



FID# 241379050

BRDTS# 02-41-553761

Rcvd 23-Sept-2010

Phase II Site Investigation

Former Wabash Alloys Aluminum Recycling Facility
Oak Creek, Wisconsin

August 2010

Prepared For
Connell Ltd. Partnership, LLC

A handwritten signature in blue ink that reads 'Nathaniel Keller'.

Nathaniel Keller, P.G.
Environmental Scientist

A handwritten signature in blue ink that reads 'James Wedekind'.

James Wedekind, P.G.
Senior Project Hydrogeologist

RMT, Inc. | Connell Ltd. Partnership
Final
E:\WPMSN\PIJT\06139\01\002\AR0613901002-001.DOCX

© 2010 RMT, Inc.
All Rights Reserved

Table of Contents

| | | |
|-------|--|----|
| 1. | Introduction..... | 1 |
| 1.1 | Site Location and Description..... | 1 |
| 1.2 | Site Operation and Investigation History..... | 1 |
| 1.3 | Purpose and Scope..... | 2 |
| 2. | Site Inspection and Sampling..... | 3 |
| 2.1 | Introduction..... | 3 |
| 2.2 | General Site Conditions and Layout..... | 3 |
| 2.2.1 | Building Interior..... | 3 |
| 2.2.2 | Site Property..... | 3 |
| 2.2.3 | Surrounding Properties (Historical)..... | 4 |
| 2.3 | April 2010 Reconnaissance..... | 4 |
| 3. | Sampling and Analytical Results..... | 6 |
| 3.1 | Introduction..... | 6 |
| 3.2 | Building Interior Sampling..... | 6 |
| 3.2.1 | Floor Sampling..... | 6 |
| 3.2.2 | Wipe Sampling..... | 7 |
| 3.2.3 | Waste Pile Sampling..... | 8 |
| 3.2.4 | Liquids and Sludge Sampling..... | 9 |
| 3.2.5 | Paint Sampling..... | 10 |
| 3.3 | Site Property Sampling..... | 10 |
| 3.3.1 | Soil Borings and Subsurface Soil Sampling..... | 10 |
| 3.3.2 | Monitoring Well Installation and Groundwater Sampling..... | 11 |
| 3.4 | Oil/Creosote Forensic Analysis..... | 12 |
| 3.5 | Management of Investigation-Derived Waste..... | 12 |
| 4. | References..... | 14 |

List of Tables

| | |
|---------|--|
| Table 1 | Summary of Samples and Locations |
| Table 2 | Summary of Concrete Floor Sample Results |
| Table 3 | Summary of Wipe Sample Results |
| Table 4 | Summary of Waste Pile Analytical Results |

| | |
|---------|--|
| Table 5 | Summary of Liquids Sampling Analytical Results |
| Table 6 | Paint Sample Analytical Results |
| Table 7 | Summary of Soil Analytical Results |
| Table 8 | Summary of Groundwater Analytical Results |

List of Figures

| | |
|----------|--|
| Figure 1 | Site Layout and Proposed Monitoring Locations |
| Figure 2 | Interior Building Layout |
| Figure 3 | Historical Site Layout |
| Figure 4 | Interior Floor, Paint, and Wipe Sampling |
| Figure 5 | Interior Liquid and Waste Pile Sampling |
| Figure 6 | Distribution of BTEX and Fluoranthene in Subsurface Soil |

List of Appendices

| | |
|------------|------------------------------------|
| Appendix A | Laboratory Reports |
| Appendix B | Boring Logs |
| Appendix C | Photographic Log |
| Appendix D | Meta Environmental Forensic Report |

Section 1

Introduction

1.1 Site Location and Description

The Former Wabash Alloys facility is located at 9100 South 5th Avenue, in Oak Creek, Wisconsin (site). Historically, the facility was used for recycling and smelting aluminum, in addition to former wood treatment and chemical production operations. The site is owned by Connell Aluminum Properties, LLC (Connell). The property is currently zoned as industrial, and the facility is located in an area of mixed industrial and residential properties on the southern side of the City of Oak Creek in Milwaukee County, Wisconsin (Figure 1). The area in which the property is located is designated as a redevelopment zone by the City of Oak Creek. Figure 2 shows the main plant building, which included office and ingot storage, a furnace room, a crusher room, a maintenance area, and the scrap storage area. Air pollution control baghouses are located on the north and south sides of the building. The property and surrounding properties are also depicted on Figure 1.

1.2 Site Operation and Investigation History

Wabash Alloys operated an aluminum recycling and smelting operation on the site from 1986 to 2001, at which time operations ceased. In 2007, Connell sold Wabash Alloys. Property ownership was transferred to Connell. Prior to Wabash Alloy's operations, Vulcan Materials performed similar aluminum smelting activities onsite beginning in 1968. The property was vacant from 1960 to 1968; however, conflicting information is provided from GeoTrans (2009), which reports the property continued to manufacture creosote from 1960-1968 under the ownership of Arthur A. Levin and Saul Padek. From 1935 to 1960, the property was owned by Koppers Company (formerly Koppers Gas and Coke Company). Koppers Company used the facility and property to manufacture wood treatment chemicals (Weston Solutions, 2009). Figure 3 shows the former facility in 1955. The site was used for similar operations starting in 1917.

No records of specific operations at the former wood treatment facility are available, but buildings and numerous above ground tanks and several surface ponds are visible in Figure 3. The use of the facility to manufacture creosote is consistent with the types of structures seen in this aerial photograph.

The current layout of the facility is assumed to be the same as when aluminum processing started in 1968. A summary of the process is as follows:

- Aluminum scrap arrived at the facility via rail and truck at the eastern end of the building.
- The aluminum was then processed (shredded/crushed) to make it into more uniform sizes, and then dried to remove liquids and contaminants; the processed aluminum was either stored in bins or directly melted.
- The processed aluminum was remelted and cast into ingots. Ingots were stored in the warehouse area at the western end of the building.

Much of the smelting equipment remains in the building. The structure itself is in general disrepair, with some dust, debris, or other materials and equipment still present throughout portions of the facility.

Several previous investigations identified and defined areas of potential soil and groundwater contamination. A PCB spill in 1984 resulted in removal and replacement of all PCB transformers and capacitors from the building (RMT 1990). In 1993, RMT notified the WDNR that LUST removals at the facility observed non-UST related contamination in the tank pits. In 1995, Wabash reported a release of creosote to the City of Oak Creek sewer to the WDNR. Other studies were typically associated with similar issues. (RMT, 1990, Sigma 1991, Weston Solutions, 2009). Results of these investigations identified soil and groundwater contamination consisting of one or more of the following: volatile organic compounds (VOCs) from former underground storage tanks and creosote; polychlorinated biphenyls (PCBs) from processing objects containing PCBs; polycyclic aromatic hydrocarbons (PAHs) from creosote manufacturing; and metals from aluminum processing.

1.3 Purpose and Scope

The purpose of this Phase II Site Investigation report is to document results of environmental sampling conducted by RMT, Inc., during the Phase II Environmental Site Assessment (ESA) of the site. The scope of work specifically addresses the Recognized Environmental Conditions (RECs) and recommendations identified in the Phase I ESA for the Connell Aluminum Site (Weston Solutions, 2009) as specified in the Phase II Workplan (RMT, 2010).

Section 2

Site Inspection and Sampling

2.1 Introduction

The project team reviewed the Phase I ESA and conducted a records search to better understand the site history and geologic setting. This was followed by a site walkover to confirm the findings in the Phase I and design the Phase II investigation.

2.2 General Site Conditions and Layout

2.2.1 Building Interior

The building interior is divided into approximately 5 areas/rooms, as described above, with 20-30 foot ceilings and covering approximately 250,000 square feet. The walls and ceiling of the building are constructed of steel and/or composite siding, with steel I-beam supports, and the floor is composed of thick concrete that is generally intact and in good condition. Utility service was shut down in the building for some time and only limited natural light is available through skylights. Trespassers removed much of the copper wiring and piping.

Much of the former smelting equipment remains in the furnace and crusher rooms, including the conveyors, crusher, ladles, and furnaces. There is limited equipment scattered throughout the remaining rooms. Several drains, sumps, and pits (collectively labeled as pits) are present in the facility and are generally located in the maintenance, furnace, and crusher rooms. All of the rooms contain a small amount of waste material (dust, dirt, metal shavings, etc.) which was left behind when the facility was vacated.

2.2.2 Site Property

The site property including the building covers approximately 23 acres. The property perimeter is secured by a chain-link fence and locked gates. The building complex and former parking lots are located on the western portion of the property; and a mix of trees and meadow on the eastern portion of the property. An abandoned rail line runs along the northern edge of the property with three spurs that at one time split and ran along the northern edge, as well as entered the building. The property is bounded by Depot Street, several residences and an abandoned factory to the North; Fifth Ave and residential/commercial property to the west; Lake Michigan to the east; and an access road owned by the City of Oak Creek (City) to the south. The land south of the access

road was also a former factory (see below) that has been demolished with only the foundation and parking area remaining.

In general the site gradually slopes to the south and southeast, and then steepens dramatically as a bluff at Lake Michigan. The southeast portion of the property once sloped steeply to a ditch that drained to the lake. The City placed a sewer in the ditch and covered it with a road to access a pumping station. There are several marshy areas within the property that contain groundwater seeps, some standing water, and cattails. On the eastern end of the building and former loading docks, some waste material (aluminum scrap, bricks, gravel, old equipment, etc.) is present as well as the ruins of a former wastewater treatment facility that ceased operations prior to Wabash's ownership of the plant. An area east of the paved area is also partially covered with shredded wood pallets.

2.2.3 Surrounding Properties (Historical)

Some of the adjacent properties were used for industrial purposes that may have adversely affected the site. The former Hynite property and Oak Creek Storage and Disposal property (former Peter Cooper Site) are located north of the site. USTs were reported for both of these properties and both properties are currently being investigated for environmental contamination (PAHs, VOCs, and metals). The former DuPont site (both former DuPont facility and Allis Chalmers/ DuPont landfill), located to the south of the property is also undergoing investigation and remediation for metals, VOCs, and acid contamination.

2.3 April 2010 Reconnaissance

RMT conducted a site walkthrough on April 13, 2010 to verify the findings of the Phase I Assessment report and develop the logistics required for sampling in, and around, the facility. In general, the Phase I findings were confirmed and some additional information was gathered. The various process areas are described below:

- The building is a concrete-floored, steel-framed building with siding consisting of aluminum and other unknown materials. RMT did not perform a survey of potential asbestos-containing materials as part of the April walkthrough. The building measures approximately 650 feet by 400 feet with three connected process buildings, and another portion for storage, offices and maintenance shops. The building roof is approximately 30 feet high along the center spans, and slopes to approximately 20 feet at the sides. Much of the building is in poor condition with several areas missing portions of the roof and sidewalls.

- The offices and ingot storage rooms were in fair to good condition with no significant issues encountered. One storm drain contained standing water (~3 feet deep), and an elevated tank was present in the maintenance area.
- The furnace room is in poor condition with several sections of roof missing and the concrete floor is significantly eroded in portions. A section of the floor is displaced upward in the southwest portion of the room (Photo 4, Appendix C). This room contains seven ladle pits (Photos 43 and 44) that contain water as well as two below grade sumps in the chlorine room that contain water and a floating layer of a black oil (Photos 20 and 21). There are three furnaces remaining in this room, which contain aluminum materials (spilled product and scrap) both inside and surrounding the furnaces. The northwest corner of the furnace room contains a steel AST with a sign over it saying "Used Oil". The AST is full of waste oil and the concrete around this area is stained.
- The crusher room is in good condition overall with large pieces of equipment in the eastern half of the room, which includes a dryer and crusher. The remainder of this room is divided up by concrete-walled storage bins (Photo 8). Each bin is approximately 15 by 25 feet, with concrete walls approximately 8-10 feet tall. Some of these bins contain piles of processed metal, dust, dirt and other unidentified materials. There are two plastic ASTs present in this room, both with liquid present in them. One AST is apparently full of unused oil; the other contains a smaller amount of an oil. The crusher conveyor extends into a pit approximately 20-30 feet below floor grade, and unknown liquid is present at the base of the conveyor.
- The scrap storage room contains concrete bins similar to the crusher room. There are piles of dust, dirt and unidentified material present in these bins. Near the eastern exterior wall of the building there is a hydraulic oil tank. In the northwest corner of this room is the dryer cyclone, which contains dust/dirt in the bottom.
- The skim room (or dross room) is a smaller room located in the northeast corner of the building, with a brick/ concrete floor. The outer walls of the room contain concrete bins, one of which is labeled "cyclone dirt" (Photo 18). There is also a large piece of equipment that resembles a long rectangular bin with an auger that runs down the middle (Photo 17). This equipment appears to contain some aluminum material. Site documentation states that dross, baghouse dust, and cyclone dust were stored in this room.
- The exterior of the building on the north side near the furnace room is in very poor condition with much of the steel corroded and sections of the ceiling are missing. Chloride rail cars were parked in this area, and chlorine gas was used in the aluminum melting process.
- Piping at the north end of the building mentioned in the Phase I appears to be associated with former propane tanks (now removed). There was no evidence of UST vent pipes observed.

Section 3

Sampling and Analytical Results

3.1 Introduction

Environmental sampling was conducted by RMT in May and June 2010 to determine the nature and extent of subsurface contamination, and characterize the remaining unidentified waste material in the building. The interior of the building and exterior were investigated separately; however, samples taken from within the building were further segregated by room as outlined in Figure 2 (e.g. Maintenance Room, Furnace Room, Crusher Room, Dryer Room, and Scrap Storage Area). Samples collected inside the building included waste pile sampling (10 samples), concrete sampling (10 samples), wipe sampling (10 samples), pit/sump/drain/tank sampling (11 samples), and paint samples (3). Subsurface sampling (both inside and outside the building) consisted of 20 soil borings and 11 temporary monitoring well installations

3.2 Building Interior Sampling

RMT conducted sampling of the building interior on May 20-21, 2010. Sampling was conducted to evaluate the nature of constituents identified as RECs in the Phase I ESA (EPA 2010). RMT collected representative samples of various surfaces and materials in the building to evaluate the nature of any hazardous constituents and assist in planning for proper disposal of demolition materials. All samples were analyzed by Pace Laboratories of Green Bay, WI. A summary of the sampling program is included in Table 1. Laboratory reports are included in Appendix A.

3.2.1 Floor Sampling

The building floors were sampled for PCBs. The floors are primarily composed of concrete, although some brick flooring is present in the dross/skim room. The floors were sampled using a percussion hammer drill to produce a concrete powder for sampling as described by USEPA (1997). Ten samples of the flooring were collected at the locations shown on Figure 3. Photos 38, 39, and 42 show examples of floor sample locations. Three samples were collected from the furnace room (FRF-1, FRF-2, and FRF-3), five samples from the crusher room (CRF-1 through CRF-5) and two from the scrap storage area (SRF-1 and SRF-2). CRF-1 was collected within an area with a recent oil spill (probably from trespassers; see Photo 13 in work plan).

Analytical results are summarized in Table 2. PCBs were detected in all samples. PCB concentrations ranged from 0.695 mg/kg to 26.4 ppm. The highest concentrations were

found in the crusher room and furnace room. No samples exceeded the concentration (50 ppm) that identifies the material as a "PCB waste."

3.2.2 Wipe Sampling

EPA defines nonporous surfaces as "smooth, unpainted solid surface that limits penetration of liquid containing PCBs beyond the immediate surface". Nonporous surfaces identified in the building included structural steel beams, metal equipment, some elevated walkways, scales, manholes, piping, and protective steel plates. A total of ten wipe samples were collected from nonporous surfaces. Specific sample collection details are presented in Section 3.1.2 of the work plan. The general sampling locations were developed based on observations made during the April 13, 2010, site inspection and are summarized in the work plan. Photos 47 and 48 in Appendix C show some representative swipe sample locations. Samples were collected at the following approximate locations as shown on Figure 4:

- Scrap storage room
 - SSW-1 collected from steel wall reinforcement in the south end
 - SSW-2 was collected from the dryer cyclone in the northwest corner of the room
- Crusher room
 - CRW-1 was collected from below a conveyor that exited the crusher pit
 - CRW-2 was collected from the conveyor that fed the crusher
 - CRW-3 was collected from a large baghouse that served the crusher and dryer
 - CRW-4 was collected from equipment within the crusher pit
 - CRW-5 was collected from the scrap dryer
 - CRW-6 was collected from the scale in the lunch room
- Furnace room
 - FRW-1 (and duplicate) was collected from furnace # 4
 - FRW-2 was collected from a metal door for electrical equipment in the baghouse control room on the south side

Wipe sample PCB analytical results are summarized in Table 3. PCBs were detected on eight of 10 sampled surfaces at concentrations ranging from 0.26 $\mu\text{g}/100\text{ cm}^2$ to

18.3 µg/100 cm². PCBs were detected in each room, with the highest concentrations found in the crusher room. Nine of the 10 samples detected PCBs below 10 µg/100 cm².

3.2.3 Waste Pile Sampling

Samples were collected from small piles of residual granular material within bins, around equipment, and in dust accumulations. Photos 40 and 45 show representative dust piles. Such materials were present throughout the buildings with the exception of the ingot storage, maintenance and office areas. Ten representative samples were collected from the locations shown on Figure 5. Samples were analyzed for the eight RCRA metals and PCBs. In addition, a composite sample was collected from an aliquot taken from each of the ten samples and analyzed for Toxicity Characteristic Leaching Procedure (TCLP) metals and total PCBs. Samples were collected from the following locations:

- Scrap storage and dross room
 - WP-DR1 – material found in an auger (see Photo 17 in work plan)
 - WP-DR2 – dust in a stall marked “cyclone dirt” (see Photo 18 in work plan)
 - WP-SS1 – from material below cyclone
 - WP-SS2 – floor dust in bin 44
- Crusher room
 - WP-CR1 – piles near the dryer at north end
 - WP-CR2 – dust below conveyor out of crusher pit
 - WP-CR3 – material in bin in crusher room
 - WP-CR4 – dust on top of roof over lunch room/offices
- Furnace room
 - WP-FR1 – floor dust in south end
 - WP-FR2 – floor dust in north end

Analytical results for the waste/dust piles show elevated concentrations of metals and PCBs (Table 4). PCBs were detected in material in a bin in the crusher room (sample WP-CR3). A composite sample collected from aliquots of each sample contained PCBs at a concentration of 7.12 µg/kg.

The residual materials sampled contain elevated concentrations of RCRA metals. The highest concentrations were found in samples from the crusher room. In accordance

with the work plan, analytical results were screened against the “20-times rule” to determine if the waste piles should be further analyzed to determine if they are characteristically hazardous according to the TCLP. The screening indicates that all samples collected have at least one parameter that exceeds the 20-times rule for barium, cadmium, chromium, lead, or mercury (Table 4). However, a composite of all samples analyzed by the TCLP indicates that all parameters were well below their maximum allowable hazardous waste limits. However, the data suggest that disposal companies may require additional TCLP analyses prior to accepting the waste.

3.2.4 Liquids and Sludge Sampling

Eleven (11) liquids and one sludge sample were collected from various sumps, drains, tanks, and pits and analyzed for VOCs, PAHs, RCRA metals, and PCBs. The liquids were sampled using a peristaltic pump in accordance with the workplan. Water in the sumps and pits was typically only slightly turbid and had a consistent level about 4 feet below the floor grade. The exception was the crusher pit, where the water level was approximately 10 feet below the floor level. The water in the crusher pit contained abundant algal or bacterial growth. It could not be determined whether the pits were filled with water from infiltration of groundwater or was residual process water. The northernmost ladle pits may receive some precipitation due to the missing roof in the vicinity.

The following locations were sampled for liquids (Figure 5):

- Crusher room – CRL-1 - crusher pit
- Furnace room
 - FRL-1 collected from subgrade tank or pit adjacent to chlorine room. 1-2 inches of black oil floating on water. Appears to be connected to pit in chlorine room. Petroleum odor.
 - FRL-2 collected from manhole in chlorine room. A thin layer of black oil floating on top of water in pit. Sludge at bottom could not be sampled. Petroleum odor.
 - FRL-3 through 9 - seven ladle pits.
- Maintenance room – MRL-1 – manhole over apparent catch basin.

Analytical results are summarized in Table 5. A variety of metals and organic compounds were detected in the liquid samples. FRL-2 contains the highest concentrations of several constituents including arsenic, barium, benzene, cadmium, chromium, lead, mercury, selenium, and silver. The lead concentration (6,200 ug/L)

exceeds the TCLP maximum allowable concentration. No other liquid sample exceeded the TCLP values.

One sludge sample was collected from a steel pit south of the ladle pits. The pit housed connections to hydraulic lines leading into the floor (see Photo 5 and 17 in work plan). The sludge consists of an "oil-dry" type of material covered in yellow-orange oil (presumed to be hydraulic oil) with a slight petroleum odor. Analysis of the sludge detected trimethylbenzenes (expected for heavy oils) and di-n-butyl phthalate at a concentration of 24.1 mg/L.

3.2.5 Paint Sampling

Three samples of paint were collected at the locations shown on Figure 4 to determine the presence of lead-based paint. The sample locations are described in Table 6. The paint samples confirm that lead-based paint is present in the building with concentrations up to 69,200 mg/kg (6.9% lead).

3.3 Site Property Sampling

Subsurface soil and groundwater samples were collected from the property to determine the nature and general distribution of contaminants. Fieldwork was conducted on June 1-4, 2010.

3.3.1 Soil Borings and Subsurface Soil Sampling

Twenty soil borings (B-1 through B-20) were installed using a Geoprobe 7730 DT operated by OnSite Environmental. Borings were advanced to depths ranging from 15 to 20 feet below ground surface (bgs). Locations of the borings are shown on Figure 1. Soils were classified by an RMT geologist and screened with a photoionization detector (PID). Boring logs were prepared in the field and are included as Appendix B. Samples for laboratory analyses were collected from intervals with elevated PID readings or visual/olfactory evidence of contamination. Typically two samples were collected from each boring. If no contamination was detected in the soil with the PID or from visual observations (as at B-7, B-10, or B-11), only one sample was submitted for analyses. A total of 36 soil samples were analyzed for VOCs, SVOCs, PCBs, RCRA metals, and cyanide.

The subsurface soil near the buildings typically consists of 0-8 feet of clayey, gravelly fill underlain by native soil. The soil consists of variably weathered glacial till sediment (probably the Oak Creek Formation). The till is described as typically brownish gray, plastic, lean clay and silty clay with traces of gravel.

Eleven of the 20 borings encountered free-phase creosote within the soil or fill. PID readings of organic vapors as high as 707 ppm were recorded (B-17). The creosote has a distinctive odor. The creosote migrates preferentially through thin sand and silt layers and/or fractures in the clay till (Photo 59 in Appendix C). Visible creosote was encountered in borings B-5, B-6, B-8, and B-12 through B-19. The area where creosote was encountered covers approximately one-half of the site. Borings along the northern and western site perimeter (upgradient) did not detect creosote.

Boring B-16 was placed immediately upgradient of a creosote seep that emanates from the pavement on the southeast side of the building (outside of the scrap storage area). The seep is actively producing creosote that migrates along the pavement (see Photos 34-37 and 49-53, Appendix C). Another active seep is located near boring B-12 in an eroded drainage ditch (Photos 27 and 28). The distribution of creosote is consistent with the location of the former creosote plant (Figure 3). Contamination extends south of the former operation areas, and also east of the plant, where ponds were once located. Borings in the former pond area conducted in 1980 also encountered creosote (Wisconsin Testing Labs, 1980). Migration of creosote is occurring towards the former drainage ditch along the south side of the property that now contains a sewer main. Creosote was discharging into the ditch in 1980, and was found during construction activity as early as 1968 (EPA, 2009). Contamination was also encountered during an underground storage tank investigation north of the building in 1991, when it was concluded that "Several compounds detected are not consistent with materials stored in the underground tanks and may be the result of past site operations or off-site sources" (Sigma Environmental Services, Inc. 1991).

Table 7 includes all constituents detected in the soil samples collected during this investigation. Figure 6 uses the highest concentration of the two samples at each location. Note that only trace concentrations of PAHs and no BTEX are present at upgradient locations of the site (B-1, B-2, B-7, B-9, B-10, and B-11), but concentrations increase dramatically to the south.

The vertical extent of contamination decreases with increasing depth, but the vertical extent of this contamination was not defined at all locations (Table 7). The distribution of the creosote related compounds (i.e., VOCs and SVOCs) is consistent with observed free-phase creosote observed in the subsurface.

3.3.2 Monitoring Well Installation and Groundwater Sampling

Eleven monitoring wells (MW-1, MW-2, MW-3, MW-5, MW-8, MW-9, MW-14, MW-15, MW-16, MW-18, and MW-20) were installed along the north and south property

boundaries and in locations of observed contamination as determined by the soil borings. Wells were constructed of 1-inch Schedule 40 PVC at depths ranging from 15 to 20 feet bgs, with the exception of MW-16 which was constructed of 2-inch PVC. Wells were installed and developed in accordance with Wisconsin Administrative Code NR 141. Groundwater samples were collected from the wells via low flow methods using a peristaltic pump. Samples were analyzed for VOCs, SVOCs, RCRA metals, and cyanide by Pace Analytical. MW-3 did not recharge sufficiently to provide a sample.

Groundwater analytical results are summarized in Table 8. Twelve constituents exceed the NR 140 Enforcement Standard (ES). Analytical results for groundwater in wells upgradient from the site (MW-1, MW-2, and MW-9) have no ES exceedences, but arsenic and lead concentrations exceed the PAL at MW-2 and MW-9, and naphthalene exceeds the PAL at MW-1. For the most part, constituents detected (and those that exceed the ES) in groundwater represent the more soluble fraction of the constituents detected in soil at the site. Especially noteworthy is that PAHs, the most common contaminant associated with creosote, are less frequently detected in groundwater, although those constituents are detected at high concentrations in the soil. This is because most PAHs have much lower solubilities than BTEX constituents. Therefore, the BTEX compounds are commonly detected in groundwater, while the PAHs are not.

In addition to the organic compounds, concentrations of arsenic in groundwater also exceed the ES. The ES exceedences occur in a well with other exceedences (MW-8). No other metal or cyanide exceeded their respective ES.

3.4 Oil/Creosote Forensic Analysis

RMT collected five samples of creosote, and five samples of oils found within the building, and submitted the samples to Meta Environmental Inc. of Watertown, Massachusetts (META) for forensic analysis. META concluded that the creosote samples found outside the building are not related to the oils found in the building (see Appendix D.) The creosote samples are consistent with being derived from distillation through pyrogenic processes. Pyrogenic processes are defined as when a substance is heated at high temperatures in the absence of oxygen, while petrogenic hydrocarbons are formed over long periods of time at lower temperatures, as with crude oil. The oils found within the building are of petrogenic origin.

3.5 Management of Investigation-Derived Waste

Investigation-derived waste (IDW) included soil samples, a small amount of development and purge water, decontamination liquids, and bulk materials, such as disposable gloves, discarded sampling templates, bailers, and general products used to collect and handle environmental

samples. Bulk investigation-derived wastes were bagged in commercially available garbage bags and then disposed in accordance with 40 CFR 761.61 (a)(5)(v)(A), which allows for disposal at a "... facility permitted, licensed, or registered by a State to manage municipal solid waste subject to part 258 of this chapter." Licensed municipal waste landfills within the State of Wisconsin are permitted under 40 CFR 258, and therefore meet this requirement. All IDW was placed in 55-gallon drums, appropriately labeled and secured and left at the site for later disposal (Photo 67).

Section 4 References

- RMT, Inc. 1990. Pre-acquisition audits of Vulcan Materials facilities in Oak Creek, Wisconsin and Benton, Arkansas. June 1990.
- RMT, Inc. 2001. Phase II workplan former Wabash Alloys metal recycling facility, Oak Creek, Wisconsin. May 2010.
- Sigma Environmental Services, Inc. 1991. A report of subsurface/hydrogeologic investigation at Wabash Alloys 9100 South 5th Avenue Oak Creek, Wisconsin. August 15, 1991.
- U.S. Environmental Protection Agency. Region 1, EPA-New England. 1997. Draft standard operating procedure for sampling concrete in the field. U.S. EPA-New England Region 1 quality assurance staff Office of Environmental Management and Evaluation. December 30, 1997.
- Weston Solutions. 2009. Phase I Environmental Site Assessment Report for The Connell Aluminum Site 9100 South 5th Avenue Oak Creek, Milwaukee, Wisconsin. Weston Solutions, Inc. November 2009.
- Wisconsin Testing Laboratories. 1980. Proposed cutoff trench and berm. Vulcan Materials 9100 South Fifth Avenue Oak Creek, Wisconsin. Prepared for Jahnke & Jahnke Associates, Inc. September 26, 1980.

Table 1
Summary of Samples and Locations
Former Wabash Alloys Metal Recycling Facility
Oak Creek, Wisconsin

| SAMPLE MEDIA | NUMBER OF SAMPLES | ANALYTES | LOCATIONS | COMMENTS |
|--------------------------------|-------------------|---|--|--|
| Water | 10 | VOCs, SVOCs, metals, cyanide | 11 monitoring wells | Monitoring wells were installed to a depth of approximately 20 feet bgs. Well numbered as per their boring number, i.e., B-5 became MW-5. |
| Soil | 36 | VOCs, SVOCs, metals, cyanide | 20 soil borings | Samples at surface and subsurface (above water table). |
| Water/Liquids | 11 | VOCs, SVOCs, metals, PCBs | Ladle Pits, Crusher Sump, floor drains (interior) | Samples were collected from the pits and sumps using a peristaltic pump. |
| Sludge | 1 | VOCs, SVOCs, metals, PCBs | Pit with hydraulic equipment in furnace room | Collected as a grab sample directly from the pit. |
| Waste Piles/Dust | 11 | PCBs, metals, TCLP metals and PCBs | 2 from dross room, 2 from scrap storage room, 4 from crusher room, 2 from furnace room | Samples were collected from four different rooms in the building. One sample was composited for analysis for TCLP metals. |
| Concrete | 10 | PCBs | 5 from crusher room, 3 from furnace room, 2 from scrap storage area | Concrete were drilled with a hammer drill at stained locations, the cuttings from the drill will be sampled. Multiple holes will be drilled within a sample location to obtain sufficient sample volume. |
| Wipe | 10 | PCBs | 6 from crusher room, 2 from furnace room, 2 from scrap storage room | Wipe samples were collected from non porous surfaces such as metal beams and equipment. |
| Paint | 3 | Lead | One each from scrap storage, crusher, and furnace rooms | Samples were collected from three surfaces with chipping or peeling paint. |
| QA/QC | 5 | VOCs, SVOCs, RCRA Metals, PCBs as appropriate | Varied | One duplicate and one matrix spike/matrix spike duplicate was collected from each sample media (except paint and sludge), and analyzed for the same parameters as the parent sample. Inadvertently, no duplicate collected of subsurface soil. |
| Total number of samples | 97 | | | |

Prepared by: N. Keller

Checked by: L. Bakken

Table 2
Summary of Concrete Floor Sample Results
Former Wabash Alloys Facility
Oak Creek, Wisconsin

| SAMPLE ID | LOCATION | TOTAL PCB CONCENTRATION (mg/kg) |
|-----------|--------------------|---------------------------------|
| CRF-1 | Crusher room | 2.16 |
| CRF-2 | Crusher room | 17.6 |
| CRF-3 | Crusher room | 6.44 |
| CRF-4 | Crusher room | 16.3 |
| CRF-DUP | Crusher room | 22.3 |
| CRF-5 | Crusher room | 2.65 |
| FRF-1 | Furnace room | 2.97 |
| FRF-2 | Furnace room | 5.65 |
| FRF-3 | Furnace room | 26.4 |
| SRF-1 | Scrap storage room | 0.695 |
| SRF-2 | Scrap storage room | 0.733 |

Note:

CRF-DUP collected from CRF-4 location.

Prepared by: N. Keller

Checked by: L. Bakken

Table 3
Summary of Wipe Sample Results
Former Wabash Alloys Facility
Oak Creek, Wisconsin

| SAMPLE ID | SAMPLE LOCATION | PCB, TOTAL (Total ug) |
|-----------|---------------------------------------|--------------------------|
| SSW-1 | Steel reinforcement wall - south end | 2.6 |
| SSW-2 | Dryer cyclone/afterburner - north end | 0.30 J |
| CRW-1 | Exit conveyor from crusher pit | 4.6 |
| CRW-2 | Incoming conveyor to crusher pit | 3.2 |
| CRW-3 | Crusher baghouse | 1.5 |
| CRW-4 | Crusher pit equipment | 18.3 |
| CRW-5 | Scrap dryer | < 0.22 U |
| CRW-6 | Lunch room scale | 0.53 J |
| FRW-1 | Furnace #4 | < 0.22 U |
| FRW-1 DUP | Furnace #4 | < 0.22 U |
| FRW-2 | Electric control box - south end | 0.26 J |

Qualifiers:

J - Estimated concentration above the adjusted detection limit and below the adjusted reporting limit.

U - Indicates the compound was analyzed for but not detected

Prepared by: N. Keller

Checked by: L. Bakken

Table 4
 Summary of Waste Pile Analytical Results
 May 20, 2010
 Former Wabash Alloys Facility
 Oak Creek, Wisconsin

| PARAMETER | SCREENING VALUE | UNITS | WP-DR1 | WP-DR2 | WP-CR1 | WP-CR2 | WP-CR3 | WP-CR4 | WP-FR1 | WP-FR2 | WP-SS1 | WP-SS2 | WP-DUP | WP-COMP ¹⁾ |
|------------|-----------------|-------|------------|------------|-------------|------------|-------------|-------------|--------|------------|------------|------------|------------|-----------------------|
| Arsenic | 100 | mg/kg | 13.4 JD3 | < 1.2 UD3 | 1.9 JD3 | < 1.1 UD3 | 9.0 JD3 | 1.6 JD3 | 1.8 J | < 1.3 UD3 | < 1.1 UD3 | < 1.1 UD3 | < 1 UD3 | < 0.0028 U |
| Barium | 2000 | mg/kg | 93.7 | 317 | 1970 | 254 | 859 | 4090 | 60.9 | 367 | 1150 | 51.4 | 9.0 | 9.6 |
| Cadmium | 20 | mg/kg | 3.8 JD3 | 35.9 | 18.9 | 21.4 | 152 | 67.6 | 2.5 | 4.7 JD3 | 5.0 JD3 | 6.1 | 4.5 JD3 | 0.10 J |
| Chromium | 100 | mg/kg | 1250 | 419 | 376 | 3350 | 325 | 426 | 32.1 | 275 | 466 | 246 | 975 | 0.0062 J |
| Lead | 100 | mg/kg | 359 | 1310 | 2500 | 1550 | 1890 | 2970 | 206 | 485 | 1180 | 448 | 945 | 0.37 J |
| Mercury | 4 | mg/kg | 0.16 | 2.0 | 0.10 | 0.29 | 12.9 | 1.9 | 0.098 | 0.70 | 0.037 | 0.062 | 0.026 | < 0.1 U |
| PCB, Total | 50 | mg/kg | 0.55 | 12.8 | 0.67 | 11.20 | 148 | 26.70 | 8.27 | 0.279 | 0.069.2 J | 0.720 | 0.232 | 7.12 |
| Selenium | 20 | mg/kg | 6.9 JB, D3 | 8.9 JB, D3 | 10.2 JB, D3 | 7.8 JB, D3 | 19.2 JB, D3 | 13.6 JB, D3 | 1.6 JB | 7.1 JB, D3 | 6.8 JB, D3 | 5.7 JB, D3 | 5.9 JB, D3 | < 0.011 U |
| Silver | 100 | mg/kg | 3.3 JD3 | 7.7 JD3 | 18.0 | 6.9 JD3 | 9.2 JD3 | 14.9 | 0.42 J | 7.5 JD3 | 12.7 | 3.0 JD3 | 3.4 JD3 | < 0.0023 U |

Qualifiers:

- J - Estimated concentration above the adjusted detection limit and below the adjusted reporting limit.
- D3 - Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- U - Indicates the compound was analyzed for but not detected
- B - Analyte was detected in the associated method blank.

Notes:

- 1 - The Waste Pile Composite sample was analyzed for TCLP metals. Results for this analysis are in mg/L with the exception of total PCB, these results are in µg/kg.

Prepared by: N. Keller
 Checked by: L. Bakken

Table 5
Summary of Liquids Sampling Analytical Results
Former Wabash Alloys Facility
Oak Creek, Wisconsin

| PARAMETER | UNITS | HAZ. WASTE STANDARD | CRL-1 | FRL-1 | FRL-2 | FRL-3 | FRL-4 | FRL-7 | FRL-8 | FRL-5 | FRL-6 | FRL-9 | FRL-9 DUP | MRL-1 | FRSL-1 |
|------------------------------|-------|---------------------|--------|----------|----------|----------|--------|--------|--------|--------|--------|----------|-----------|----------|--------|
| 3,4-Methylphenol(m&p Cresol) | ug/L | | 3.7 J | < 5670 | < 92.1 | < 0.77 | < 0.89 | < 0.77 | < 0.78 | < 0.78 | < 0.79 | < 0.78 | < 0.79 | < 0.78 | |
| 4-Chloro-3-methylphenol | ug/L | | 16.0 | < 7450 | < 121 | < 1 | < 1.2 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | |
| Arsenic | ug/L | 5000 | < 0.55 | < 2.8 | 47.4 J | 2.9 J | 21.0 | 1.1 J | < 0.55 | < 0.55 | 2.5 J | < 0.55 | 0.62 J | 5.0 J | 1100J |
| Barium | ug/L | 100000 | 24.2 | 148 | 2720 | 877 | 125 | 66.3 | 53.0 | 32.0 | 21.2 | 49.2 | 48.4 | 79.2 | 13800 |
| Benzo(a)pyrene | ug/L | | < 0.97 | < 7150 | < 116 | < 0.97 | 1.1 J | < 0.97 | < 0.99 | < 0.99 | < 1 | < 0.99 | < 1 | < 0.99 | |
| Benzo(g,h,i)perylene | ug/L | | < 0.77 | < 5690 | < 92.4 | < 0.77 | 2.6 J | 0.94 J | < 0.79 | < 0.79 | < 0.79 | < 0.79 | < 0.79 | < 0.79 | |
| Benzene | ug/L | 500 | < 0.41 | < 0.41 | 1.6 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | |
| bis(2-Ethylhexyl)phthalate | ug/L | | 5.0 | < 19200 | < 312 | < 2.6 | < 3 | < 2.6 | < 2.7 | < 2.7 | < 2.7 | < 2.7 | < 2.7 | < 2.7 | |
| Cadmium | ug/L | 1000 | 4.2 J | 7.6 J | 351 | 21.6 | 27.5 | 15.1 | 1.1 J | 1.1 J | 2.6 J | 5.7 | 5.7 | 0.87 J | 2500 |
| Chloromethane | ug/L | | < 0.24 | < 0.24 | < 0.24 | 0.24 J | < 0.24 | < 0.24 | < 0.24 | < 0.24 | < 0.24 | < 0.24 | < 0.24 | < 0.24 | |
| Chromium | ug/L | 5000 | 0.62 J | 5.5 JB | 1140 | 72.0 | 53.3 | 11.2 | 1.8 J | 9.0 | 0.91 J | 1.6 J | 1.6 J | 0.73 J | 5400 |
| Dibenz(a,h)anthracene | ug/L | | < 1.4 | < 10200 | < 166 | < 1.4 | 2.2 J | < 1.4 | < 1.4 | < 1.4 | < 1.4 | < 1.4 | < 1.4 | < 1.4 | |
| Indeno(1,2,3-cd)pyrene | ug/L | | < 0.67 | < 4940 | < 80.2 | < 0.67 | 2.0 J | < 0.67 | < 0.68 | < 0.68 | < 0.69 | < 0.68 | < 0.69 | < 0.68 | |
| Lead | ug/L | 5000 | 1.8 J | 59.8 | 6200 | 556 | 53.6 | 55.2 | 1.8 J | 17.4 | 6.5 J | 4.8 J | 5.1 J | < 1.4 | 6000 |
| Mercury | ug/L | 200 | 1.6 | < 0.2 D3 | 5.5 | 0.20 | 0.39 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 8.1J |
| Methylene Chloride | ug/L | | < 0.43 | 0.79 JZ3 | 0.61 JZ3 | 0.92 JZ3 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | 0.44 JZ3 | < 0.43 | 0.93 JZ3 | |
| PCB, Total | ug/L | | 4.7 | 211 J | 30.5 J | 0.70 J | 8.5 | < 0.32 | < 0.32 | < 0.3 | < 0.3 | < 0.32 | < 0.32 | < 0.33 | |
| PCB-1242 (Aroclor 1242) | ug/L | | 2.4 | 120 J | | | | | | | | | | | |
| PCB-1254 (Aroclor 1254) | ug/L | | 2.3 | 90.1 J | 30.5 J | 0.70 J | 8.5 | | | | | | | | |
| Selenium | ug/L | 1000 | < 2.1 | 11.4 J | 48.8 J | 2.3 J | 17.2 J | 6.9 J | < 2.1 | < 2.1 | < 2.1 | 2.9 J | 2.7 J | < 2.1 | 300JB |
| Silver | ug/L | 5000 | < 0.46 | < 2.3 | 21.0 J | 1.3 J | 1.2 J | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 40 |

Qualifiers:

J - Estimated concentration above the adjusted detection limit and below the adjusted reporting limit.

B - Analyte was detected in the associated method blank.

Z3 - Methylene chloride is a common laboratory contaminant. Results of this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the blank.

D3 - Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Note:

FSRL sample results are in ug/kg.

Prepared by: N. Keller

Checked by: L. Bakken

Table 6
Paint Sample Analytical Results
Former Wabash Alloys Facility
Oak Creek, Wisconsin

| SAMPLE ID | DESCRIPTION | LEAD CONCENTRATION (mg/kg) |
|-----------|--|----------------------------------|
| SSPT-1 | Safety yellow paint off bumper guards in scrap storage room | 69200 |
| CRPT-1 | Grey paint and some yellow paint peeling off walls of lunch room in crusher room | 516 |
| FRPT-1 | Grey paint that resembles above but taken in adjacent furnace room | 35600 |

Prepared by: N. Keller
Checked by: L. Bakken

Table 7
Summary of Soil Analytical Results
Former Wabash Alloys Facility
Oak Creek, Wisconsin

| PARAMETER | UNITS | STANDARDS ⁽¹⁾ | B-1 2.5-5 | B-2 2.5-5 | B-3 7.5-10 | B-4 13 | B-5 5-7.5 | B-6 2.5-5 | B-7 10-12.5 | B-8 7.5-10 | B-9 12.5-15 | B-10 2.5-5 | B-11 7.5-10 | B-12 2.5-5 | B-13 10-15 | B-14 2.5-5 | B-15 5-7.5 | B-16 5-7.5 | B-17 5-7.5 | B-18 0.2-5 | B-19 7-4 | |
|------------------------------|-------|--------------------------|--------------|--------------|---------------|-----------|--------------|--------------|----------------|---------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|----------|
| 1,2,4-Trimethylbenzene | ug/kg | | | | | 126 | | 109 | | 51400 | 1420 | 116 | | | | | | | | | | 145000 |
| 1,3,5-Trimethylbenzene | ug/kg | | | | | 126 | | | | 45800 | 1100 | | | | | | | | | | | 132000 |
| 2,4-Dimethylphenol | ug/kg | | | | | | | | | 10400 J | | | | | | | | | | | | |
| 2-Methylnaphthalene | ug/kg | 600000 | | 55.1 J | | 3310 J | | | | 86900 | 469 J | 237 J | | 23.2 J | | 674000 | 27.4 J | | 655 | 73.7 J | | 635000 |
| 2-Methylphenol(o-Cresol) | ug/kg | | | | | | | | | 11100 J | | | | | | | | | | | | |
| 3,4-Methylphenol(m&p Cresol) | ug/kg | | | | | | | | | 27400 | 3950 | | | | | | | | | | | 32.0 J |
| Acenaphthene | ug/kg | 900000 | | | | | | | | 49600 | | 604 J | | | | | | | | | | 280000 |
| Acenaphthylene | ug/kg | 18000 | | | | 2470 J | | | | | | | | | | | | | | | | 142000 J |
| Anthracene | ug/kg | 5000000 | | | | 46900 | | | | 35600 | | 1590 | | | | | | | | | | 179000 |
| Arsenic | mg/kg | 1.6 | 4.0 | 6.3 | 2.2 J | 4.1 | 3.0 | 5.3 | 6.1 | 6.7 | 3.5 | 5.6 | 9.1 | 3.5 | | 5.1 | 5.3 | 2.4 | 6.3 | 5.3 | 7.5 | 7.1 |
| Barium | mg/kg | | 67.4 | 63.3 | 54.6 | 65.7 | 66.1 | 66.7 | 67.0 | 62.2 | 52.7 | 66.6 | 74.7 | 52.6 | 10.9 | 35.4 | 37.2 | 64.2 | 45.9 | 58.6 | | 45.7 |
| Benzene | ug/kg | 5.5 | | | | 80.2 | | | | | 1910 | | | | | | | | | | | 49000 |
| Benzo(a)anthracene | ug/kg | 88 | | 36.5 J | | 82300 | 51.5 J | 211 | 118 J | 13300 J | | 7220 | 237 | 107 J | 161000 | | | 254 | 234 | 32.2 J | | 178000 J |
| Benzo(a)pyrene | ug/kg | 8.8 | | | | 81600 | 56.9 J | 260 | 162 J | 6850 J | | 9910 | 292 | 120 J | 136000 J | | | 409 | 206 J | | | 145000 J |
| Benzo(b)fluoranthene | ug/kg | 88 | | 24.2 J | | 62000 | 52.3 J | 213 | 127 J | 6250 J | | 9220 | 320 | 111 J | 133000 J | | | 356 | 223 | 26.1 J | | 120000 J |
| Benzo(g,h)perylene | ug/kg | 1800 | | | | 65900 | | 147 J | | | | 7470 | 191 J | | | | | 250 | | | | 250 |
| Benzo(k)fluoranthene | ug/kg | 880 | | | | 86600 | 69.2 J | 278 | 184 J | 6610 J | | 9300 | 277 | 116 J | 112000 J | | | 342 | 235 | | | 193000 J |
| bis(2-Ethylhexyl)phthalate | ug/kg | | | | | | | | | | | | | | | | | | | | | |
| Cadmium | mg/kg | 510 | 0.27 J | 0.41 J | 0.19 J | 0.27 J | 0.19 J | 0.44 J | 0.30 J | 0.22 J | 0.31 J | 0.30 J | 0.21 J | 0.22 J | 0.10 J | 0.20 J | 0.12 J | 0.21 J | 0.20 J | 0.26 J | 0.32 J | 0.32 J |
| Chromium | mg/kg | 200 | 23.1 | 22.1 | 19.4 | 23.6 | 23.8 | 22.7 | 25.2 | 20.1 | 16.5 | 24.6 | 30.7 | 19.4 | 6.8 | 16.0 | 15.4 | 34.4 | 19.4 | 29.7 | | 14.6 |
| Chrysene | ug/kg | 8900 | | 35.7 J | | 85900 | 49.5 J | 258 | 139 J | 14500 J | | 9100 | 303 | 122 J | 142000 J | | | 334 | 302 | 48.8 J | | 278000 J |
| Cyanide | mg/kg | | | | | 0.54 J | | | | | | | | | | | | | | | | |
| Dibenz(a,h)anthracene | ug/kg | 8.8 | | | | 14200 J | | | | | | 1730 | 47.9 J | | | | | | | | | 844 |
| Dibenzofuran | ug/kg | | | | | | | | | 48900 | | | | | | | | | | | | |
| Ethylbenzene | ug/kg | 2900 | | | | | | | | | 833 | | | | | | | | | | | 318000 |
| Fluoranthene | ug/kg | 600000 | | 55.5 J | | 157000 | 85.5 J | 407 | 240 | 72800 | | 7900 | 287 | 169 J | 544000 | | | 252 | 721 | 92.3 J | | 763000 |
| Fluorene | ug/kg | 600000 | | | | 14500 J | | | 240 | 50900 | | 725 J | | 22.5 J | 318000 | | | 824 | 42.3 J | | | 419000 J |
| Indeno(1,2,3-cd)pyrene | ug/kg | 88 | | | | 65900 | | 127 J | | | | 6990 | 153 J | 47.5 J | 67000 J | | | 198 J | 112 J | | | |
| Lead | mg/kg | 500 | 10.5 | 22.3 | 9.2 | 16.2 | 5.8 | 14.0 | 12.8 | 7.8 | 6.7 | 10.6 | 11.5 | 5.7 | 3.3 | 7.3 | 9.0 | 10.4 | 7.1 | 12.4 | | 7.0 |
| m&p-Xylene | ug/kg | 4100 ⁽²⁾ | | | | | | | | 2650 | | | | | | | | | | | | 180000 |
| Mercury | mg/kg | | 0.014 | 0.025 | 0.026 | 0.45 | 0.014 | 0.019 | 0.023 | 0.019 | 0.012 | 0.034 | 0.021 | 0.0090 J | 0.036 | 0.0089 J | 0.038 1g | 0.035 1g | 0.0075 1g | 0.047 1g | 0.037 1g | 0.037 1g |
| Naphthalene ⁽³⁾ | ug/kg | 20000 | | 32.8 J | | 2210 | | 33.6 J | 131 | 444000 | 14600 | 4390 | 181 | 388 | 2930000 | 280 | 129 | 1570 | 453 | 42.4 J | | 8730000 |
| Naphthalene ⁽⁴⁾ | ug/kg | 20000 | | | | 10900 J | | 133 | | 1000000 | 48700 | 2760 | 83.3 J | 119 | 2410000 | 157 | | | 444 | 179 | | 6320000 |
| o-Xylene | ug/kg | 4100 ⁽²⁾ | | | | | | | | 1010 | | | | | | | | | | | | 72300 J |
| Phenanthrene | ug/kg | 18000 | | 113 J | | 78800 | | 190 J | | 144000 | | 4420 | 163 J | 111 J | 952000 | | | | | | | 1690 |
| Phenol | ug/kg | | | | | | | | | 14200 J | 1360 J | | | | | | | | | | | 1260000 |
| Pyrene | ug/kg | 500000 | | 75.7 J | | 140000 | 72.0 J | 320 | 197 | 54700 | | 10700 | 286 | 130 J | 411000 | | | 264 | 502 | 67.0 J | | 841000 J |
| Selenium | mg/kg | | 0.36 J | 0.40 J | | 0.60 J | 0.46 J | 0.37 J | 0.35 J | | 0.22 J | 0.43 J | | 0.31 J | 0.23 J | 0.25 J | 0.63 J | 0.36 J | 0.27 J | | | 0.68 J |
| Silver | mg/kg | | 0.22 J | 0.70 J | 0.31 J | 0.089 J | 0.13 J | 0.090 J | 0.11 J | 0.24 J | 0.14 J | 0.14 J | 0.17 J | 0.13 J | 0.12 J | 0.12 J | | 0.11 J | 0.14 J | 0.14 J | | 0.12 J |
| Styrene | ug/kg | | | | | | | | | | | | | | | | | | | | | 48500 |
| Toluene | ug/kg | 1500 | | | | 61.0 J | | | | | 2060 | | | | | | | | | | | 125000 |

Qualifiers
J - Estimated concentration above the adjusted detection limit and below the adjusted reporting limit.
M0 - Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1 - RPD value was outside control limits.
1q - Analyte had a negative detect in the associated method blank at <0.005 mg/kg.

Notes
This table lists detections only. Blank cells mean the constituent was not detected.
1 - Soil standards are compiled from NR720 Table 1, and PAH standards are the suggested non-industrial generic soil cleanup levels provided in the 1997 WDNR Document, "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance."
2 - Standard is for total xylenes.
3 - Analyzed using Method 8150
4 - Analyzed using Method 8270

Prepared by: N. Keller
Checked by: L. Bakken

Table 7 (continued)
 Summary of Soil Analytical Results
 Former Wabash Alloys Facility
 Oak Creek, Wisconsin

| PARAMETER | UNITS | STANDARDS ¹⁾ | B-12 | B-13 | B-13 | B-14 | B-14 | B-15 | B-15 | B-16 | B-16 | B-17 | B-17 | B-18 | B-18 | B-19 | B-19 | B-20 | B-20 |
|------------------------------|-------|-------------------------|------------|------------|------------|---------|----------|---------|----------|----------|----------|------------|--------|---------|----------|----------|-------------|-------------|---------|
| | | | 11-11 | 7-5-10 | 12-1-11 | 2-6-1 | 7-5-10 | 16-10 | 10-20 | 7-8 | 16-10 | 5-4 | 14-10 | 2-4 | 10-12 | 10-12-5 | 18-20 | 18-20 | 4-5 |
| 1,2,4-Trimethylbenzene | ug/kg | | | 907 | 1670 | | | 65000 | 4280 | | 3540 | 509000 | 105 | 114 | 10900 | 64900 | 110 | | |
| 1,3,5-Trimethylbenzene | ug/kg | | | 753 | 1540 | | | | | | 2900 | 409000 | | | 8650 | 49000 | | | |
| 2,4-Dimethylphenol | ug/kg | | | 1020 J | | | | | | | | | 103 J | | | | | | |
| 2-Methylnaphthalene | ug/kg | 600000 | 103 J | 2900 | 610 J | | 157 J | 88700 | 5750 | 876000 J | 31000 | 12900000 J | 58.0 J | 849 J | 206000 | 1050000 | 149 J | | 160 J |
| 2-Methylphenol(o-Cresol) | ug/kg | | | | | | | | | | | | | | | | | | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | | | 172 J | | | | | | | | | | | | | | | |
| Acenaphthene | ug/kg | 900000 | | 1430 J | | | 98.8 J | 35700 | 1820 | 1520000 | 31900 | | | | 2570 J | 509000 | 332000 J | | |
| Acenaphthylene | ug/kg | 18000 | | | | | | | 178 J | | | | | | | | 90100 J | | |
| Anthracene | ug/kg | 5000000 | | 784 J | | 61900 | 104 J | 28000 | | 3590000 | 9550 | | | 12000 | 160000 | 285000 J | | 169 J | |
| Arsenic | mg/kg | 1.6 | 3.8 | 3.6 | 3.9 | 4.0 | 8.1 | 11.5 | 4.5 | 8.3 | 3.4 | 17.3 | 4.5 | 5.9 | 2.0 J | 3.7 | 3.8 | 169 J | 3.6 |
| Barium | mg/kg | | 68.8 | 20.5 | 37.2 | 85.2 | 49.8 | 44.8 | 30.5 | 61.7 | 34.6 | 117 | 54.2 | 72.4 | 18.3 | 86.3 | 43.7 | 55.8 | 38.3 |
| Benzene | ug/kg | 5.5 | | 212 J | 442 J | | | | | | | 286000 | 596 | | | 40400 | | | |
| Benzo(a)anthracene | ug/kg | 88 | | 870 J | | 129000 | 56.4 J | 12600 J | 105 J | 1240000 | 8540 | 2330000 J | | 17700 | 101000 | 153000 J | | 865 R1 | 129 J |
| Benzo(a)pyrene | ug/kg | 8.8 | | 921 J | | 89100 | 29.5 J | 6950 J | | 905000 J | 4280 J | | 21500 | 60100 J | 107000 J | | 1140 MO, R1 | 69.2 J | |
| Benzo(b)fluoranthene | ug/kg | 88 | | 984 J | | 70600 | 30.6 J | 7300 J | | 848000 J | 3400 J | | 18900 | 59800 J | 96700 J | | 1010 R1 | 60.7 J | |
| Benzo(g,h,i)perylene | ug/kg | 1800 | | | | 41100 J | | | | | | | 16000 | | | | 816 MO, R1 | | |
| Benzo(k)fluoranthene | ug/kg | 880 | | 1110 J | | 102000 | 36.3 J | 6110 J | | 714000 J | 5520 J | | 19400 | 63800 J | 110000 J | | 991 R1 | 70.2 J | |
| bis(2-Ethylhexyl)phthalate | ug/kg | | | 7050 | | | | | | | | | | | | | | | |
| Cadmium | mg/kg | 510 | 0.23 J | 0.21 J | 0.25 J | 0.33 J | 0.25 J | 0.19 J | 0.19 J | 0.62 | 0.28 J | 3.1 | 0.17 J | 0.33 J | 0.17 J | 0.17 J | 0.16 J | 0.24 J | 0.22 J |
| Chromium | mg/kg | 200 | 20.4 | 13.4 | 18.8 | 31.0 | 16.4 | 14.6 | 13.2 | 22.9 | 21.8 | 33.4 | 20.5 | 27.5 | 8.1 | 35.0 | 14.4 | 18.5 | 14.6 |
| Chrysene | ug/kg | 8800 | | 1100 J | | 108000 | 87.0 J | 19700 | | 1320000 | 7590 | | 20900 | 103000 | 227000 J | | 1080 MO, R1 | 93.5 J | |
| Cyanide | mg/kg | | | | | 11600 J | | | | 0.41 J | | 84.2 | | | | | | 189 J | |
| Dibenz(a,h)anthracene | ug/kg | 8.8 | | | | | | | | | | | | 3340 J | | | | | |
| Dibenzofuran | ug/kg | | | 1030 J | | | | 29400 | 1560 | 1570000 | 24600 | | | | 376000 | 339000 J | | | |
| Ethylbenzene | ug/kg | 2900 | | 340 J | 1130 | | | 10900 | 643 | | 1290 J | 297000 | | | | 32200 | | | |
| Fluoranthene | ug/kg | 600000 | 36.8 J | 2450 | | 270000 | 165 J | 41600 | 355 J | 3640000 | 32600 | 7090000 J | 57.9 J | 31400 | 476000 | 502000 J | 75.8 J | 1240 MO, R1 | 506 |
| Fluorene | ug/kg | 6000000 | 31.8 J | 917 J | | 30400 J | 100 J | 32100 | 1280 | 2280000 | 27800 | 4150000 J | 28.9 J | 2980 J | 449000 | 343000 J | 55.3 J | 74.5 J | 234 J |
| Indeno(1,2,3-cd)pyrene | ug/kg | 88 | | 631 J | | 48000 | | | | 443000 J | 1880 J | | 14700 | 23900 J | | | | 753 R1 | |
| Lead | mg/kg | 500 | 8.3 | 6.5 | 6.1 | 14.1 | 8.8 | 7.8 | 6.2 | 24.7 | 8.1 | 158 | 6.5 | 12.2 | 3.5 | 11.1 | 5.6 | 7.2 | 6.1 |
| m&p-Xylene | ug/kg | 4100 ²⁾ | | 1150 | 861 J | | | 45600 | 3330 | | | 834000 | | | | 140000 | | | |
| Mercury | mg/kg | | 0.0090 J1q | 0.0083 J1q | 0.0053 J1q | 0.048 | 0.0083 J | 0.010 J | 0.0097 J | 0.44 | 0.0096 J | 84.4 | 0.012 | 0.11 | 0.010 J | 0.077 | 0.010 J | 0.032 | 0.045 |
| Naphthalene ³⁾ | ug/kg | 20000 | 805 | 28300 | 36400 | 173 | 201 | 128000 | 7520 | 782000 | 176000 | 17200000 | 1210 | 3550 | 423000 | 2650000 | 558 | 71.3 J | 2880 |
| Naphthalene ⁴⁾ | ug/kg | 20000 | 187 | 11400 | 721 MO | | | 812000 | 47800 | 1810000 | 84500 | 23100000 | 668 | 2870 J | 557000 | 4060000 | 885 | 139 | 245 |
| o-Xylene | ug/kg | 4100 ²⁾ | | 515 | 1140 | | | 18100 | 1100 | | 1330 J | 349000 | | | 43700 | | | | |
| Phenanthrene | ug/kg | 18000 | | 2870 | | 199000 | 287 | 77600 | 1530 | 7190000 | 69800 | 13000000 J | 110 J | 22400 | 1100000 | 926000 | 147 J | 559 MO, R1 | 827 |
| Phenol | ug/kg | | | | | | | | | | | | | | | | | | |
| Pyrene | ug/kg | 500000 | | 1540 | | 260000 | 112 J | 27700 | 230 J | 2650000 | 19300 | 4600000 J | | 29200 | 324000 | 352000 J | 49.3 J | 1370 MO, R1 | 303 J |
| Selenium | mg/kg | | 0.20 J | 0.21 J | 0.33 J | 0.54 J | 0.42 J | 0.56 J | | 1.3 J | 0.18 J | 3.7 | 0.40 J | | 0.17 J | 0.49 J | 0.24 J | 0.19 J | 0.38 J |
| Silver | mg/kg | | 0.13 J | 0.10 J | 0.092 J | 0.25 J | 0.18 J | 0.15 J | | 0.19 J | 0.12 J | 0.55 J | 0.17 J | 0.18 J | | 0.31 J | 0.083 J | 0.057 J | 0.098 J |
| Styrene | ug/kg | | | | | | | 768 | | | | 283000 | | | | | | | |
| Toluene | ug/kg | 1500 | | | 533 J | | | | 458 J | | | 776000 | | | | 85600 | | | |

Qualifiers

J - Estimated concentration above the adjusted detection limit and below the adjusted reporting limit.

MO - Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

1q - Analyte had a negative detect in the associated method blank at -0.0035 mg/Kg.

Notes

This table lists detections only. Blank cells mean the constituent was not detected.

1 - Soil standards are compiled from NR720 Table 1, and PAH standards are the suggested non-industrial generic soil cleanup levels provided in the 1997 WIDNR Document, "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance".

2 - Standard in for total xylenes.

3 - Analyzed using Method 8200

4 - Analyzed using Method 8270

Prepared by: N. Keller

Checked by: L. Gekken

Table 8
Summary of Groundwater Analytical Results
Former Wabash Alloys Facility
Oak Creek, Wisconsin

| PARAMETER | UNITS | NR 140 ES | NR 140 PAL | MW-1 | MW-2 | MW-5 | MW-8 | GW-DUP-01 ⁽¹⁾ | MW-9 | MW-14 | MW-15 | MW-16 | MW-18 | MW-20 |
|------------------------------|-------|--------------------|-------------------|---------|--------|---------|----------|--------------------------|--------|---------|---------|---------|--------|---------|
| 1,2,4-Trimethylbenzene | ug/L | 480 ⁽²⁾ | 96 ⁽²⁾ | | | 10.5 | 289 | 296 | | | 66.7 | | 19.4 | |
| 1,3,5-Trimethylbenzene | ug/L | 480 ⁽²⁾ | 96 ⁽²⁾ | | | | 163 | 163 | | | 29.1 | | | |
| 2,4-Dimethylphenol | ug/L | | | 18.8 | | 69.2 J | 19200 | 19800 | | | | 157 J | | |
| 2-Methylnaphthalene | ug/L | | | 1.8 J | | 71.3 J | 2020 J | 1350 J | | | 57.0 J | 732 | 274 | 6.6 J |
| 2-Methylphenol(o-Cresol) | ug/L | | | 13.3 | | 70.1 J | 13900 | 16400 | | | | | | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | | | 29.0 | 0.92 J | 147 J | 28300 | 32100 | | | 33.9 J | | | |
| Acenaphthene | ug/L | | | | | | | | | | 36.3 J | 376 J | 609 | 6.0 J |
| Anthracene | ug/L | 3000 | 600 | | | | | | | | 13.8 J | | 136 | 8.9 J |
| Arsenic, Dissolved | ug/L | 10 | 1 | | 3.2 J | 4.6 JB | 24.4 | 24.7 | 3.9 JB | 3.6 JB | 7.7 JB | 5.3 JB | 3.2 JB | 4.6 JB |
| Barium, Dissolved | ug/L | 2000 | 400 | 41.8 | 64.3 | 293 | 109 | 106 | 44.4 | 142 | 120 | 97.2 | 98.8 | 178 |
| Benzene | ug/L | 5 | 0.5 | | | 49.2 | 13500 | 13600 | | | 24.6 J | 71.7 | | |
| Benzo(a)anthracene | ug/L | | | | | | | | | | | | 102 | 2.0 J |
| Benzo(a)pyrene | ug/L | 0.2 | 0.02 | | | | | | | | | | 52.5 J | |
| Benzo(b)fluoranthene | ug/L | 0.2 | 0.02 | | | | | | | | | | 47.6 J | |
| Benzo(k)fluoranthene | ug/L | | | | | | | | | | | | 55.1 J | |
| Cadmium, Dissolved | ug/L | 5 | 0.5 | | 0.29 J | 1.5 J | 0.34 J | 0.29 J | 0.48 J | | | | 0.32 J | |
| Carbazole | ug/L | | | | | | | | | | 31.6 J | 245 J | 22.8 J | 13.6 |
| Chromium, Dissolved | ug/L | 100 | 10 | 0.79 JB | 0.56 J | 0.73 JB | 0.86 J | 0.71 JB | 23.8 | 0.64 JB | 0.98 JB | 0.74 JB | 0.63 J | 0.73 JB |
| Chrysene | ug/L | 0.2 | 0.02 | | | | | | | | | | 88.3 | 4.0 J |
| Cyanide | ug/L | 200 | 40 | | | | 0.0075 J | | | | | | | |
| Dibenzofuran | ug/L | | | | | | | | | | 28.2 J | 196 J | 458 | 4.3 J |
| Ethylbenzene | ug/L | 700 | 140 | | | 10.8 | 644 | 651 | | | 42.4 | 109 | 16.7 | |
| Fluoranthene | ug/L | 400 | 80 | 1.1 J | | | | | | | | | 503 | 8.8 J |
| Fluorene | ug/L | 400 | 80 | | | | | | | | 33.8 J | 179 J | 514 | 6.3 J |
| Indeno(1,2,3-cd)pyrene | ug/L | | | | | | | | | | | | 21.2 J | |
| Isopropylbenzene (Cumene) | ug/L | | | | | | | | | | | | 9.5 J | |
| Lead, Dissolved | ug/L | 15 | 1.5 | | 1.5 J | | 1.4 J | 2.6 J | 2.8 J | 1.7 J | | 2.6 J | | |
| m&p-Xylene | ug/L | 10000 | 1000 | | | 44.4 | 2620 | 2700 | | | 121 | | | |
| Naphthalene | ug/L | 100 | 10 | 11.7 | | 1660 | 16400 | 16000 | | | 1220 | 9640 | 2520 | 109 |
| Naphthalene | ug/L | 100 | 10 | | | 943 | 19700 | 18000 | | | 551 | 8140 | 859 | 298 |
| o-Xylene | ug/L | 10000 | 1000 | | | 15.4 | 879 | 894 | | | 51.6 | | | |
| Phenanthrene | ug/L | | | 1.5 J | | | 1440 J | 628 J | | | 47.0 J | 104 J | 1130 | 16.1 |
| Phenol | ug/L | 6000 | 1200 | 8.2 | | 48.9 J | 8370 | 9970 | | | | | | |
| Pyrene | ug/L | 250 | 50 | | | < 70.6 | | | | | | | 299 | 5.0 J |
| Selenium, Dissolved | ug/L | 50 | 10 | 3.1 J | | 2.4 J | 2.8 J | 3.7 J | | 3.2 J | | 3.1 J | 3.9 JB | 4.6 J |
| Styrene | ug/L | 100 | 10 | | | | 468 | 479 | | | | | | |
| Toluene | ug/L | 1000 | 200 | | | 64.2 | 7290 | 7240 | | | 29.1 | 34.5 J | | |

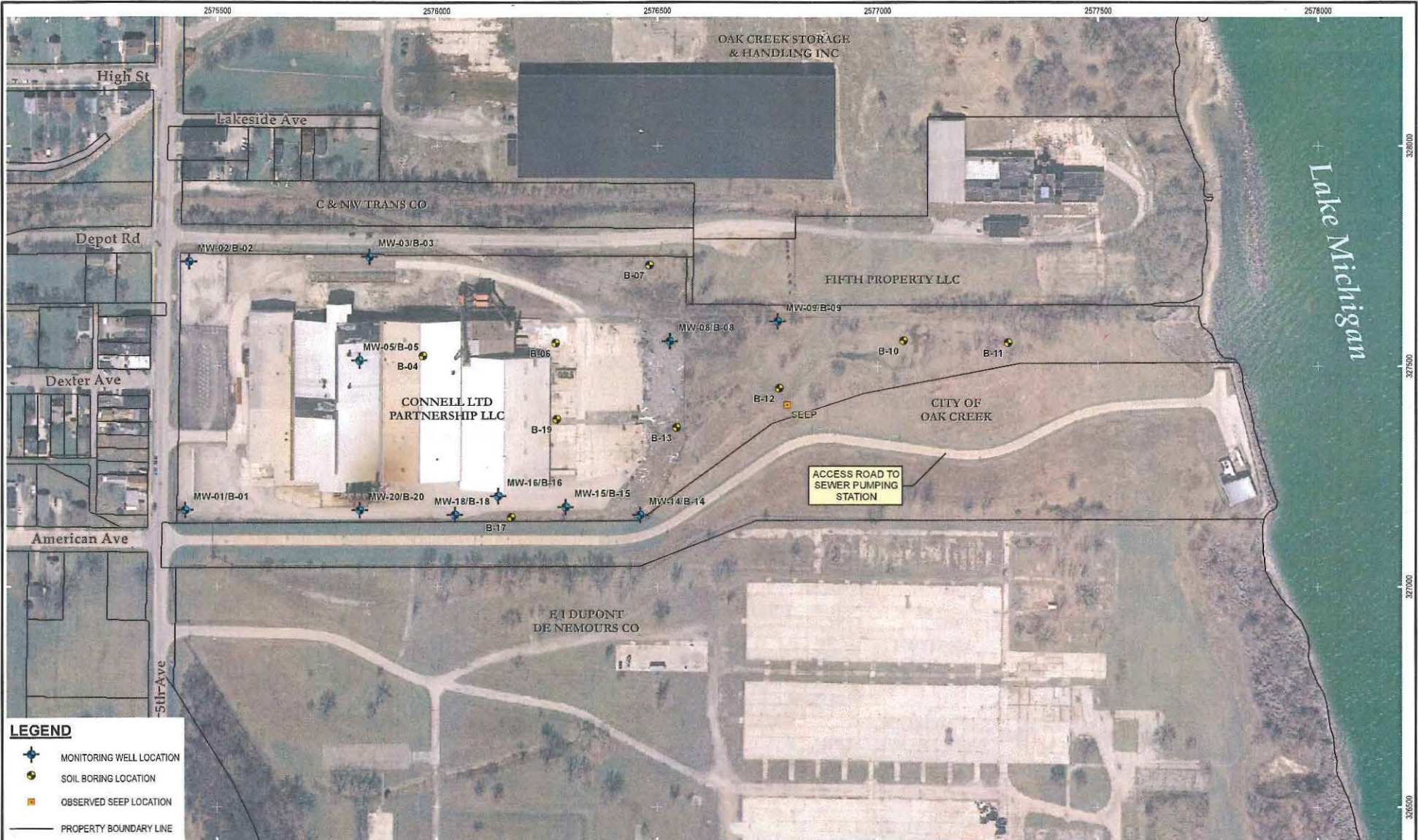
Qualifiers

J - Estimated concentration above the adjusted detection limit and below the adjusted reporting limit.
 B - Analyte was detected in the associated method blank.

Prepared by: N. Keller
 Checked by: L. Bakken

Notes

- 1 - GW-DUP01 was collected from the MW-8 location
- 2 - Standards for 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene are for total trimethylbenzenes
- Italic* values indicate exceedences of NR140 Preventative Action Limits (PALs)
- Bold** values indicate exceedences of NR 140 Enforcement Standards (ES)



Drawing Name / Location: D:\0013\01\0001\0001\0001\0001.dwg 8/2/2010 09:41:48
 Date Plotted: 11/20/2010
 Cartographer: PAPERZ J

LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION
- OBSERVED SEEP LOCATION
- PROPERTY BOUNDARY LINE

1" = 200'
1:2,400

0 200 400

SCALE IN FEET

NOTES

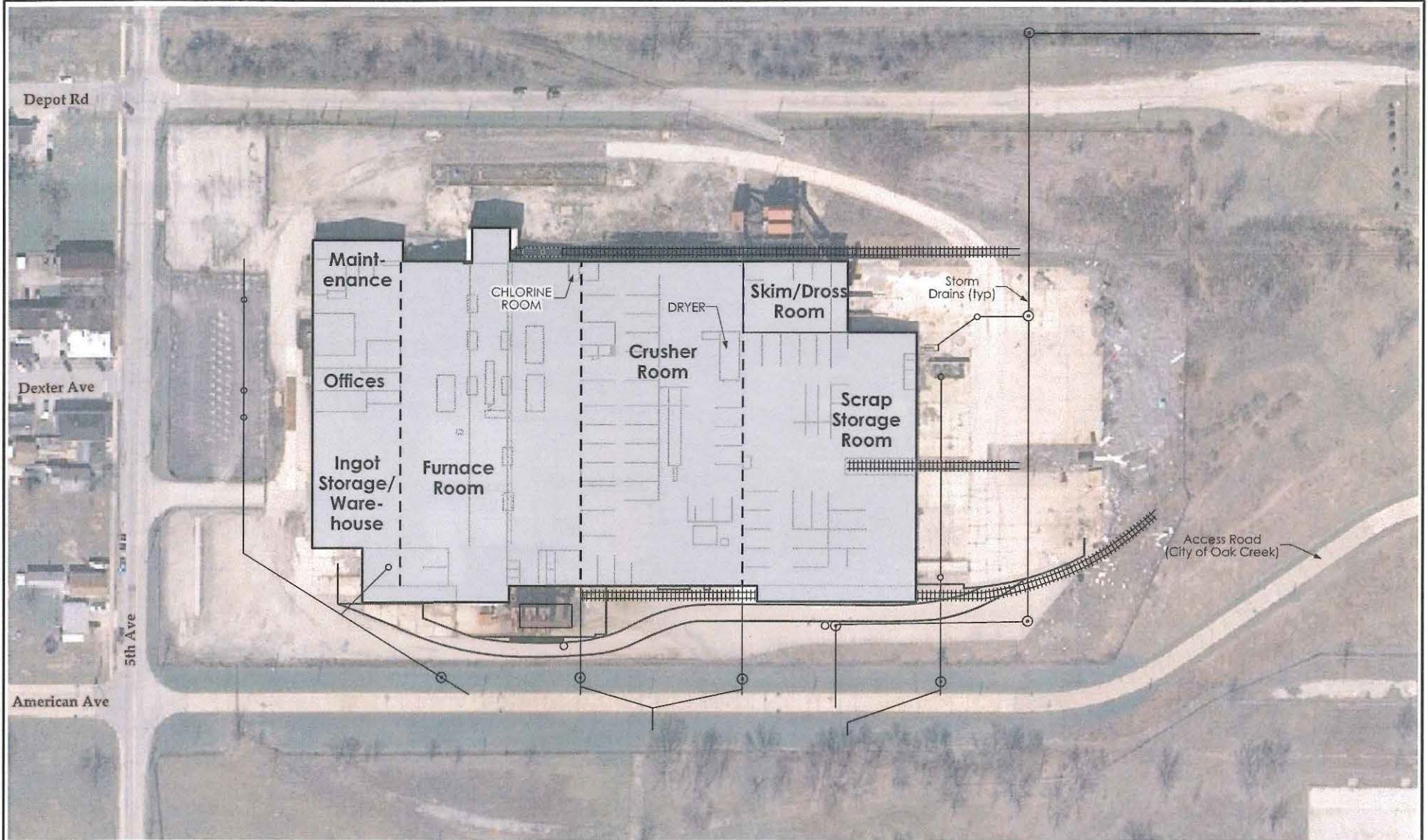
1. BASE MAP IMAGERY AND PARCEL LINES FROM MILWAUKEE COUNTY ARCGIS WEB MAP SERVICE, 2007.
2. MAP PROJECTION AND GRID COORDINATES ARE NAD27 STATE PLANE WISCONSIN SOUTH, US SURVEY FEET.

| | |
|--------------|-------------|
| DRAWN BY: | PAPERZ J |
| CHECKED BY: | KELLER N |
| APPROVED BY: | WEDERKIND J |
| DATE: | AUGUST 2010 |

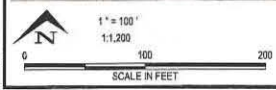
RMT

RMT Monitoring Staff
 Madison: 608.277.7334
 P.O. Box 8933 53708-8933
 Phone: 608.277.7334
 Fax: 608.277.7334

| | |
|---|---------------------------------------|
| CONNELL LP | OAK CREEK, WISCONSIN |
| SITE LAYOUT AND MONITORING WELL AND BORING LOCATIONS | |
| 8/2/2010 | |
| SCALE: AS NOTED | DWG. NAME: 08125 01.002 081250101.dwg |
| | SHEET NO. FIGURE 1 |



Drawing Name / Location: D:\06\19\04\04\0001\000108 and 102010\064133
 Designer: PAREZ, J
 Date Printed: 11/09/07



NOTES
 1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY ACRGIS WEB MAP SERVICE, 2007.

| | |
|--------------|--------------|
| DRAWN BY: | PAREZ, J |
| CHECKED BY: | KELLER, N |
| APPROVED BY: | WEDERKIND, J |
| DATE: | AUGUST 2010 |



244 Woodland Trail
 Madison, WI 53717-0924
 P.O. Box 622 53706-0022
 Phone: 608-271-6444
 Fax: 608-271-2334

| | | | |
|---------------------------------|---------------|----------------------|----------|
| CONNELL LP | | OAK CREEK, WISCONSIN | |
| INTERIOR BUILDING LAYOUT | | | |
| SCALE | FIG. NO. | DWG. NAME | SHT. NO. |
| AS NOTED | 081318.01.002 | 0813180108.mxd | FIGURE 2 |



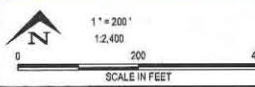
Drawing Name / Location: D:\GIS\Borehole\00001390111.mxd (02/20/10, 09:41:56)
 Date Plotted: 02/20/10
 Designer: PAFZJ
 Checker: WJ

LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION
- OBSERVED SEEP LOCATION
- CURRENT BUILDING OUTLINE

LABEL FORMAT

SAMPLE ID
 BTEX CONCENTRATION (mg/L)
 FLUORANTHENE CONCENTRATION (mg/L)



- NOTES**
1. BASE MAP IMAGERY FROM USGS EARTH EXPLORER, 1955.
 2. MAP PROJECTION AND GRID COORDINATES ARE NAD27 STATE PLANE WISCONSIN SOUTH, US SURVEY FEET.
 3. INTERPRETED DATA DUE TO ELEVATED DETECTION LIMITS.

DRAWN BY: PAFZJ
 CHECKED BY: KILLER N
 APPROVED BY: WEDKING J
 DATE: AUGUST 2010

RMT

764 Marketing Trail
 Madison, WI 53711-0324
 P.O. Box 900, Suite 400
 Phone: 608-271-6611
 Fax: 608-271-2237

CONNELL LP OAK CREEK, WISCONSIN

DISTRIBUTION OF BTEX AND FLUORANTHENE IN SUBSURFACE SOIL

| | | | |
|-----------------|-----------------------|--------------------------|-------------|
| SCALE: AS NOTED | FILE NO: 08119-01-002 | DWG. NAME: 081190111.mxd | SHEET NO: 6 |
| | | | FIGURE 6 |

Appendix B Boring Logs

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|--------------------------|---|---|---|
| Project Name Counell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-1 |
| Boring Drilled By OnSite Environmental (Tommy) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-1 | Initial Water Level 0.88' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section T N,R | | Easting 2575426.2 Northing 327173.9 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RGD/ | Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|------|----------|
| 1 | | | 0-3" | gravel red brown lean clay, plastic, tr. gravel, no odor moist | | | 0.2 | | | |
| | | | 3-4" | sandy gravel (Farmer's parking lot wet lots of water in hole) As Above from 3"-2.5 ft | | | 0.5 | | | |
| 5 | | | 4-6" | As Above, no gravel, more silt wet | | | 0.2 | | | |
| | | | 8" | | | | 0.1 | | | |
| 4 | | | 10" | As Above, v. stiff | | | 0.3 | | | |
| | | | 12" | | | | | | | |
| | | | 15" | End @ 15ft | | | | | | |

Logged By: Nathaniel L Keller

Checked By: [Signature]

Well set ~ 5-15
Sample 2.5-9 @ 1015

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|--|--------------------------|---|---|--|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-2 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 OT | Common Well Name MW-2 | Initial Water Level 4.12' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2575434.8 Northing 327737.5 | | Local Grid Location (If applicable) | | |
| 1/4 of | 1/4 of Section | T | N,R | <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | | 0 2 8" - 1' sand & gravel below asphalt | | OS | | | |
| | 3.5 | | | Clay/silt, w/ sand clumps & brick fill, dk grey/brown w/ yellowish zones, no odor, moist med stiff, low plasticity | | 0.7 | | | |
| | | | | 4 Black clay w/ tr. gravel, plastic | | 0.3 | | | |
| | 3.5 | | | 6 grades to grey clay, no odor moist, stiff | | | | | |
| | | | | 8 grey clay w/ tr. sand & gravel, no odor, moist, med stiff to salt | | 0.5 | | | |
| | 3' | | | Some wet yellow brown gravel @ 9ft | | | | | |
| | | | | 10 As above from NK @ 8ft & 6ft Color to red brown | | 0.3 | | | |
| | | | | 11 @ 12 4" fine silty sand, non plastic yellowish brown odor, wet | | | | | |

Logged By:

John R Miller

Checked By:

Red Creech

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|---|--------------------------|---|---|---|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-2 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 OT | Common Well Name MW-2 | Initial Water Level 4.12' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section T N,R | | Easting 2575434.8 Northing 327787.5 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 12 | | | | | | |
| | 41 | | 14 | lean grey clay w/ silt & f. sand, plastic, greyish brown, no odor wet | | 0.1 | | | |
| | | | 15 | End @ 15 ft | | | | | |

| | |
|--------------------------------|----------------------------|
| Logged By: Anthony R. Kelly | Checked By: [Signature] |
|--------------------------------|----------------------------|

F-204A (CR 12-94)

Well 5-15
Sample 2.5-5 @ 935 7.5-10 940

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|---|--------------------------|---|---|-------------------------------|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-3 |
| Boring Drilled By OnSite Environmental (Tommy) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name M4-3 | Initial Water Level Dry | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane | Easting 2575847.4 | Northing 327748.5 | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| 1/4 of | 1/4 of Section T | N,R | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | | | | | | |
| | 3.5 | | 1 | Sand w/ gravel fill, non plastic brown to grey, no odor, dry | | 1.8 | | | |
| | | | 2 | Black/dk grey clay/silt asphalt odor, moist med stiff, (fill) | | | | | |
| | | | 4 | Lean clay/silt, plastic, red brown, no odor, moist, stiff to v. stiff | | 1.6 | | | |
| | 4.0 | | 6 | As Above, 4% gravel | | | | | |
| | | | 7.5 | 2" wet silt @ 7.5 | | 1.3 | | | |
| | | | 8 | | | | | | |
| | | | 10 | As Above no gravel | | 1.4 | | | |
| | 4.5 | | 12 | color grades to dk brownish grey | | 1.2 | | | |

Logged By: *Mathew R Kehr*

Checked By: *[Signature]*

F-204A (R (12-94))

Well set 5-20 5-7.5 905
 Sample 900 @ 1-3

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|--|---------------------------|---|---|---------------------------------|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-3 |
| Boring Drilled By OnSite Environmental (Tommy) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MWD-3 | Initial Water Level Dry | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2575847.4 Northing 327748.5 | | Local Grid Location (If applicable) | | |
| 1/4 of | 1/4 of Section T N.R | Feet <input type="checkbox"/> N | Feet <input type="checkbox"/> E | Feet <input type="checkbox"/> S |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 10 | As Above | | 1.2 | | | |
| | | | 14 | | | | | | |
| | 3.5 ft | | 16 | AS Above | | 0.5 | | | |
| | | | 18 | | | | | | |
| | | | 20 | 2 EOB @ 20ft | | 0.9 | | | |

Logged By: *Michael R. Kelly*

Checked By: *Bob [unclear]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|--|---|-------------------------------|
| Project Name Cowell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-4 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 OT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2575968.8 Northing 327523.7 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | 4' | | 4-6" | Concrete | | 1.6 | | | |
| | | | | Clay/silt, some fast settling, low plasticity, no odor, moist, stiff | | 0.7 | | | |
| | | | 4' | | | | | | |
| | 3.5' | | 6' | Lean clay w/ tr - no gravel, plastic, no odor, dk brownish grey, no odor, moist, stiff-med stiff | | 2.0 | | | |
| | | | 8' | | | 1.8 | | | |
| | 4' | | 10' | As above, med stiff | | 5.2 | | | |
| | | | 12' | | | | | | |
| | | | 15' | FOB @ 15 ft | | 1.6 | | | |

Logged By: *Max Hank R Keller*

Checked By: *Red [Signature]*

Sample 10-12.5 @ 1355
2.5-5 @ 1400

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|--------------------------|--|---|-------------------------------|
| Project Name Cowell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-5 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 77300T | Common Well Name MW-5 | Initial Water Level 6.89 | Surface Elevation - | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2575824.2 Northing 327513.1 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 4-6" Concrete, | | | | | |
| | 4' | | 2 | 6" sand, red brown, no odor, moist | | 0.7 | | | |
| | | | 2 | lean clay, plastic, fr. gravel, red brown, no odor, moist, soft, wet zone @ 3' | | | | | |
| | | | 4 | | | | | | |
| | 3' | | 4 | Brownish grey lean clay, low plasticity, no odor, moist & hard | | 0.3 | | | |
| | | | 8 | | | | 38.8 | | |
| | 4' | | 10 | As Above visible tar/oil in fractures until about 13ft bss shift to v. stiff | | 203 | | | |
| | | | 12 | | | | | | |
| | | | 15 | EOB @ 15ft | | 42 | | | |

Logged By: *Michael L. [Signature]*

Checked By: *[Signature]*

F-204A (R 72-94)

Well sat - 5-15 Sample 7.5-10 @ 1340
12.5-15 @ 1345

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|---|---|---|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-6 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576269.9 Northing 327553.2 | | Local Grid Location (If applicable) | | |
| 1/4 of | 1/4 of Section T | N,R | Feet <input type="checkbox"/> N <input type="checkbox"/> S | Feet <input type="checkbox"/> E <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 4-6" concrete 6" gravel w/ sand | | 0.5 | | | |
| | 4.5' | | 2 | Lean gray/green clay/silt, some rust yellow brown mottling, no odor, moist | | 0.7 | | | |
| | | | 4 | At 4.25 black ground up asphalt/grease | | 0.9 | | | |
| | | | 6 | Black clay, med. stiff, plastic, no odor moist, some organic (roots) | | 0.7 | | | |
| | 4' | | 8 | As Above from 2 - 4.25 grades into | | 0.7 | | | |
| | | | 10 | ↓ lean silty clay, plastic, red brown no odor, moist, stiff to d. stiff | | 0.5 | | | |
| | 4.25' | | 12 | | | 0.5 | | | |
| | | | 15 | ↓ FOB @ 15ft | | | | | |

Logged By: Nathaniel R. Zeltz

Checked By: [Signature]

F-204A (R/12-94)

Sample 2.5 - 7.5 NK 1510
~~7.5 - 10 NK 1515~~
 7.5 - 10

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|---|------------------------|--|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-7 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576481.7 Northing 327730.8 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| 1/4 of T | 1/4 of Section N,R | County Milwaukee | State WI | DNR County Code Civil Town/City or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 4" wood chips | | 1.4 | | | |
| | 5 | | 2 | lean clay / silt w/ roots, some fast fractures, no odor, brown moist | | 1.2 | | | |
| | | | 4 | As Above but siltier @ 3-5, some greyish fractures/root traces | | | | | |
| | 4 | | 6 | As Above lean clay, plastic, brown w. gravel, moist, no odor stiff | | 1.2 | | | |
| | | | 8 | | | 0.7 | | | |
| | 4' | | 10 | As Above | | 0.9 | | | |
| | | | 12 | grades to brownish gray | | 1.2 | | | |
| | | | 15 | 2.5' @ 15ft | | | | | |

| | |
|----------------------------------|----------------------------|
| Logged By: Mathaniel R. Kelle | Checked By: [Signature] |
|----------------------------------|----------------------------|

F-204A (R 12-94)

Sample 215.5 @ 1400
1400 NK

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|--|--------------------------|--|--|-------------------------------|
| Project Name Cannell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-3 |
| Boring Drilled By OnSite Environmental (Tommy) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-8 | Initial Water Level 4.85' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576527.9 Northing 327556.9 | | Local Grid Location (If applicable) | | |
| 1/4 of T | 1/4 of Section N,R | Feet <input type="checkbox"/> N <input type="checkbox"/> S | Feet <input type="checkbox"/> E <input type="checkbox"/> W | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 2-3" wood chips clay sand gravel fill, rust colored & black, fatty odor, | | 0.9 | | | |
| | 4.25 | | 2 | Becomes blacker, more tar, not sticky saw coal fragments, strong odor | | 1.7 | | | |
| | | | 4 | lean clay w/ tr. gravel, tar/oil in fractures, plastic, strong odor, moist dk grey/black As Above, siltier @ 5-6 | | 2.6 | | | |
| | 3.75 | | 6 | same as 4-5, color took grey/brown | | 3.55 | | | |
| | | | 8 | @ 9ft 4" sand w/ significant tar/oil | | 1.33 | | | |
| | 4.5' | | 10 | lean clay, plastic, tr. gravel, strong odor, brown, tar/oil in fractures | | 1.54 | | | |
| | | | 12 | | | | | | |
| | | | 15 | less tar/oil | | | | | |

Logged By: *William R. Felt*

Checked By: *[Signature]*

F-204A (R 12-94)

Sample @ 7.5-10 1315
15-18 1320

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|--|--------------------------|--|---|-------------------------------|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-9 |
| Boring Drilled By OnSite Environmental (Tom) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-8 | Initial Water Level 4.85' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576527.9 Northing 327556.9 | | Local Grid Location (If applicable) | | |
| 1/4 of 1/4 of Section T ND T N,R | | <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 15 | Lean Clay w/ tr. gravel, plastic dk brownish gray, no odor wet | | 1.9 | | | |
| | 5' | | 17 | no visible tar in fractures betw 16ft | | | | | |
| | | | 19 | | | | | | |
| | | | 20 | EOB @ 20ft bgs | | | | | |
| | | | | Set well 5-15 | | | | | |

| | |
|---------------------------------------|-----------------------------------|
| Logged By: <i>Michael R. Kelly</i> | Checked By: <i>[Signature]</i> |
|---------------------------------------|-----------------------------------|

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|--------------------------|--|---|-------------------------------|
| Project Name Counell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-9 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-9 | Initial Water Level 4.38 | Surface Elevation - | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576771.6 Northing 327601.8 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 1 | Silt/clay brown w/ roots & sandy material | | 1.2 | | | |
| | 3.75' | | 2 | Lean clay plastic, brown w/ black staining & rust color, silt odor, moist some glass & ceramic, fill | | 0.7 | | | |
| | | | 4 | | | 0.5 | | | |
| | 4.0' | | 6 | Brown lean clay w/ tr. gravel, plastic, no odor, moist, stiff | | 0.7 | | | |
| | | | 8 | Silty fine sand, non plastic, brown, no odor, wet | | 0.5 | | | |
| | | | 10 | Lean brown clay, no odor, tr. gravel, moist, plastic, stiff | | 0.7 | | | |
| | 4.5' | | 12 | As Above color change to dk brownish grey | | 0.5 | | | |

| | |
|--------------------------------------|----------------------------|
| Logged By: Mikhail R. [Signature] | Checked By: [Signature] |
|--------------------------------------|----------------------------|

F-204A (R 12-94)

Well at 5-15

Sample 2.5-5 @ 1140
5-7.5 @ 1145

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|---|---|-------------------------------|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-10 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2577059.4 Northing 327558.6 | | Local Grid Location (If applicable) | | |
| 1/4 of 1/4 of Section T N,R | | Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Clay silt, dk brownish gray, plastic | | | | | |
| | 3.5 | | 2 | no odor, moist, some root traces and stiff | | 2.5 | | | |
| | | | 4 | more silt @ 3-4 ft | | 2.0 | | | |
| | 4.0 | | 6 | As above from 0-3, gravel (fines) present, plastic to very plastic, stiff | | 2.0 | | | |
| | | | 8 | | | 1.8 | | | |
| | | | 10 | 4" f-m sand, no odor, wet, dk gray | | | | | |
| | 3.75 | | 10 | As Above from 5-9.5 ft lys | | 1.6 | | | |
| | | | 15 | E of B @ 15 ft | | | | | |
| | | | | | | 1.2 | | | |

Logged By: Anthony R Keller

Checked By: [Signature]

B10-5-7.5 @ 940

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|-----------------------|---|---|---|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number P-11 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane | Easting 2577296.0 | Northing 327553.9 | Local Grid Location (If applicable) | |
| 1/4 of | 1/4 of Section T | N.R. | Feet <input type="checkbox"/> N <input type="checkbox"/> S | Feet <input type="checkbox"/> E <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | | | | | | |
| | 4.5 | | 2 | Clay/silt w/ gravel & organic roots, dk brown/loam no odor, wet As Above, some dust, grey fracturing no odor, w. gravel | | 20 | | | |
| | | | 4 | grades into silty clay w/ gravel plastic dk brownish grey, no odor moist, stiff to v. stiff | | 1.4 | | | |
| | 4' | | 6 | As Above | | 1.6 | | | |
| | | | 8 | | | 1.4 | | | |
| | 5' | | 10 | lean clay, w/ gravel, plastic, dk brownish grey no odor, moist stiff to v. stiff | | 1.2 | | | |
| | | | 12 | | | 1.2 | | | |
| | | | 15 | | | 1.0 | | | |

Logged By: Nathaniel R. Kelle

Checked By: Ted [Signature]

Sample 0-2.5 @ 1025
1030

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|---|---|-------------------------------|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-12 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730DT | Common Well Name - | Initial Water Level - | Surface Elevation - | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576775.8 Northing 327449.8 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Lean clay/silt, w/ organic matter, roots, plastic, brown, no odor, no's | | 1.2 | | | |
| 4 | | | 2 | Black clay fr. gravelly sand, plastic, black strong odor (uracate) some oily fractures, moist | | 205 | | | |
| 4.5 | | | 6 | As above, less sticky still oily fractures | | 124 | | | |
| | | | 8 | -2-3" sand w/ oil & tar, strong odor black, wet | | 247 | | | |
| | | | 10 | Lean clay dk brownish grey, plastic silt odor, moist, stiff, tar not visible @ 10ft | | 215 | | | |
| 3 | | | 12 | Lean Clay, plastic dk grey brown no odor, moist, silt | | 10.9 | | | |

Logged By: *[Signature]* R. Kelly
 Checked By: *[Signature]*

B-12-7-9 915
 B-12-13-15 920

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|---------------------------|---|--|--|
| Project Name Cunell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-13 |
| Boring Drilled By OnSite Environmental (Tommy) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name _____ | Initial Water Level _____ | Surface Elevation _____ | Borehole Diameter 2 Inches |
| Boring Location State Plane | Easting 2576543.5 | Northing 327361.2 | Local Grid Location (If applicable) | |
| 1/4 of T | 1/4 of Section T | N,R N,R | Feet <input type="checkbox"/> N <input type="checkbox"/> S | Feet <input type="checkbox"/> E <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|--|---------|----------------------|--------------|--------------|
| | 3.5 | | 0 | 0.5 gravel w/ clay, glass, fill, Lean Clay, plastic, brown, moist, v. stiff, no odor | | 1.3 | | | |
| | | | 2 | ↓ | | 2.8 | | | |
| | | | 4 | | | | | | |
| | 2.5 | | 6 | ~4" tarry sand/ground up coal, strong odor, moist, pushed a rock, very soft, possibly tarry sediment?? | | 6.9 | | | |
| | | | 8 | ↓ | | 13.4 | | | |
| | | | 10 | | Lean Clay, plastic, grey, wet, no odor, gravel and clay (doughy), seen on water surrounding core mostly clay for, in fracture to ~ 12 ft - 693 | | 8.9 | | |
| | 4' | | 15 | 1/2 Lean Clay w tr. gravel, plastic brown, no odor, moist, v. stiff | | 10.9 | | | |
| | | | 15 | | | 6.4 | | | |

| | |
|----------------------------------|----------------------------|
| Logged By: Nathaniel R. Kelly | Checked By: [Signature] |
|----------------------------------|----------------------------|

F-204A (R 12-94)

Sample 7.5-10 @ 1215
12.5-15 @ 1220

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|---------------------------|---|------------------------|---|
| Project Name Counell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-17 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-14 | Initial Water Level 8.58' | Surface Elevation - | Borehole Diameter ~ 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 2576461.3 T | | Northing 327162.9 N,R |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Clay w/ gravel, roots, some hard rock tar, blocks/shatters, slight odor | | 0.9 | | | |
| | 3.5 | | 2 | 4" of concentrated black sludge 3.5ft strong creosote odor | | 0.5 | | | |
| | | | 4 | Clay silt & to gravel & f. sand slight odor, plastic, moist, grey brown | | 0.3 | | | |
| | 4.5 | | 6 | As above 2" f-m sand seams @ 7, 7.75, & 8.5, silty sand, wet | | 0.3 | | | |
| | | | 8 | Clay as from 4-6 | | 0.7 | | | |
| | | | 10 | ~6 silty sand w/ gravel, non plastic brown, no odor, wet | | 0.5 | | | |
| | 4.0 | | 12 | Silty clay w/ gravel, plastic, dk brown grey, no odor, moist, stiff to | | 0.3 | | | |
| | | | 15 | V. stiff EOB @ 15ft | | | | | |

| | |
|----------------------------------|-----------------------------------|
| Logged By: <i>[Signature]</i> | Checked By: <i>[Signature]</i> |
|----------------------------------|-----------------------------------|

F-204A (R/12-94)

Set Well 5-15 2.5-5 @ 1415
 7.5-10 1420

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|---------------------------|--|----------------------------|---|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-15 |
| Boring Drilled By OnSite Environmental (Toway) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name _____ | Initial Water Level _____ | Surface Elevation _____ | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576292.6 Northing 327181.5 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 2" Asphalt | | | | | |
| | | | 0-8" | sands, gravel fill | | | | | |
| 4 | | | 2 | lean clay w/ gravel, plastic, grey brown, no odor, moist, stiff to v stiff | | 2.3 | | | |
| | | | 4 | | | 1.8 | | | |
| | | | | As above | | 4.2 | | | |
| | | | 6 | | | | | | |
| | | | 8 | dk gray green clay/sand, w/ black staining, may be coal, or hardened | | 8.0 | | | |
| 3 | | | 9 | Refusal on concrete | | | | | |
| | | | 10 | slide over & drill again see B-15A | | | | | |
| | | | 12 | | | | | | |

Logged By: *Anthony R. [Signature]*

Checked By: *[Signature]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|---------------------------|---|---|-------------------------------|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-15(A) |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MU-15 | Initial Water Level 12.24 | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of | Easting 2576292.6 | Northing 8271015 | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| County Milwaukee | State WI | DNR County Code T | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 5 | As Above | | | | | |
| | 4.5 | | 7 | 3" interval dry {silt, non plastic, red brown, odor - moist, med stiff | | | | | |
| | 4 | | 9 | @ 9.5 interval, 23"-4" thick strong odor | | 5.2 | | | |
| | | | 11 | As above silty clay w/ trace of gravel, tar in the fractures, greyish brown | | | 8.7 | | |
| | | | 13 | odor, wet, stiff to v. stiff | | | 4.9 | | |
| | 3.5 | | 15 | As Above | | | 20.1 | | |
| | | | 17 | 18-19 silt of fine sand, oil/tar in fractures | | | 115.3 | | |
| | | | 19 | silty clay w/ trace gravel, plastic, brown grey, silt odor, no visible tar | | | | | |
| | | | 20 | | | | 18.4 | | |

Logged By: *[Signature]*

Checked By: *[Signature]*

B-15 19-20 1455
B-15 16-18 1500

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|--|---------------------------|---|---|-------------------------------|
| Project Name Crawell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-16 |
| Boring Drilled By OnSite Environmental (Tommy) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 OT | Common Well Name MW-16 | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane | Eastings 2576139.2 | Northings 327205.8 | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City/Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 2-3" Asphalt sand & gravel | | 21 | | | 945 |
| | 2.5 | | 2 | Lean clay w/ trace gravel, plastic brown, faint creosote odor, moist | | | | | |
| | | | 4 | at 2.5, black sandy creosote material strong odor, moist | | 11 | | | |
| | 4 | | 6 | sand w/ gravel, wet, brown w/ black staining, creosote odor | | 14.4 | | | |
| | | | 8 | Tuff sand w/ wood pieces & gravel, v. plastic & gassy, black, strong odor creosote | | 8 | | | |
| | | | 10 | grey green clay w/ far in fractures strong odor, moist | | | | | |
| | 3.75 | | 12 | med stiff clay, plastic, brown grey w/ far in fractures, strong odor moist | | 16.6 | | | |
| | | | | | | 6.2 | | | |

Logged By: *Matthew R Keller*

Checked By: *Red [Signature]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|---|---------------------------|---|--------------------|---|
| Project Name Coville Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-16 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-16 | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 2576139.2 T | | Northing 327205.8 N,R |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 12 | grades into clayey silt, brown, less far in | | | | | |
| | | | 14 | fractures, strong odor, moist v. stiff to hard | | 6.9 | | | |
| | 40 | | 16 | As above more far in fractures, strong odors | | 15.5 | | | |
| | | | 18 | clayey silt, plastic, brown gray, silt odor, moist, v. stiff | | 24.4 | | | |
| | | | 20 | Eoba @ 20ft set 2" well @ 4-14 1100 16-18 Pice B-16 7-8 Pice/Meta 1035 | | 5.1 | | | |
| | | | 22 | | | | | | |

Logged By: *[Signature]*

Checked By: *[Signature]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|--|------------------|---|--------------------------------------|-------------------------------|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-17 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 773D OT | Common Well Name | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane | | Easting 2576169.1 1/4 of 1/4 of Section T | | Northing 327157.9 N.R. |
| | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City/Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|------------------|
| | | | 0 | Topsoil w/ organic matter | | 00 | | | |
| | | | 2 | Sandy clay w/ gravel, low plasticity, brown w/ grey mottling, no odor, moist | | 6.2 | | | |
| | 4' | | 2 | dk grey clay w/ gravel, tr. of oily material | | 11.5 | | | |
| | | | 4 | --- | | 269 | | | |
| | | | 6 | Tarry oily, soft, silty sand/silt, black sig. odor, moist | | 641 | | | |
| | 4.1' | | 6 | --- | | 334 | | | |
| | | | 8 | grey clay w/ brown mottling & tar in fractures, tr gravel, sig. odor, moist | | 404 | | | |
| | | | 10 | Sand/silt layers 1-3" thick w/ concentrated staining & tar | | | | | |
| | | | 10 | Clay w/ trace gravel & tar in fractures, mod odor, red brown w/ rust staining | | 389 | | | far from outside |
| | | | 12 | | | | | | |

Logged By: *Nathaniel R. [Signature]*

Checked By: *[Signature]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|--|-----------------------|--|--------------------------------------|-------------------------------|
| Project Name Cornwell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-77 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name - | Initial Water Level - | Surface Elevation - | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of Easting 2576169.1 1/4 of Section T N.R. 327157.9 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City/Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 12 | @ 12.5 4" fine tan/y/oily sand strong odor, black | | 707 | | | |
| | 3.75 | | 14 | silt w/ fine sand & clay, low plasticity, no visible tar, slight odor, stiff | | 706 | | | |
| | | | 16 | EOB @ 15 ft | | | | | |
| | | | | Sample 5-6 Meta/Paco 1320 | | | | | |
| | | | | Sample 14-15 Pacp 1325 | | | | | |

Logged By: *Michael R Keller* Checked By: *Red Green*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|---|---|---|-------------------------------|
| Project Name Cowell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-18 |
| Boring Drilled By On Site Environmental (Tommy) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-18 | Initial Water Level 9.47' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of | Eastings 257641.4 1/4 of Section T | Northing 327162.9 N.R. | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Mell Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 3" Asphalt | | | | | |
| | | | 1 | 4-5" gravel sand w/ clay / fill | | 2.1 | | | |
| | 4.5 | | 2 | Lean clay w/ gravel, + fatty fractures str. odor, dk greyish brown, moist, plastic, stiff to v. stiff | | 2.6 | | | |
| | | | 4 | grades to lean red brown clay w/ tr. gravel, v. stiff to hard | | 2.7 | | | |
| | 4.0 | | 6 | As Above, no fat, rust colored mottling | | 2.7 | | | |
| | | | 8 | | | | | | |
| | 4.0 | | 10 | fin f-m. gravel, clean, w/ few phase oil, wet grey clay w/ trace gravel, oil around outside of core, red brown mottling, odor wet | | 33.1 | | | |
| | | | 12 | @ 14 ft silty sand, f-m. sand, non plastic red brown, str odor wet | | 9.1 | | | |

Logged By: Nathaniel R. Kelly EOB @ 15 ft

Checked By: [Signature]

F-204a (R 12-94) well set 5-15 B-18 2-4 1355 10-12 1400 B-18 product Meta Outside 1350 core

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|---|----------------------|---|---|---|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-19 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane | Easting 2576272.8 | Northing 327380.1 | Local Grid Location (If applicable) | |
| 1/4 of | 1/4 of Section T | N.R. | Feet <input type="checkbox"/> N <input type="checkbox"/> S | Feet <input type="checkbox"/> E <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Clay & gravel, All | | 12 | | | |
| | 3' | | 2 | lean clay w/ tr gravel, plastic red brown, some dk grey mottling, no odor, moist, wet | | 25 | | | |
| | | | 4 | | | | | | |
| | 3' | | 6 | sand w/ gravelly silt, non plastic, wet. red brown clay, plastic, no odor wet v. stiff to hard, some grey mottling | | 27 | | | |
| | | | 8 | | | | | | |
| | | | 10 | color dk grey @ 8-9 ft, and tail oil in fractures | | 26.3 | | | |
| | 4' | | 12 | As Above, significant oil in fractures, salt, oil flows, strong odor. | | 562 | | | |
| | | | | | | 371 | | | |

| | |
|-------------------------------|----------------------------|
| Logged By: Mathew P. Kelly | Checked By: [Signature] |
|-------------------------------|----------------------------|

F-204A (R 12-96)

B-19 10-12.5 1535
 B-19 18-20 1540
 sample MW18 @ 1630

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|--|------------------|--|---|-------------------------------|
| Project Name Counell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-19 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 2730 DT | Common Well Name | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576272.8 Northing 327380.1 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|---------------------------------|
| | | | 12 | | | | | | |
| | | | 14 | more compact clay, less oil, only on outside of core | | | | | * possibly from outside of core |
| 5 | | | 16 | grey brown clay, no oily plastic wet, odor, v. stiff | | | | | |
| | | | 18 | | | | | | |
| | | | 20 | LEOA 20 ft | | | | | |

| | |
|--|-------------------------------------|
| Logged By: <i>Anthony R. Keller</i> | Checked By: <i>Bob [unclear]</i> |
|--|-------------------------------------|

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|---------------------------|--|---|-------------------------------|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-20 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-20 | Initial Water Level 13.2' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2575825.4 Northing 327173.7 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 3" asphalt | | 6.0 | | | |
| | | | 1 | 6" sand & gravel fill | | | | | |
| | 4.5 | | 2 | lean clay, plastic, red brown, no odor, moist stiff to U. S.H. to gravel | | 5.8 | | | |
| | | | 4 | grades to greenish brown | | 5.6 | | | |
| | | | 6 | As Above | | 6.0 | | | |
| | 4 | | 8 | As Above w/ some dk grey mottling | | | | | |
| | | | 10 | 2" red brown-med. sand, nodular, moist/wet | | 6.0 | | | |
| | 4.5 | | 11 | lean red brown clay, plastic, no odor | | 4.9 | | | |
| | | | 12 | As Above, wet | | | | | |
| | | | 15ft | EOBP | | 5.3 | | | |

Logged By: *Nathaniel R. [Signature]* Checked By: *[Signature]*

F-204A (R 12-94)

4-5 1335
10-12 1340

Appendix A

Laboratory Reports

June 07, 2010

JAMES WEDEKIND
RMT MADISON
744 HEARTLAND TRAIL
Madison, WI 53717

RE: Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Dear JAMES WEDEKIND:

Enclosed are the analytical results for sample(s) received by the laboratory on May 25, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

cc: Nate Keller, RMT MADISON

REPORT OF LABORATORY ANALYSIS

Page 1 of 88

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



CERTIFICATIONS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Green Bay Certification IDs

California Certification #: 09268CA

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

1241 Bellevue Street Green Bay, WI 54302

New York Certification #: 11888

North Carolina Certification #: 503

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

New York Certification #: 11887

REPORT OF LABORATORY ANALYSIS

Page 2 of 88

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



SAMPLE SUMMARY

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|------------|-----------|--------|----------------|----------------|
| 4032310001 | SSW-1 | Wipe | 05/20/10 12:20 | 05/25/10 09:15 |
| 4032310002 | SSW-2 | Wipe | 05/20/10 12:30 | 05/25/10 09:15 |
| 4032310003 | CRW-1 | Wipe | 05/20/10 12:45 | 05/25/10 09:15 |
| 4032310004 | CRW-2 | Wipe | 05/20/10 13:00 | 05/25/10 09:15 |
| 4032310005 | CRW-3 | Wipe | 05/20/10 13:05 | 05/25/10 09:15 |
| 4032310006 | CRW-4 | Wipe | 05/20/10 13:20 | 05/25/10 09:15 |
| 4032310007 | CRW-5 | Wipe | 05/20/10 13:35 | 05/25/10 09:15 |
| 4032310008 | CRW-6 | Wipe | 05/20/10 14:10 | 05/25/10 09:15 |
| 4032310009 | FRW-1 | Wipe | 05/20/10 14:20 | 05/25/10 09:15 |
| 4032310010 | FRW-1 DUP | Wipe | 05/20/10 14:20 | 05/25/10 09:15 |
| 4032310011 | SSPT-1 | Solid | 05/20/10 15:30 | 05/25/10 09:15 |
| 4032310012 | CRPT-1 | Solid | 05/20/10 15:45 | 05/25/10 09:15 |
| 4032310013 | FRPT-1 | Solid | 05/20/10 15:50 | 05/25/10 09:15 |
| 4032310014 | CRL-1 | Water | 05/20/10 16:05 | 05/25/10 09:15 |
| 4032310015 | FRW-2 | Wipe | 05/20/10 16:30 | 05/25/10 09:15 |
| 4032310016 | FRL-1 | Water | 05/20/10 16:55 | 05/25/10 09:15 |
| 4032310017 | FRL-2 | Water | 05/20/10 17:30 | 05/25/10 09:15 |
| 4032310018 | FRL-3 | Water | 05/20/10 17:55 | 05/25/10 09:15 |
| 4032310019 | FRL-4 | Water | 05/20/10 18:00 | 05/25/10 09:15 |
| 4032310020 | FRL-7 | Water | 05/21/10 08:00 | 05/25/10 09:15 |
| 4032310021 | FRL-8 | Water | 05/21/10 08:40 | 05/25/10 09:15 |
| 4032310022 | FRL-5 | Water | 05/21/10 08:55 | 05/25/10 09:15 |
| 4032310023 | FRL-6 | Water | 05/21/10 09:15 | 05/25/10 09:15 |
| 4032310024 | FRL-9 | Water | 05/21/10 09:30 | 05/25/10 09:15 |
| 4032310025 | FRL-9 DUP | Water | 05/21/10 09:30 | 05/25/10 09:15 |
| 4032310026 | CRL-1 | Water | 05/21/10 10:40 | 05/25/10 09:15 |

REPORT OF LABORATORY ANALYSIS

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



SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|-----------|----------|----------|-------------------|
| 4032310001 | SSW-1 | EPA 8082 | CAH | 10 |
| 4032310002 | SSW-2 | EPA 8082 | CAH | 10 |
| 4032310003 | CRW-1 | EPA 8082 | CAH | 10 |
| 4032310004 | CRW-2 | EPA 8082 | CAH | 10 |
| 4032310005 | CRW-3 | EPA 8082 | CAH | 10 |
| 4032310006 | CRW-4 | EPA 8082 | CAH | 10 |
| 4032310007 | CRW-5 | EPA 8082 | CAH | 10 |
| 4032310008 | CRW-6 | EPA 8082 | CAH | 10 |
| 4032310009 | FRW-1 | EPA 8082 | CAH | 10 |
| 4032310010 | FRW-1 DUP | EPA 8082 | CAH | 10 |
| 4032310011 | SSPT-1 | EPA 6010 | DLB | 1 |
| 4032310012 | CRPT-1 | EPA 6010 | DLB | 1 |
| 4032310013 | FRPT-1 | EPA 6010 | DLB | 1 |
| 4032310014 | CRL-1 | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| 4032310015 | FRW-2 | EPA 8082 | CAH | 10 |
| 4032310016 | FRL-1 | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| | | EPA 8260 | SMT | 64 |
| 4032310017 | FRL-2 | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| | | EPA 8260 | SMT | 64 |
| 4032310018 | FRL-3 | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| | | EPA 8260 | SMT | 64 |
| 4032310019 | FRL-4 | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|-----------|----------|----------|-------------------|
| 4032310020 | FRL-7 | EPA 8260 | SMT | 64 |
| | | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| 4032310021 | FRL-8 | EPA 8260 | SMT | 64 |
| | | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| 4032310022 | FRL-5 | EPA 8260 | SMT | 64 |
| | | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| 4032310023 | FRL-6 | EPA 8260 | SMT | 64 |
| | | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| 4032310024 | FRL-9 | EPA 8260 | SMT | 64 |
| | | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| 4032310025 | FRL-9 DUP | EPA 8260 | SMT | 64 |
| | | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| 4032310026 | CRL-1 | EPA 8260 | SMT | 64 |
| | | EPA 8260 | SMT | 64 |

REPORT OF LABORATORY ANALYSIS

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Method: EPA 8082
Description: 8082 GCS PCB
Client: RMT - MADISON
Date: June 07, 2010

General Information:

11 samples were analyzed for EPA 8082. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

The samples were prepared in accordance with EPA 3580 (Wipe) with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7361

S0: Surrogate recovery outside laboratory control limits.

- FRL-3 (Lab ID: 4032310018)
 - Tetrachloro-m-xylene (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- FRL-1 (Lab ID: 4032310016)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- FRL-2 (Lab ID: 4032310017)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: GCSV/4317

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Method: EPA 8082
Description: 8082 GCS PCB
Client: RMT - MADISON
Date: June 07, 2010

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/7361

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- FRL-1 (Lab ID: 4032310016)
 - PCB-1016 (Aroclor 1016)
- FRL-2 (Lab ID: 4032310017)
 - PCB-1016 (Aroclor 1016)

General Information:

11 samples were analyzed for EPA 8082. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

The samples were prepared in accordance with EPA 3580 (Wipe) with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7361

S0: Surrogate recovery outside laboratory control limits.

- FRL-3 (Lab ID: 4032310018)
 - Tetrachloro-m-xylene (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- FRL-1 (Lab ID: 4032310016)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- FRL-2 (Lab ID: 4032310017)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)

REPORT OF LABORATORY ANALYSIS

Page 7 of 88

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Method: EPA 8082
Description: 8082 GCS PCB
Client: RMT - MADISON
Date: June 07, 2010

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: GCSV/4317

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/7361

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- FRL-1 (Lab ID: 4032310016)
 - PCB-1016 (Aroclor 1016)
- FRL-2 (Lab ID: 4032310017)
 - PCB-1016 (Aroclor 1016)

REPORT OF LABORATORY ANALYSIS

Page 8 of 88

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Method: EPA 6010

Description: 6010 MET ICP

Client: RMT - MADISON

Date: June 07, 2010

General Information:

3 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

General Information:

11 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Method: EPA 6010
Description: 6010 MET ICP
Client: RMT - MADISON
Date: June 07, 2010

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 10 of 88

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Method: EPA 7470
Description: 7470 Mercury
Client: RMT - MADISON
Date: June 07, 2010

General Information:

11 samples were analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MERP/2033

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- FRL-1 (Lab ID: 4032310016)
- Mercury

REPORT OF LABORATORY ANALYSIS

Page 11 of 88

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Method: EPA 8270
Description: 8270 MSSV Semivolatile Organic
Client: RMT - MADISON
Date: June 07, 2010

General Information:

11 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7363

S0: Surrogate recovery outside laboratory control limits.

- CRL-1 (Lab ID: 4032310014)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
- FRL-7 (Lab ID: 4032310020)
 - Nitrobenzene-d5 (S)
- FRL-9 DUP (Lab ID: 4032310025)
 - Nitrobenzene-d5 (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- FRL-1 (Lab ID: 4032310016)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- FRL-2 (Lab ID: 4032310017)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)

REPORT OF LABORATORY ANALYSIS

Page 12 of 88

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Method: EPA 8270
Description: 8270 MSSV Semivolatile Organic
Client: RMT - MADISON
Date: June 07, 2010

QC Batch: OEXT/7363

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- Phenol-d6 (S)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: OEXT/7363

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 305514)
 - 2,2'-Oxybis(1-chloropropane)
- LCSD (Lab ID: 305515)
 - 2,2'-Oxybis(1-chloropropane)

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSSV/2648

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/7363

1q: There was no sample volume available for reextraction and reanalysis.

- CRL-1 (Lab ID: 4032310014)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- FRL-1 (Lab ID: 4032310016)
 - Phenol
- FRL-2 (Lab ID: 4032310017)
 - Phenol

REPORT OF LABORATORY ANALYSIS

Page 13 of 88

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Method: EPA 8260

Description: 8260 MSV

Client: RMT - MADISON

Date: June 07, 2010

General Information:

11 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.

- FRL-2 (Lab ID: 4032310017)

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

Page 14 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Sample: SSW-1 **Lab ID: 4032310001** Collected: 05/20/10 12:20 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 0.66J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 2.0 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 11096-82-5 | |
| PCB, Total | 2.6 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 75 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 877-09-8 | |
| Decachlorobiphenyl (S) | 79 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/27/10 21:21 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Sample: SSW-2 **Lab ID: 4032310002** Collected: 05/20/10 12:30 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 0.30J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 11096-82-5 | |
| PCB, Total | 0.30J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 76 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 877-09-8 | |
| Decachlorobiphenyl (S) | 77 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/27/10 21:55 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: CRW-1 **Lab ID: 4032310003** Collected: 05/20/10 12:45 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 1.9 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 2.7 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 11096-82-5 | |
| PCB, Total | 4.6 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 73 | %- | 34-130 | | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 877-09-8 | |
| Decachlorobiphenyl (S) | 84 | %- | 33-130 | | 1 | 05/27/10 10:15 | 05/27/10 22:30 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: CRW-2 **Lab ID: 4032310004** Collected: 05/20/10 13:00 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 0.73J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 2.4 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 11096-82-5 | |
| PCB, Total | 3.2 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 72 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 877-09-8 | |
| Decachlorobiphenyl (S) | 77 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/27/10 23:05 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Sample: CRW-3 **Lab ID: 4032310005** Collected: 05/20/10 13:05 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 0.31J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 1.2 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 11096-82-5 | |
| PCB, Total | 1.5 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 75 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 877-09-8 | |
| Decachlorobiphenyl (S) | 76 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/28/10 00:15 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: CRW-4 **Lab ID: 4032310006** Collected: 05/20/10 13:20 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.44 | Total ug | 2.0 | 0.44 | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.44 | Total ug | 2.0 | 0.44 | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.44 | Total ug | 2.0 | 0.44 | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 7.8 | Total ug | 2.0 | 0.44 | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.44 | Total ug | 2.0 | 0.44 | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 8.8 | Total ug | 2.0 | 0.44 | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 1.6J | Total ug | 2.0 | 0.44 | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 11096-82-5 | |
| PCB, Total | 18.3 | Total ug | 2.0 | 0.44 | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 76 %- | | 34-130 | | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 877-09-8 | |
| Decachlorobiphenyl (S) | 66 %- | | 33-130 | | 2 | 05/27/10 10:15 | 05/28/10 00:50 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Sample: CRW-5 **Lab ID: 4032310007** Collected: 05/20/10 13:35 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 11096-82-5 | |
| PCB, Total | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 75 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 877-09-8 | |
| Decachlorobiphenyl (S) | 76 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/28/10 01:25 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Sample: CRW-6 **Lab ID: 4032310008** Collected: 05/20/10 14:10 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 0.53J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 11096-82-5 | |
| PCB, Total | 0.53J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 79 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 877-09-8 | |
| Decachlorobiphenyl (S) | 79 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/28/10 01:59 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Sample: FRW-1 **Lab ID: 4032310009** Collected: 05/20/10 14:20 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 11096-82-5 | |
| PCB, Total | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 78 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 877-09-8 | |
| Decachlorobiphenyl (S) | 82 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/28/10 02:34 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Sample: FRW-1 DUP **Lab ID: 4032310010** Collected: 05/20/10 14:20 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 11096-82-5 | |
| PCB, Total | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 81 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 877-09-8 | |
| Decachlorobiphenyl (S) | 86 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/28/10 03:09 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

Sample: SSPT-1 **Lab ID: 4032310011** Collected: 05/20/10 15:30 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|--------------|-------|------|-----|-----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Lead | 69200 | mg/kg | 98.8 | 9.5 | 100 | 06/01/10 15:08 | 06/06/10 18:34 | 7439-92-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: CRPT-1 **Lab ID: 4032310012** Collected: 05/20/10 15:45 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|------------|-------|-----|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Lead | 516 | mg/kg | 8.9 | 0.86 | 10 | 06/01/10 15:08 | 06/04/10 20:39 | 7439-92-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRPT-1 **Lab ID: 4032310013** Collected: 05/20/10 15:50 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|--------------|-------|-----|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Lead | 35600 | mg/kg | 10 | 0.96 | 10 | 06/01/10 15:08 | 06/04/10 20:43 | 7439-92-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Sample Project No.: 4032310

Sample: CRL-1 **Lab ID:** 4032310014 Collected: 05/20/10 16:05 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 2.4 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 2.3 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 11096-82-5 | |
| PCB, Total | 4.7 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 83 %- | | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 877-09-8 | |
| Decachlorobiphenyl (S) | 83 %- | | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 18:57 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | <0.55 | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 17:57 | 7440-38-2 | |
| Barium | 24.2 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 17:57 | 7440-39-3 | |
| Cadmium | 4.2J | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 17:57 | 7440-43-9 | |
| Chromium | 0.62J | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 17:57 | 7440-47-3 | |
| Lead | 1.8J | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 17:57 | 7439-92-1 | |
| Selenium | <2.1 | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 17:57 | 7782-49-2 | |
| Silver | <0.46 | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 17:57 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | 1.6 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:10 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.95 | ug/L | 5.0 | 0.95 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 208-96-8 | |
| Anthracene | <0.63 | ug/L | 5.0 | 0.63 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 120-12-7 | |
| Benzo(a)anthracene | <0.61 | ug/L | 5.0 | 0.61 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 56-55-3 | |
| Benzo(a)pyrene | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.77 | ug/L | 5.0 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.0 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 85-68-7 | |
| Carbazole | <0.69 | ug/L | 5.0 | 0.69 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 86-74-8 | |
| 4-Chloro-3-methylphenol | 16.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 59-50-7 | |
| 4-Chloroaniline | <0.81 | ug/L | 5.0 | 0.81 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.0 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.66 | ug/L | 5.0 | 0.66 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 111-44-4 | |
| 2-Chloronaphthalene | <0.84 | ug/L | 5.0 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 91-58-7 | |
| 2-Chlorophenol | <0.70 | ug/L | 5.0 | 0.70 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.0 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 7005-72-3 | |
| Chrysene | <0.78 | ug/L | 5.0 | 0.78 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 5.0 | 0.71 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 28 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: CRL-1 **Lab ID:** 4032310014 Collected: 05/20/10 16:05 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|-------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.83 | ug/L | 5.0 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.86 | ug/L | 5.0 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 120-83-2 | |
| Diethylphthalate | <1.3 | ug/L | 5.0 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 105-67-9 | |
| Dimethylphthalate | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 131-11-3 | |
| Di-n-butylphthalate | <0.90 | ug/L | 5.0 | 0.90 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.75 | ug/L | 5.0 | 0.75 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.0 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.80 | ug/L | 5.0 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 606-20-2 | |
| Di-n-octylphthalate | <1.5 | ug/L | 5.0 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | 5.0 | ug/L | 5.0 | 2.6 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 117-81-7 | |
| Fluoranthene | <0.91 | ug/L | 5.0 | 0.91 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 206-44-0 | |
| Fluorene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.66 | ug/L | 10.0 | 0.66 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 77-47-4 | |
| Hexachloroethane | <0.58 | ug/L | 5.0 | 0.58 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.67 | ug/L | 5.0 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 3.7J | ug/L | 5.0 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | | |
| Naphthalene | <0.70 | ug/L | 5.0 | 0.70 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 91-20-3 | |
| 2-Nitroaniline | <0.84 | ug/L | 5.0 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 88-74-4 | |
| 3-Nitroaniline | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 88-75-5 | |
| 4-Nitrophenol | <0.87 | ug/L | 10.0 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.0 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.82 | ug/L | 5.0 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 87-86-5 | |
| Phenanthrene | <0.63 | ug/L | 5.0 | 0.63 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 85-01-8 | |
| Phenol | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 108-95-2 | |
| Pyrene | <1.6 | ug/L | 5.0 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.87 | ug/L | 5.0 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 63 %- | | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 4165-60-0 | 1q,S0 |
| 2-Fluorobiphenyl (S) | 64 %- | | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 321-60-8 | 1q,S0 |
| Terphenyl-d14 (S) | 82 %- | | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 1718-51-0 | |
| Phenol-d6 (S) | 26 %- | | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 13127-88-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: CRL-1 **Lab ID: 4032310014** Collected: 05/20/10 16:05 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|---|--------|-----|----|----------------|----------------|----------|-------|
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| 2-Fluorophenol (S) | 30 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 367-12-4 | 1q,S0 |
| 2,4,6-Tribromophenol (S) | 65 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:34 | 118-79-6 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRW-2 **Lab ID: 4032310015** Collected: 05/20/10 16:30 Received: 05/25/10 09:15 Matrix: Wipe

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|----------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe) | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 0.26J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.22 | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 11096-82-5 | |
| PCB, Total | 0.26J | Total ug | 1.0 | 0.22 | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 82 %- | | 34-130 | | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 877-09-8 | |
| Decachlorobiphenyl (S) | 82 %- | | 33-130 | | 1 | 05/27/10 10:15 | 05/28/10 03:44 | 2051-24-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Sample Project No.: 4032310

Sample: FRL-1 **Lab ID: 4032310016** Collected: 05/20/10 16:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <70.4 | ug/L | 233 | 70.4 | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 12674-11-2 | D3 |
| PCB-1221 (Aroclor 1221) | <70.4 | ug/L | 233 | 70.4 | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <70.4 | ug/L | 233 | 70.4 | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 120J | ug/L | 233 | 70.4 | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <70.4 | ug/L | 233 | 70.4 | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 90.1J | ug/L | 233 | 70.4 | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <70.4 | ug/L | 233 | 70.4 | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 11096-82-5 | |
| PCB, Total | 211J | ug/L | 233 | 70.4 | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 51-130 | | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 18-150 | | 20 | 05/27/10 10:15 | 06/01/10 19:14 | 2051-24-3 | S4 |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | <2.8 | ug/L | 100 | 2.8 | 1 | 06/02/10 07:15 | 06/04/10 19:08 | 7440-38-2 | |
| Barium | 148 | ug/L | 25.0 | 1.3 | 1 | 06/02/10 07:15 | 06/04/10 19:08 | 7440-39-3 | |
| Cadmium | 7.6J | ug/L | 25.0 | 1.3 | 1 | 06/02/10 07:15 | 06/04/10 19:08 | 7440-43-9 | |
| Chromium | 5.5J | ug/L | 25.0 | 2.2 | 1 | 06/02/10 07:15 | 06/04/10 19:08 | 7440-47-3 | B |
| Lead | 59.8 | ug/L | 37.5 | 6.9 | 1 | 06/02/10 07:15 | 06/04/10 19:08 | 7439-92-1 | |
| Selenium | 11.4J | ug/L | 100 | 10.5 | 1 | 06/02/10 07:15 | 06/04/10 19:08 | 7782-49-2 | |
| Silver | <2.3 | ug/L | 50.0 | 2.3 | 1 | 06/02/10 07:15 | 06/04/10 19:08 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | <0.20 | ug/L | 0.40 | 0.20 | 1 | 05/27/10 09:23 | 05/28/10 14:12 | 7439-97-6 | D3 |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <7040 | ug/L | 36900 | 7040 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 83-32-9 | |
| Acenaphthylene | <7360 | ug/L | 36900 | 7360 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 208-96-8 | |
| Anthracene | <4620 | ug/L | 36900 | 4620 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 120-12-7 | |
| Benzo(a)anthracene | <4520 | ug/L | 36900 | 4520 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 56-55-3 | |
| Benzo(a)pyrene | <7150 | ug/L | 36900 | 7150 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 50-32-8 | |
| Benzo(b)fluoranthene | <10700 | ug/L | 36900 | 10700 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 205-99-2 | |
| Benzo(g,h,i)perylene | <5690 | ug/L | 36900 | 5690 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 191-24-2 | |
| Benzo(k)fluoranthene | <7570 | ug/L | 36900 | 7570 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <9610 | ug/L | 36900 | 9610 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 101-55-3 | |
| Butylbenzylphthalate | <8020 | ug/L | 36900 | 8020 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 85-68-7 | |
| Carbazole | <5130 | ug/L | 36900 | 5130 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <7450 | ug/L | 36900 | 7450 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 59-50-7 | |
| 4-Chloroaniline | <5980 | ug/L | 36900 | 5980 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <8820 | ug/L | 36900 | 8820 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <4860 | ug/L | 36900 | 4860 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 111-44-4 | |
| 2-Chloronaphthalene | <6230 | ug/L | 36900 | 6230 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 91-58-7 | |
| 2-Chlorophenol | <5180 | ug/L | 36900 | 5180 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <8780 | ug/L | 36900 | 8780 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 7005-72-3 | |
| Chrysene | <5760 | ug/L | 36900 | 5760 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 218-01-9 | |
| Dibenz(a,h)anthracene | <10200 | ug/L | 36900 | 10200 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 53-70-3 | |
| Dibenzofuran | <7810 | ug/L | 36900 | 7810 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 132-64-9 | |
| 1,2-Dichlorobenzene | <5230 | ug/L | 36900 | 5230 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 95-50-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-1 Lab ID: 4032310016 Collected: 05/20/10 16:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <6110 | ug/L | 36900 | 6110 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 541-73-1 | |
| 1,4-Dichlorobenzene | <6350 | ug/L | 36900 | 6350 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <8210 | ug/L | 36900 | 8210 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 91-94-1 | |
| 2,4-Dichlorophenol | <8470 | ug/L | 36900 | 8470 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 120-83-2 | |
| Diethylphthalate | <9950 | ug/L | 36900 | 9950 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 84-66-2 | |
| 2,4-Dimethylphenol | <8330 | ug/L | 36900 | 8330 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 105-67-9 | |
| Dimethylphthalate | <7710 | ug/L | 36900 | 7710 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 131-11-3 | |
| Di-n-butylphthalate | <6610 | ug/L | 36900 | 6610 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <5500 | ug/L | 36900 | 5500 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 534-52-1 | |
| 2,4-Dinitrophenol | <15200 | ug/L | 73900 | 15200 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 51-28-5 | |
| 2,4-Dinitrotoluene | <5940 | ug/L | 36900 | 5940 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 121-14-2 | |
| 2,6-Dinitrotoluene | <7930 | ug/L | 36900 | 7930 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 606-20-2 | |
| Di-n-octylphthalate | <11300 | ug/L | 36900 | 11300 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <19200 | ug/L | 36900 | 19200 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 117-81-7 | |
| Fluoranthene | <6740 | ug/L | 36900 | 6740 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 206-44-0 | |
| Fluorene | <8430 | ug/L | 36900 | 8430 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <4870 | ug/L | 73900 | 4870 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 87-68-3 | |
| Hexachlorobenzene | <8200 | ug/L | 36900 | 8200 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 118-74-1 | |
| Hexachlorocyclopentadiene | <8090 | ug/L | 36900 | 8090 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 77-47-4 | |
| Hexachloroethane | <4300 | ug/L | 36900 | 4300 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <4940 | ug/L | 36900 | 4940 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 193-39-5 | |
| Isophorone | <10100 | ug/L | 36900 | 10100 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 78-59-1 | |
| 2-Methylnaphthalene | <9980 | ug/L | 36900 | 9980 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <7190 | ug/L | 36900 | 7190 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <5670 | ug/L | 36900 | 5670 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | | |
| Naphthalene | <5190 | ug/L | 36900 | 5190 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 91-20-3 | |
| 2-Nitroaniline | <6170 | ug/L | 36900 | 6170 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 88-74-4 | |
| 3-Nitroaniline | <7140 | ug/L | 36900 | 7140 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 99-09-2 | |
| 4-Nitroaniline | <8120 | ug/L | 36900 | 8120 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 100-01-6 | |
| Nitrobenzene | <10100 | ug/L | 36900 | 10100 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 98-95-3 | |
| 2-Nitrophenol | <10100 | ug/L | 36900 | 10100 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 88-75-5 | |
| 4-Nitrophenol | <6460 | ug/L | 73900 | 6460 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <7860 | ug/L | 36900 | 7860 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 621-64-7 | |
| N-Nitrosodiphenylamine | <18100 | ug/L | 73900 | 18100 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <6080 | ug/L | 36900 | 6080 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 108-60-1 | L2 |
| Pentachlorophenol | <7950 | ug/L | 73900 | 7950 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 87-86-5 | |
| Phenanthrene | <4680 | ug/L | 36900 | 4680 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 85-01-8 | |
| Phenol | <7640 | ug/L | 36900 | 7640 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 108-95-2 | D3 |
| Pyrene | <11900 | ug/L | 36900 | 11900 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <6420 | ug/L | 36900 | 6420 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <7370 | ug/L | 36900 | 7370 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <7890 | ug/L | 36900 | 7890 | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 66-130 | | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 66-130 | | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 52-130 | | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 20-130 | | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 13127-88-3 | S4 |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-1 **Lab ID: 4032310016** Collected: 05/20/10 16:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 2-Fluorophenol (S) | 0 %- | | 32-130 | | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 42-130 | | 50 | 05/27/10 13:00 | 05/28/10 19:43 | 118-79-6 | S4 |
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 12:31 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 12:31 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:31 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 12:31 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 12:31 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 12:31 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 12:31 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 12:31 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:31 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 12:31 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 12:31 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:31 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 12:31 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 12:31 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 12:31 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 12:31 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 12:31 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 12:31 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 12:31 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 12:31 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:31 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 12:31 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 12:31 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 12:31 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 12:31 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 12:31 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 12:31 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:31 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 12:31 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 12:31 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 12:31 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 12:31 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 12:31 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 12:31 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 12:31 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 12:31 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 12:31 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 12:31 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 12:31 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 12:31 | 99-87-6 | |
| Methylene Chloride | 0.79J | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 12:31 | 75-09-2 | Z3 |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 12:31 | 1634-04-4 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-1 **Lab ID: 4032310016** Collected: 05/20/10 16:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 12:31 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 12:31 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 12:31 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 12:31 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 12:31 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 12:31 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 12:31 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 12:31 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:31 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 12:31 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 12:31 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 12:31 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 12:31 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 12:31 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:31 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:31 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 12:31 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 12:31 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:31 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 86 | %- | 69-130 | | 1 | | 05/26/10 12:31 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | %- | 70-134 | | 1 | | 05/26/10 12:31 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | %- | 70-130 | | 1 | | 05/26/10 12:31 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-2 **Lab ID: 4032310017** Collected: 05/20/10 17:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <15.1 | ug/L | 50.0 | 15.1 | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 12674-11-2 | D3 |
| PCB-1221 (Aroclor 1221) | <15.1 | ug/L | 50.0 | 15.1 | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <15.1 | ug/L | 50.0 | 15.1 | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <15.1 | ug/L | 50.0 | 15.1 | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <15.1 | ug/L | 50.0 | 15.1 | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 30.5J | ug/L | 50.0 | 15.1 | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <15.1 | ug/L | 50.0 | 15.1 | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 11096-82-5 | |
| PCB, Total | 30.5J | ug/L | 50.0 | 15.1 | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 51-130 | | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 18-150 | | 50 | 05/27/10 10:15 | 06/01/10 19:32 | 2051-24-3 | S4 |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | 47.4J | ug/L | 100 | 2.8 | 1 | 06/02/10 07:15 | 06/04/10 19:12 | 7440-38-2 | |
| Barium | 2720 | ug/L | 25.0 | 1.3 | 1 | 06/02/10 07:15 | 06/04/10 19:12 | 7440-39-3 | |
| Cadmium | 351 | ug/L | 25.0 | 1.3 | 1 | 06/02/10 07:15 | 06/04/10 19:12 | 7440-43-9 | |
| Chromium | 1140 | ug/L | 25.0 | 2.2 | 1 | 06/02/10 07:15 | 06/04/10 19:12 | 7440-47-3 | |
| Lead | 6200 | ug/L | 37.5 | 6.9 | 1 | 06/02/10 07:15 | 06/04/10 19:12 | 7439-92-1 | |
| Selenium | 48.8J | ug/L | 100 | 10.5 | 1 | 06/02/10 07:15 | 06/04/10 19:12 | 7782-49-2 | |
| Silver | 21.0J | ug/L | 50.0 | 2.3 | 1 | 06/02/10 07:15 | 06/04/10 19:12 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | 5.5 | ug/L | 0.40 | 0.20 | 1 | 05/27/10 09:23 | 05/28/10 14:13 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <114 | ug/L | 600 | 114 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 83-32-9 | |
| Acenaphthylene | <120 | ug/L | 600 | 120 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 208-96-8 | |
| Anthracene | <75.1 | ug/L | 600 | 75.1 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 120-12-7 | |
| Benzo(a)anthracene | <73.5 | ug/L | 600 | 73.5 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 56-55-3 | |
| Benzo(a)pyrene | <116 | ug/L | 600 | 116 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 50-32-8 | |
| Benzo(b)fluoranthene | <173 | ug/L | 600 | 173 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 205-99-2 | |
| Benzo(g,h,i)perylene | <92.4 | ug/L | 600 | 92.4 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 191-24-2 | |
| Benzo(k)fluoranthene | <123 | ug/L | 600 | 123 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <156 | ug/L | 600 | 156 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 101-55-3 | |
| Butylbenzylphthalate | <130 | ug/L | 600 | 130 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 85-68-7 | |
| Carbazole | <83.4 | ug/L | 600 | 83.4 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <121 | ug/L | 600 | 121 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 59-50-7 | |
| 4-Chloroaniline | <97.2 | ug/L | 600 | 97.2 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <143 | ug/L | 600 | 143 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <79.0 | ug/L | 600 | 79.0 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 111-44-4 | |
| 2-Chloronaphthalene | <101 | ug/L | 600 | 101 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 91-58-7 | |
| 2-Chlorophenol | <84.2 | ug/L | 600 | 84.2 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <143 | ug/L | 600 | 143 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 7005-72-3 | |
| Chrysene | <93.6 | ug/L | 600 | 93.6 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 218-01-9 | |
| Dibenz(a,h)anthracene | <166 | ug/L | 600 | 166 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 53-70-3 | |
| Dibenzofuran | <127 | ug/L | 600 | 127 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 132-64-9 | |
| 1,2-Dichlorobenzene | <84.9 | ug/L | 600 | 84.9 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 36 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-2 **Lab ID: 4032310017** Collected: 05/20/10 17:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <99.2 | ug/L | 600 | 99.2 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 541-73-1 | |
| 1,4-Dichlorobenzene | <103 | ug/L | 600 | 103 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <133 | ug/L | 600 | 133 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 91-94-1 | |
| 2,4-Dichlorophenol | <138 | ug/L | 600 | 138 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 120-83-2 | |
| Diethylphthalate | <162 | ug/L | 600 | 162 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 84-66-2 | |
| 2,4-Dimethylphenol | <135 | ug/L | 600 | 135 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 105-67-9 | |
| Dimethylphthalate | <125 | ug/L | 600 | 125 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 131-11-3 | |
| Di-n-butylphthalate | <107 | ug/L | 600 | 107 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <89.4 | ug/L | 600 | 89.4 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 534-52-1 | |
| 2,4-Dinitrophenol | <247 | ug/L | 1200 | 247 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 51-28-5 | |
| 2,4-Dinitrotoluene | <96.6 | ug/L | 600 | 96.6 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 121-14-2 | |
| 2,6-Dinitrotoluene | <129 | ug/L | 600 | 129 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 606-20-2 | |
| Di-n-octylphthalate | <183 | ug/L | 600 | 183 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <312 | ug/L | 600 | 312 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 117-81-7 | |
| Fluoranthene | <109 | ug/L | 600 | 109 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 206-44-0 | |
| Fluorene | <137 | ug/L | 600 | 137 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <79.1 | ug/L | 1200 | 79.1 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 87-68-3 | |
| Hexachlorobenzene | <133 | ug/L | 600 | 133 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 118-74-1 | |
| Hexachlorocyclopentadiene | <131 | ug/L | 600 | 131 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 77-47-4 | |
| Hexachloroethane | <69.9 | ug/L | 600 | 69.9 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <80.2 | ug/L | 600 | 80.2 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 193-39-5 | |
| Isophorone | <164 | ug/L | 600 | 164 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 78-59-1 | |
| 2-Methylnaphthalene | <162 | ug/L | 600 | 162 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <117 | ug/L | 600 | 117 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <92.1 | ug/L | 600 | 92.1 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | | |
| Naphthalene | <84.4 | ug/L | 600 | 84.4 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 91-20-3 | |
| 2-Nitroaniline | <100 | ug/L | 600 | 100 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 88-74-4 | |
| 3-Nitroaniline | <116 | ug/L | 600 | 116 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 99-09-2 | |
| 4-Nitroaniline | <132 | ug/L | 600 | 132 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 100-01-6 | |
| Nitrobenzene | <164 | ug/L | 600 | 164 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 98-95-3 | |
| 2-Nitrophenol | <163 | ug/L | 600 | 163 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 88-75-5 | |
| 4-Nitrophenol | <105 | ug/L | 1200 | 105 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <128 | ug/L | 600 | 128 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 621-64-7 | |
| N-Nitrosodiphenylamine | <295 | ug/L | 1200 | 295 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <98.7 | ug/L | 600 | 98.7 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 108-60-1 | L2 |
| Pentachlorophenol | <129 | ug/L | 1200 | 129 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 87-86-5 | |
| Phenanthrene | <76.0 | ug/L | 600 | 76.0 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 85-01-8 | |
| Phenol | <124 | ug/L | 600 | 124 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 108-95-2 | D3 |
| Pyrene | <193 | ug/L | 600 | 193 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <104 | ug/L | 600 | 104 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <120 | ug/L | 600 | 120 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <128 | ug/L | 600 | 128 | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 66-130 | | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 66-130 | | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 52-130 | | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 20-130 | | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 13127-88-3 | S4 |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 37 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-2 **Lab ID: 4032310017** Collected: 05/20/10 17:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 2-Fluorophenol (S) | 0 %- | | 32-130 | | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 42-130 | | 10 | 05/27/10 13:00 | 05/28/10 19:11 | 118-79-6 | S4 |
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| Benzene | 1.6 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 12:53 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 12:53 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:53 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 12:53 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 12:53 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 12:53 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 12:53 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 12:53 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:53 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 12:53 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 12:53 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:53 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 12:53 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 12:53 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 12:53 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 12:53 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 12:53 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 12:53 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 12:53 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 12:53 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:53 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 12:53 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 12:53 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 12:53 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 12:53 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 12:53 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 12:53 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:53 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 12:53 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 12:53 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 12:53 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 12:53 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 12:53 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 12:53 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 12:53 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 12:53 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 12:53 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 12:53 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 12:53 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 12:53 | 99-87-6 | |
| Methylene Chloride | 0.61J | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 12:53 | 75-09-2 | Z3 |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 12:53 | 1634-04-4 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-2 **Lab ID: 4032310017** Collected: 05/20/10 17:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 12:53 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 12:53 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 12:53 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 12:53 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 12:53 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 12:53 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 12:53 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 12:53 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:53 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 12:53 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 12:53 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 12:53 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 12:53 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 12:53 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:53 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:53 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 12:53 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 12:53 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:53 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 86 | %- | 69-130 | | 1 | | 05/26/10 12:53 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | %- | 70-134 | | 1 | | 05/26/10 12:53 | 1868-53-7 | pH |
| Toluene-d8 (S) | 96 | %- | 70-130 | | 1 | | 05/26/10 12:53 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Sample Project No.: 4032310

Sample: FRL-3 **Lab ID: 4032310018** Collected: 05/20/10 17:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 0.70J | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 11096-82-5 | |
| PCB, Total | 0.70J | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 42 %- | | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 877-09-8 | S0 |
| Decachlorobiphenyl (S) | 44 %- | | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 19:49 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | 2.9J | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:01 | 7440-38-2 | |
| Barium | 877 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:01 | 7440-39-3 | |
| Cadmium | 21.6 | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:01 | 7440-43-9 | |
| Chromium | 72.0 | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:01 | 7440-47-3 | |
| Lead | 556 | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:01 | 7439-92-1 | |
| Selenium | 2.3J | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:01 | 7782-49-2 | |
| Silver | 1.3J | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:01 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | 0.20 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:14 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.95 | ug/L | 5.0 | 0.95 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 208-96-8 | |
| Anthracene | <0.63 | ug/L | 5.0 | 0.63 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 120-12-7 | |
| Benzo(a)anthracene | <0.61 | ug/L | 5.0 | 0.61 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 56-55-3 | |
| Benzo(a)pyrene | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.77 | ug/L | 5.0 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.0 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 85-68-7 | |
| Carbazole | <0.69 | ug/L | 5.0 | 0.69 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 59-50-7 | |
| 4-Chloroaniline | <0.81 | ug/L | 5.0 | 0.81 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.0 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.66 | ug/L | 5.0 | 0.66 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 111-44-4 | |
| 2-Chloronaphthalene | <0.84 | ug/L | 5.0 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 91-58-7 | |
| 2-Chlorophenol | <0.70 | ug/L | 5.0 | 0.70 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.0 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 7005-72-3 | |
| Chrysene | <0.78 | ug/L | 5.0 | 0.78 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 5.0 | 0.71 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 40 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-3 Lab ID: 4032310018 Collected: 05/20/10 17:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.83 | ug/L | 5.0 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.86 | ug/L | 5.0 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 120-83-2 | |
| Diethylphthalate | <1.3 | ug/L | 5.0 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 105-67-9 | |
| Dimethylphthalate | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 131-11-3 | |
| Di-n-butylphthalate | <0.90 | ug/L | 5.0 | 0.90 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.75 | ug/L | 5.0 | 0.75 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.0 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.80 | ug/L | 5.0 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 606-20-2 | |
| Di-n-octylphthalate | <1.5 | ug/L | 5.0 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.6 | ug/L | 5.0 | 2.6 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 117-81-7 | |
| Fluoranthene | <0.91 | ug/L | 5.0 | 0.91 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 206-44-0 | |
| Fluorene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.66 | ug/L | 10.0 | 0.66 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 77-47-4 | |
| Hexachloroethane | <0.58 | ug/L | 5.0 | 0.58 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.67 | ug/L | 5.0 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.77 | ug/L | 5.0 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | | |
| Naphthalene | <0.70 | ug/L | 5.0 | 0.70 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 91-20-3 | |
| 2-Nitroaniline | <0.84 | ug/L | 5.0 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 88-74-4 | |
| 3-Nitroaniline | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 88-75-5 | |
| 4-Nitrophenol | <0.87 | ug/L | 10.0 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.0 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.82 | ug/L | 5.0 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 87-86-5 | |
| Phenanthrene | <0.63 | ug/L | 5.0 | 0.63 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 85-01-8 | |
| Phenol | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 108-95-2 | |
| Pyrene | <1.6 | ug/L | 5.0 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.87 | ug/L | 5.0 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 79 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 91 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 321-60-8 | |
| Terphenyl-d14 (S) | 94 | %- | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 1718-51-0 | |
| Phenol-d6 (S) | 38 | %- | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 13127-88-3 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 41 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-3 **Lab ID: 4032310018** Collected: 05/20/10 17:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|---|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| 2-Fluorophenol (S) | 54 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 108 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:06 | 118-79-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 13:16 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 13:16 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:16 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 13:16 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 13:16 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 13:16 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 13:16 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 13:16 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:16 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 13:16 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 13:16 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:16 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 13:16 | 67-66-3 | |
| Chloromethane | 0.24J | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 13:16 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 13:16 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 13:16 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 13:16 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 13:16 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 13:16 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 13:16 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 13:16 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 13:16 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 13:16 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 13:16 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 13:16 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 13:16 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 13:16 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 13:16 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 13:16 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 13:16 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 13:16 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 13:16 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 13:16 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 13:16 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 13:16 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 13:16 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 13:16 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 13:16 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 13:16 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 13:16 | 99-87-6 | |
| Methylene Chloride | 0.92J | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 13:16 | 75-09-2 | Z3 |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 13:16 | 1634-04-4 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 42 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-3 **Lab ID: 4032310018** Collected: 05/20/10 17:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 13:16 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 13:16 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 13:16 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 13:16 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 13:16 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 13:16 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 13:16 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 13:16 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:16 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 13:16 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 13:16 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 13:16 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 13:16 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 13:16 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:16 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 13:16 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 13:16 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 13:16 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 13:16 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 87 | %- | 69-130 | | 1 | | 05/26/10 13:16 | 460-00-4 | |
| Dibromofluoromethane (S) | 98 | %- | 70-134 | | 1 | | 05/26/10 13:16 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | %- | 70-130 | | 1 | | 05/26/10 13:16 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-4 **Lab ID: 4032310019** Collected: 05/20/10 18:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.31 | ug/L | 1.0 | 0.31 | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.31 | ug/L | 1.0 | 0.31 | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.31 | ug/L | 1.0 | 0.31 | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.31 | ug/L | 1.0 | 0.31 | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.31 | ug/L | 1.0 | 0.31 | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 8.5 | ug/L | 1.0 | 0.31 | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.31 | ug/L | 1.0 | 0.31 | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 11096-82-5 | |
| PCB, Total | 8.5 | ug/L | 1.0 | 0.31 | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 81 %- | | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 877-09-8 | |
| Decachlorobiphenyl (S) | 67 %- | | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 20:07 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | 21.0 | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:05 | 7440-38-2 | |
| Barium | 125 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:05 | 7440-39-3 | |
| Cadmium | 27.5 | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:05 | 7440-43-9 | |
| Chromium | 53.3 | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:05 | 7440-47-3 | |
| Lead | 53.6 | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:05 | 7439-92-1 | |
| Selenium | 17.2J | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:05 | 7782-49-2 | |
| Silver | 1.2J | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:05 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | 0.39 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:16 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <1.1 | ug/L | 5.8 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 83-32-9 | |
| Acenaphthylene | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 208-96-8 | |
| Anthracene | <0.73 | ug/L | 5.8 | 0.73 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 120-12-7 | |
| Benzo(a)anthracene | <0.71 | ug/L | 5.8 | 0.71 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 56-55-3 | |
| Benzo(a)pyrene | 1.1J | ug/L | 5.8 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.7 | ug/L | 5.8 | 1.7 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 205-99-2 | |
| Benzo(g,h,i)perylene | 2.6J | ug/L | 5.8 | 0.90 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.5 | ug/L | 5.8 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 101-55-3 | |
| Butylbenzylphthalate | <1.3 | ug/L | 5.8 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 85-68-7 | |
| Carbazole | <0.81 | ug/L | 5.8 | 0.81 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 59-50-7 | |
| 4-Chloroaniline | <0.94 | ug/L | 5.8 | 0.94 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.4 | ug/L | 5.8 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.77 | ug/L | 5.8 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 111-44-4 | |
| 2-Chloronaphthalene | <0.98 | ug/L | 5.8 | 0.98 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 91-58-7 | |
| 2-Chlorophenol | <0.82 | ug/L | 5.8 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.4 | ug/L | 5.8 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 7005-72-3 | |
| Chrysene | <0.91 | ug/L | 5.8 | 0.91 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 218-01-9 | |
| Dibenz(a,h)anthracene | 2.2J | ug/L | 5.8 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 53-70-3 | |
| Dibenzofuran | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.82 | ug/L | 5.8 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 44 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-4 Lab ID: 4032310019 Collected: 05/20/10 18:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.96 | ug/L | 5.8 | 0.96 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 541-73-1 | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 5.8 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.3 | ug/L | 5.8 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.3 | ug/L | 5.8 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 120-83-2 | |
| Diethylphthalate | <1.6 | ug/L | 5.8 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.3 | ug/L | 5.8 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 105-67-9 | |
| Dimethylphthalate | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 131-11-3 | |
| Di-n-butylphthalate | <1.0 | ug/L | 5.8 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.87 | ug/L | 5.8 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.4 | ug/L | 11.6 | 2.4 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.94 | ug/L | 5.8 | 0.94 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 606-20-2 | |
| Di-n-octylphthalate | <1.8 | ug/L | 5.8 | 1.8 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <3.0 | ug/L | 5.8 | 3.0 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 117-81-7 | |
| Fluoranthene | <1.1 | ug/L | 5.8 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 206-44-0 | |
| Fluorene | <1.3 | ug/L | 5.8 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.77 | ug/L | 11.6 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 87-68-3 | |
| Hexachlorobenzene | <1.3 | ug/L | 5.8 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.3 | ug/L | 5.8 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 77-47-4 | |
| Hexachloroethane | <0.68 | ug/L | 5.8 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 2.0J | ug/L | 5.8 | 0.78 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 193-39-5 | |
| Isophorone | <1.6 | ug/L | 5.8 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 78-59-1 | |
| 2-Methylnaphthalene | <1.6 | ug/L | 5.8 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <1.1 | ug/L | 5.8 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.89 | ug/L | 5.8 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | | |
| Naphthalene | <0.82 | ug/L | 5.8 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 91-20-3 | |
| 2-Nitroaniline | <0.97 | ug/L | 5.8 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 88-74-4 | |
| 3-Nitroaniline | <1.1 | ug/L | 5.8 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 99-09-2 | |
| 4-Nitroaniline | <1.3 | ug/L | 5.8 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 100-01-6 | |
| Nitrobenzene | <1.6 | ug/L | 5.8 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 98-95-3 | |
| 2-Nitrophenol | <1.6 | ug/L | 5.8 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 88-75-5 | |
| 4-Nitrophenol | <1.0 | ug/L | 11.6 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.9 | ug/L | 11.6 | 2.9 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.96 | ug/L | 5.8 | 0.96 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 108-60-1 | L2 |
| Pentachlorophenol | <1.3 | ug/L | 11.6 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 87-86-5 | |
| Phenanthrene | <0.74 | ug/L | 5.8 | 0.74 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 85-01-8 | |
| Phenol | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 108-95-2 | |
| Pyrene | <1.9 | ug/L | 5.8 | 1.9 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <1.0 | ug/L | 5.8 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.2 | ug/L | 5.8 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 66 %- | | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 86 %- | | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 321-60-8 | |
| Terphenyl-d14 (S) | 101 %- | | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 1718-51-0 | |
| Phenol-d6 (S) | 39 %- | | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 13127-88-3 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 45 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-4 **Lab ID: 4032310019** Collected: 05/20/10 18:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|---|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| 2-Fluorophenol (S) | 57 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 100 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 13:48 | 118-79-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 13:38 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 13:38 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:38 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 13:38 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 13:38 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 13:38 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 13:38 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 13:38 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:38 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 13:38 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 13:38 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:38 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 13:38 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 13:38 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 13:38 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 13:38 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 13:38 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 13:38 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 13:38 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 13:38 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 13:38 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 13:38 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 13:38 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 13:38 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 13:38 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 13:38 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 13:38 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 13:38 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 13:38 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 13:38 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 13:38 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 13:38 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 13:38 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 13:38 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 13:38 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 13:38 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 13:38 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 13:38 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 13:38 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 13:38 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 13:38 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 13:38 | 1634-04-4 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 46 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-4 **Lab ID: 4032310019** Collected: 05/20/10 18:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 13:38 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 13:38 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 13:38 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 13:38 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 13:38 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 13:38 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 13:38 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 13:38 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:38 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 13:38 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 13:38 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 13:38 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 13:38 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 13:38 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 13:38 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 13:38 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 13:38 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 13:38 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 13:38 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 86 | %- | 69-130 | | 1 | | 05/26/10 13:38 | 460-00-4 | |
| Dibromofluoromethane (S) | 99 | %- | 70-134 | | 1 | | 05/26/10 13:38 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | %- | 70-130 | | 1 | | 05/26/10 13:38 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-7 **Lab ID: 4032310020** Collected: 05/21/10 08:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 11096-82-5 | |
| PCB, Total | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 65 %- | | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 877-09-8 | |
| Decachlorobiphenyl (S) | 58 %- | | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 20:24 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | 1.1J | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:09 | 7440-38-2 | |
| Barium | 66.3 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:09 | 7440-39-3 | |
| Cadmium | 15.1 | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:09 | 7440-43-9 | |
| Chromium | 11.2 | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:09 | 7440-47-3 | |
| Lead | 55.2 | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:09 | 7439-92-1 | |
| Selenium | 6.9J | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:09 | 7782-49-2 | |
| Silver | <0.46 | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:09 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | <0.10 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:17 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.95 | ug/L | 5.0 | 0.95 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 208-96-8 | |
| Anthracene | <0.63 | ug/L | 5.0 | 0.63 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 120-12-7 | |
| Benzo(a)anthracene | <0.61 | ug/L | 5.0 | 0.61 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 56-55-3 | |
| Benzo(a)pyrene | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 205-99-2 | |
| Benzo(g,h,i)perylene | 0.94J | ug/L | 5.0 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.0 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 85-68-7 | |
| Carbazole | <0.69 | ug/L | 5.0 | 0.69 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 59-50-7 | |
| 4-Chloroaniline | <0.81 | ug/L | 5.0 | 0.81 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.0 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.66 | ug/L | 5.0 | 0.66 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 111-44-4 | |
| 2-Chloronaphthalene | <0.84 | ug/L | 5.0 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 91-58-7 | |
| 2-Chlorophenol | <0.70 | ug/L | 5.0 | 0.70 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.0 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 7005-72-3 | |
| Chrysene | <0.78 | ug/L | 5.0 | 0.78 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 5.0 | 0.71 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 48 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-7 Lab ID: 4032310020 Collected: 05/21/10 08:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.83 | ug/L | 5.0 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.86 | ug/L | 5.0 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 120-83-2 | |
| Diethylphthalate | <1.3 | ug/L | 5.0 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 105-67-9 | |
| Dimethylphthalate | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 131-11-3 | |
| Di-n-butylphthalate | <0.90 | ug/L | 5.0 | 0.90 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.75 | ug/L | 5.0 | 0.75 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.0 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.80 | ug/L | 5.0 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 606-20-2 | |
| Di-n-octylphthalate | <1.5 | ug/L | 5.0 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.6 | ug/L | 5.0 | 2.6 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 117-81-7 | |
| Fluoranthene | <0.91 | ug/L | 5.0 | 0.91 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 206-44-0 | |
| Fluorene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.66 | ug/L | 10.0 | 0.66 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 77-47-4 | |
| Hexachloroethane | <0.58 | ug/L | 5.0 | 0.58 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.67 | ug/L | 5.0 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.77 | ug/L | 5.0 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | | |
| Naphthalene | <0.70 | ug/L | 5.0 | 0.70 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 91-20-3 | |
| 2-Nitroaniline | <0.84 | ug/L | 5.0 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 88-74-4 | |
| 3-Nitroaniline | <0.97 | ug/L | 5.0 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.0 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 88-75-5 | |
| 4-Nitrophenol | <0.87 | ug/L | 10.0 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.0 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.82 | ug/L | 5.0 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 87-86-5 | |
| Phenanthrene | <0.63 | ug/L | 5.0 | 0.63 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 85-01-8 | |
| Phenol | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 108-95-2 | |
| Pyrene | <1.6 | ug/L | 5.0 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.87 | ug/L | 5.0 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.0 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.0 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 60 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 4165-60-0 | S0 |
| 2-Fluorobiphenyl (S) | 82 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 321-60-8 | |
| Terphenyl-d14 (S) | 101 | %- | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 1718-51-0 | |
| Phenol-d6 (S) | 29 | %- | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 13127-88-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-7 **Lab ID: 4032310020** Collected: 05/21/10 08:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|---|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| 2-Fluorophenol (S) | 42 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 91 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:20 | 118-79-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 14:01 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 14:01 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:01 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 14:01 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 14:01 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 14:01 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 14:01 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 14:01 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:01 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 14:01 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 14:01 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:01 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 14:01 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 14:01 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 14:01 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 14:01 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 14:01 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 14:01 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 14:01 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 14:01 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:01 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 14:01 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 14:01 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 14:01 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 14:01 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 14:01 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 14:01 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:01 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 14:01 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 14:01 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 14:01 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 14:01 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 14:01 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 14:01 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 14:01 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 14:01 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 14:01 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 14:01 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 14:01 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 14:01 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 14:01 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 14:01 | 1634-04-4 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 50 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-7 **Lab ID: 4032310020** Collected: 05/21/10 08:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 14:01 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 14:01 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 14:01 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 14:01 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 14:01 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 14:01 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 14:01 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 14:01 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:01 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 14:01 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 14:01 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 14:01 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 14:01 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 14:01 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:01 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:01 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 14:01 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 14:01 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:01 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 87 | %- | 69-130 | | 1 | | 05/26/10 14:01 | 460-00-4 | |
| Dibromofluoromethane (S) | 95 | %- | 70-134 | | 1 | | 05/26/10 14:01 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | %- | 70-130 | | 1 | | 05/26/10 14:01 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Sample Project No.: 4032310

Sample: FRL-8 **Lab ID: 4032310021** Collected: 05/21/10 08:40 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.32 | ug/L | 1.0 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.32 | ug/L | 1.0 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.32 | ug/L | 1.0 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.32 | ug/L | 1.0 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.32 | ug/L | 1.0 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.32 | ug/L | 1.0 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.32 | ug/L | 1.0 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 11096-82-5 | |
| PCB, Total | <0.32 | ug/L | 1.0 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 89 %- | | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 877-09-8 | |
| Decachlorobiphenyl (S) | 76 %- | | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 20:42 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | <0.55 | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:13 | 7440-38-2 | |
| Barium | 53.0 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:13 | 7440-39-3 | |
| Cadmium | 1.1J | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:13 | 7440-43-9 | |
| Chromium | 1.8J | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:13 | 7440-47-3 | |
| Lead | 1.8J | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:13 | 7439-92-1 | |
| Selenium | <2.1 | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:13 | 7782-49-2 | |
| Silver | <0.46 | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:13 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | <0.10 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:18 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.97 | ug/L | 5.1 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 208-96-8 | |
| Anthracene | <0.64 | ug/L | 5.1 | 0.64 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 120-12-7 | |
| Benzo(a)anthracene | <0.62 | ug/L | 5.1 | 0.62 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 56-55-3 | |
| Benzo(a)pyrene | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.5 | ug/L | 5.1 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.79 | ug/L | 5.1 | 0.79 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.1 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 85-68-7 | |
| Carbazole | <0.71 | ug/L | 5.1 | 0.71 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 59-50-7 | |
| 4-Chloroaniline | <0.83 | ug/L | 5.1 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.67 | ug/L | 5.1 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 111-44-4 | |
| 2-Chloronaphthalene | <0.86 | ug/L | 5.1 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 91-58-7 | |
| 2-Chlorophenol | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 7005-72-3 | |
| Chrysene | <0.80 | ug/L | 5.1 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 52 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-8 **Lab ID: 4032310021** Collected: 05/21/10 08:40 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.84 | ug/L | 5.1 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.88 | ug/L | 5.1 | 0.88 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 120-83-2 | |
| Diethylphthalate | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 131-11-3 | |
| Di-n-butylphthalate | <0.91 | ug/L | 5.1 | 0.91 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.76 | ug/L | 5.1 | 0.76 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.2 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.82 | ug/L | 5.1 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 606-20-2 | |
| Di-n-octylphthalate | <1.6 | ug/L | 5.1 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.7 | ug/L | 5.1 | 2.7 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 117-81-7 | |
| Fluoranthene | <0.93 | ug/L | 5.1 | 0.93 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 10.2 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 77-47-4 | |
| Hexachloroethane | <0.59 | ug/L | 5.1 | 0.59 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.68 | ug/L | 5.1 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.78 | ug/L | 5.1 | 0.78 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | | |
| Naphthalene | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 91-20-3 | |
| 2-Nitroaniline | <0.85 | ug/L | 5.1 | 0.85 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 88-74-4 | |
| 3-Nitroaniline | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 88-75-5 | |
| 4-Nitrophenol | <0.89 | ug/L | 10.2 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.2 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.84 | ug/L | 5.1 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 87-86-5 | |
| Phenanthrene | <0.65 | ug/L | 5.1 | 0.65 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 108-95-2 | |
| Pyrene | <1.6 | ug/L | 5.1 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.89 | ug/L | 5.1 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 69 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 84 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 321-60-8 | |
| Terphenyl-d14 (S) | 87 | %- | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 1718-51-0 | |
| Phenol-d6 (S) | 33 | %- | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 13127-88-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-8 **Lab ID: 4032310021** Collected: 05/21/10 08:40 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 2-Fluorophenol (S) | 51 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 109 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 14:53 | 118-79-6 | |
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 14:24 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 14:24 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:24 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 14:24 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 14:24 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 14:24 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 14:24 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 14:24 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:24 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 14:24 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 14:24 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:24 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 14:24 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 14:24 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 14:24 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 14:24 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 14:24 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 14:24 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 14:24 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 14:24 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:24 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 14:24 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 14:24 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 14:24 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 14:24 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 14:24 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 14:24 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:24 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 14:24 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 14:24 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 14:24 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 14:24 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 14:24 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 14:24 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 14:24 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 14:24 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 14:24 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 14:24 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 14:24 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 14:24 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 14:24 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 14:24 | 1634-04-4 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-8 **Lab ID: 4032310021** Collected: 05/21/10 08:40 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 14:24 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 14:24 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 14:24 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 14:24 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 14:24 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 14:24 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 14:24 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 14:24 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:24 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 14:24 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 14:24 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 14:24 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 14:24 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 14:24 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:24 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:24 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 14:24 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 14:24 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:24 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 87 | %- | 69-130 | | 1 | | 05/26/10 14:24 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | %- | 70-134 | | 1 | | 05/26/10 14:24 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | %- | 70-130 | | 1 | | 05/26/10 14:24 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Sample Project No.: 4032310

Sample: FRL-5 **Lab ID: 4032310022** Collected: 05/21/10 08:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 11096-82-5 | |
| PCB, Total | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 99 %- | | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 877-09-8 | |
| Decachlorobiphenyl (S) | 99 %- | | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 20:59 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | <0.55 | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:18 | 7440-38-2 | |
| Barium | 32.0 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:18 | 7440-39-3 | |
| Cadmium | 1.1J | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:18 | 7440-43-9 | |
| Chromium | 9.0 | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:18 | 7440-47-3 | |
| Lead | 17.4 | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:18 | 7439-92-1 | |
| Selenium | <2.1 | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:18 | 7782-49-2 | |
| Silver | <0.46 | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:18 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | <0.10 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:19 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.97 | ug/L | 5.1 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 208-96-8 | |
| Anthracene | <0.64 | ug/L | 5.1 | 0.64 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 120-12-7 | |
| Benzo(a)anthracene | <0.62 | ug/L | 5.1 | 0.62 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 56-55-3 | |
| Benzo(a)pyrene | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.5 | ug/L | 5.1 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.79 | ug/L | 5.1 | 0.79 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.1 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 85-68-7 | |
| Carbazole | <0.71 | ug/L | 5.1 | 0.71 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 59-50-7 | |
| 4-Chloroaniline | <0.83 | ug/L | 5.1 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.67 | ug/L | 5.1 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 111-44-4 | |
| 2-Chloronaphthalene | <0.86 | ug/L | 5.1 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 91-58-7 | |
| 2-Chlorophenol | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 7005-72-3 | |
| Chrysene | <0.80 | ug/L | 5.1 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 56 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-5 **Lab ID: 4032310022** Collected: 05/21/10 08:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.84 | ug/L | 5.1 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.88 | ug/L | 5.1 | 0.88 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 120-83-2 | |
| Diethylphthalate | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 131-11-3 | |
| Di-n-butylphthalate | <0.91 | ug/L | 5.1 | 0.91 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.76 | ug/L | 5.1 | 0.76 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.2 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.82 | ug/L | 5.1 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 606-20-2 | |
| Di-n-octylphthalate | <1.6 | ug/L | 5.1 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.7 | ug/L | 5.1 | 2.7 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 117-81-7 | |
| Fluoranthene | <0.93 | ug/L | 5.1 | 0.93 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 10.2 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 77-47-4 | |
| Hexachloroethane | <0.59 | ug/L | 5.1 | 0.59 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.68 | ug/L | 5.1 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.78 | ug/L | 5.1 | 0.78 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | | |
| Naphthalene | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 91-20-3 | |
| 2-Nitroaniline | <0.85 | ug/L | 5.1 | 0.85 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 88-74-4 | |
| 3-Nitroaniline | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 88-75-5 | |
| 4-Nitrophenol | <0.89 | ug/L | 10.2 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.2 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.84 | ug/L | 5.1 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 87-86-5 | |
| Phenanthrene | <0.65 | ug/L | 5.1 | 0.65 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 108-95-2 | |
| Pyrene | <1.6 | ug/L | 5.1 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.89 | ug/L | 5.1 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 72 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 86 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 321-60-8 | |
| Terphenyl-d14 (S) | 96 | %- | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 1718-51-0 | |
| Phenol-d6 (S) | 30 | %- | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 13127-88-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-5 **Lab ID: 4032310022** Collected: 05/21/10 08:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|---|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| 2-Fluorophenol (S) | 48 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 98 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:25 | 118-79-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 14:46 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 14:46 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:46 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 14:46 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 14:46 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 14:46 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 14:46 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 14:46 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:46 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 14:46 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 14:46 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:46 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 14:46 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 14:46 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 14:46 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 14:46 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 14:46 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 14:46 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 14:46 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 14:46 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:46 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 14:46 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 14:46 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 14:46 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 14:46 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 14:46 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 14:46 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:46 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 14:46 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 14:46 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 14:46 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 14:46 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 14:46 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 14:46 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 14:46 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 14:46 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 14:46 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 14:46 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 14:46 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 14:46 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 14:46 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 14:46 | 1634-04-4 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-5 **Lab ID: 4032310022** Collected: 05/21/10 08:55 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 14:46 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 14:46 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 14:46 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 14:46 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 14:46 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 14:46 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 14:46 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 14:46 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:46 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 14:46 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 14:46 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 14:46 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 14:46 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 14:46 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 14:46 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:46 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 14:46 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 14:46 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 14:46 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 87 | %- | 69-130 | | 1 | | 05/26/10 14:46 | 460-00-4 | |
| Dibromofluoromethane (S) | 96 | %- | 70-134 | | 1 | | 05/26/10 14:46 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | %- | 70-130 | | 1 | | 05/26/10 14:46 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Project No.: 4032310

Sample: FRL-6 Lab ID: 4032310023 Collected: 05/21/10 09:15 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 11096-82-5 | |
| PCB, Total | <0.30 | ug/L | 1.0 | 0.30 | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 96 %- | | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 877-09-8 | |
| Decachlorobiphenyl (S) | 95 %- | | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 21:16 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | 2.5J | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:21 | 7440-38-2 | |
| Barium | 21.2 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:21 | 7440-39-3 | |
| Cadmium | 2.6J | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:21 | 7440-43-9 | |
| Chromium | 0.91J | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:21 | 7440-47-3 | |
| Lead | 6.5J | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:21 | 7439-92-1 | |
| Selenium | <2.1 | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:21 | 7782-49-2 | |
| Silver | <0.46 | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:21 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | <0.10 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:21 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.98 | ug/L | 5.2 | 0.98 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 208-96-8 | |
| Anthracene | <0.65 | ug/L | 5.2 | 0.65 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 120-12-7 | |
| Benzo(a)anthracene | <0.63 | ug/L | 5.2 | 0.63 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 56-55-3 | |
| Benzo(a)pyrene | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.5 | ug/L | 5.2 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.79 | ug/L | 5.2 | 0.79 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.2 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 85-68-7 | |
| Carbazole | <0.72 | ug/L | 5.2 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 59-50-7 | |
| 4-Chloroaniline | <0.84 | ug/L | 5.2 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.68 | ug/L | 5.2 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 111-44-4 | |
| 2-Chloronaphthalene | <0.87 | ug/L | 5.2 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 91-58-7 | |
| 2-Chlorophenol | <0.72 | ug/L | 5.2 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 7005-72-3 | |
| Chrysene | <0.80 | ug/L | 5.2 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.73 | ug/L | 5.2 | 0.73 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 60 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-6 **Lab ID: 4032310023** Collected: 05/21/10 09:15 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.85 | ug/L | 5.2 | 0.85 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.89 | ug/L | 5.2 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 120-83-2 | |
| Diethylphthalate | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 131-11-3 | |
| Di-n-butylphthalate | <0.92 | ug/L | 5.2 | 0.92 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.77 | ug/L | 5.2 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.3 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.83 | ug/L | 5.2 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 606-20-2 | |
| Di-n-octylphthalate | <1.6 | ug/L | 5.2 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.7 | ug/L | 5.2 | 2.7 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 117-81-7 | |
| Fluoranthene | <0.94 | ug/L | 5.2 | 0.94 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.68 | ug/L | 10.3 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 77-47-4 | |
| Hexachloroethane | <0.60 | ug/L | 5.2 | 0.60 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.69 | ug/L | 5.2 | 0.69 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.79 | ug/L | 5.2 | 0.79 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | | |
| Naphthalene | <0.72 | ug/L | 5.2 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 91-20-3 | |
| 2-Nitroaniline | <0.86 | ug/L | 5.2 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 88-74-4 | |
| 3-Nitroaniline | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 88-75-5 | |
| 4-Nitrophenol | <0.90 | ug/L | 10.3 | 0.90 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.3 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.85 | ug/L | 5.2 | 0.85 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.3 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 87-86-5 | |
| Phenanthrene | <0.65 | ug/L | 5.2 | 0.65 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 108-95-2 | |
| Pyrene | <1.7 | ug/L | 5.2 | 1.7 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.90 | ug/L | 5.2 | 0.90 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 76 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 87 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 321-60-8 | |
| Terphenyl-d14 (S) | 107 | %- | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 1718-51-0 | |
| Phenol-d6 (S) | 33 | %- | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 13127-88-3 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 61 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-6 **Lab ID: 4032310023** Collected: 05/21/10 09:15 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|---|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| 2-Fluorophenol (S) | 52 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 91 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 15:57 | 118-79-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 15:09 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 15:09 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 15:09 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 15:09 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 15:09 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 15:09 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 15:09 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 15:09 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 15:09 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 15:09 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 15:09 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 15:09 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 15:09 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 15:09 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 15:09 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 15:09 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 15:09 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 15:09 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 15:09 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 15:09 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 15:09 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 15:09 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 15:09 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 15:09 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 15:09 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 15:09 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 15:09 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 15:09 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 15:09 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 15:09 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 15:09 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 15:09 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 15:09 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 15:09 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 15:09 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 15:09 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 15:09 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 15:09 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 15:09 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 15:09 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 15:09 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 15:09 | 1634-04-4 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 62 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-6 **Lab ID: 4032310023** Collected: 05/21/10 09:15 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 15:09 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 15:09 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 15:09 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 15:09 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 15:09 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 15:09 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 15:09 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 15:09 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 15:09 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 15:09 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 15:09 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 15:09 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 15:09 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 15:09 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 15:09 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 15:09 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 15:09 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 15:09 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 15:09 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 86 | %- | 69-130 | | 1 | | 05/26/10 15:09 | 460-00-4 | |
| Dibromofluoromethane (S) | 98 | %- | 70-134 | | 1 | | 05/26/10 15:09 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | %- | 70-130 | | 1 | | 05/26/10 15:09 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-9 **Lab ID: 4032310024** Collected: 05/21/10 09:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 11096-82-5 | |
| PCB, Total | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 99 %- | | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 877-09-8 | |
| Decachlorobiphenyl (S) | 96 %- | | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 21:34 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | <0.55 | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:26 | 7440-38-2 | |
| Barium | 49.2 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:26 | 7440-39-3 | |
| Cadmium | 5.7 | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:26 | 7440-43-9 | |
| Chromium | 1.6J | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:26 | 7440-47-3 | |
| Lead | 4.8J | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:26 | 7439-92-1 | |
| Selenium | 2.9J | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:26 | 7782-49-2 | |
| Silver | <0.46 | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:26 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | <0.10 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:22 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.97 | ug/L | 5.1 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 208-96-8 | |
| Anthracene | <0.64 | ug/L | 5.1 | 0.64 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 120-12-7 | |
| Benzo(a)anthracene | <0.62 | ug/L | 5.1 | 0.62 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 56-55-3 | |
| Benzo(a)pyrene | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.5 | ug/L | 5.1 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.79 | ug/L | 5.1 | 0.79 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.1 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 85-68-7 | |
| Carbazole | <0.71 | ug/L | 5.1 | 0.71 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 59-50-7 | |
| 4-Chloroaniline | <0.83 | ug/L | 5.1 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.67 | ug/L | 5.1 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 111-44-4 | |
| 2-Chloronaphthalene | <0.86 | ug/L | 5.1 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 91-58-7 | |
| 2-Chlorophenol | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 7005-72-3 | |
| Chrysene | <0.80 | ug/L | 5.1 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 64 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-9 **Lab ID: 4032310024** Collected: 05/21/10 09:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.84 | ug/L | 5.1 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.88 | ug/L | 5.1 | 0.88 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 120-83-2 | |
| Diethylphthalate | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 131-11-3 | |
| Di-n-butylphthalate | <0.91 | ug/L | 5.1 | 0.91 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.76 | ug/L | 5.1 | 0.76 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.2 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.82 | ug/L | 5.1 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 606-20-2 | |
| Di-n-octylphthalate | <1.6 | ug/L | 5.1 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.7 | ug/L | 5.1 | 2.7 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 117-81-7 | |
| Fluoranthene | <0.93 | ug/L | 5.1 | 0.93 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 10.2 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 77-47-4 | |
| Hexachloroethane | <0.59 | ug/L | 5.1 | 0.59 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.68 | ug/L | 5.1 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.78 | ug/L | 5.1 | 0.78 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | | |
| Naphthalene | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 91-20-3 | |
| 2-Nitroaniline | <0.85 | ug/L | 5.1 | 0.85 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 88-74-4 | |
| 3-Nitroaniline | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 88-75-5 | |
| 4-Nitrophenol | <0.89 | ug/L | 10.2 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.2 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.84 | ug/L | 5.1 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 87-86-5 | |
| Phenanthrene | <0.65 | ug/L | 5.1 | 0.65 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 108-95-2 | |
| Pyrene | <1.6 | ug/L | 5.1 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.89 | ug/L | 5.1 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 72 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 83 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 321-60-8 | |
| Terphenyl-d14 (S) | 88 | %- | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 1718-51-0 | |
| Phenol-d6 (S) | 31 | %- | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 13127-88-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-9 **Lab ID: 4032310024** Collected: 05/21/10 09:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|--------------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 2-Fluorophenol (S) | 51 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 94 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 16:30 | 118-79-6 | |
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 17:33 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 17:33 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:33 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 17:33 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 17:33 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 17:33 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 17:33 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 17:33 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:33 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 17:33 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 17:33 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:33 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 17:33 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 17:33 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 17:33 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 17:33 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 17:33 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 17:33 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 17:33 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 17:33 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 17:33 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 17:33 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 17:33 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 17:33 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 17:33 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 17:33 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 17:33 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 17:33 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 17:33 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 17:33 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 17:33 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 17:33 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 17:33 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 17:33 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 17:33 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 17:33 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 17:33 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 17:33 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 17:33 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 17:33 | 99-87-6 | |
| Methylene Chloride | 0.44J | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 17:33 | 75-09-2 | Z3 |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 17:33 | 1634-04-4 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-9 **Lab ID: 4032310024** Collected: 05/21/10 09:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 17:33 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 17:33 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 17:33 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 17:33 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 17:33 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 17:33 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 17:33 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 17:33 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:33 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 17:33 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 17:33 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 17:33 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 17:33 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 17:33 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:33 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 17:33 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 17:33 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 17:33 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 17:33 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 87 | %- | 69-130 | | 1 | | 05/26/10 17:33 | 460-00-4 | |
| Dibromofluoromethane (S) | 94 | %- | 70-134 | | 1 | | 05/26/10 17:33 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | %- | 70-130 | | 1 | | 05/26/10 17:33 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Sample Project No.: 4032310

Sample: FRL-9 DUP **Lab ID: 4032310025** Collected: 05/21/10 09:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 11096-82-5 | |
| PCB, Total | <0.32 | ug/L | 1.1 | 0.32 | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 101 | %- | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 877-09-8 | |
| Decachlorobiphenyl (S) | 101 | %- | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 21:51 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | 0.62J | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:30 | 7440-38-2 | |
| Barium | 48.4 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:30 | 7440-39-3 | |
| Cadmium | 5.7 | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:30 | 7440-43-9 | |
| Chromium | 1.6J | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:30 | 7440-47-3 | |
| Lead | 5.1J | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:30 | 7439-92-1 | |
| Selenium | 2.7J | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:30 | 7782-49-2 | |
| Silver | <0.46 | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:30 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | <0.10 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:26 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.98 | ug/L | 5.2 | 0.98 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 208-96-8 | |
| Anthracene | <0.65 | ug/L | 5.2 | 0.65 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 120-12-7 | |
| Benzo(a)anthracene | <0.63 | ug/L | 5.2 | 0.63 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 56-55-3 | |
| Benzo(a)pyrene | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.5 | ug/L | 5.2 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.79 | ug/L | 5.2 | 0.79 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.2 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 85-68-7 | |
| Carbazole | <0.72 | ug/L | 5.2 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 59-50-7 | |
| 4-Chloroaniline | <0.84 | ug/L | 5.2 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.68 | ug/L | 5.2 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 111-44-4 | |
| 2-Chloronaphthalene | <0.87 | ug/L | 5.2 | 0.87 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 91-58-7 | |
| 2-Chlorophenol | <0.72 | ug/L | 5.2 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 7005-72-3 | |
| Chrysene | <0.80 | ug/L | 5.2 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.73 | ug/L | 5.2 | 0.73 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 95-50-1 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 68 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: **FRL-9 DUP** Lab ID: **4032310025** Collected: 05/21/10 09:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.85 | ug/L | 5.2 | 0.85 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.89 | ug/L | 5.2 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 120-83-2 | |
| Diethylphthalate | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 131-11-3 | |
| Di-n-butylphthalate | <0.92 | ug/L | 5.2 | 0.92 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.77 | ug/L | 5.2 | 0.77 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.3 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.83 | ug/L | 5.2 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 606-20-2 | |
| Di-n-octylphthalate | <1.6 | ug/L | 5.2 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.7 | ug/L | 5.2 | 2.7 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 117-81-7 | |
| Fluoranthene | <0.94 | ug/L | 5.2 | 0.94 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.2 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.68 | ug/L | 10.3 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 77-47-4 | |
| Hexachloroethane | <0.60 | ug/L | 5.2 | 0.60 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.69 | ug/L | 5.2 | 0.69 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.79 | ug/L | 5.2 | 0.79 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | | |
| Naphthalene | <0.72 | ug/L | 5.2 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 91-20-3 | |
| 2-Nitroaniline | <0.86 | ug/L | 5.2 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 88-74-4 | |
| 3-Nitroaniline | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.2 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 88-75-5 | |
| 4-Nitrophenol | <0.90 | ug/L | 10.3 | 0.90 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.3 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.85 | ug/L | 5.2 | 0.85 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.3 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 87-86-5 | |
| Phenanthrene | <0.65 | ug/L | 5.2 | 0.65 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 108-95-2 | |
| Pyrene | <1.7 | ug/L | 5.2 | 1.7 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.90 | ug/L | 5.2 | 0.90 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.2 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 63 %- | | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 4165-60-0 | S0 |
| 2-Fluorobiphenyl (S) | 79 %- | | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 321-60-8 | |
| Terphenyl-d14 (S) | 87 %- | | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 1718-51-0 | |
| Phenol-d6 (S) | 27 %- | | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 13127-88-3 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 69 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-9 DUP **Lab ID: 4032310025** Collected: 05/21/10 09:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|---|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| 2-Fluorophenol (S) | 44 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 81 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 17:02 | 118-79-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 17:55 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 17:55 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:55 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 17:55 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 17:55 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 17:55 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 17:55 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 17:55 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:55 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 17:55 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 17:55 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:55 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 17:55 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 17:55 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 17:55 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 17:55 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 17:55 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 17:55 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 17:55 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 17:55 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 17:55 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 17:55 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 17:55 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 17:55 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 17:55 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 17:55 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 17:55 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 17:55 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 17:55 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 17:55 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 17:55 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 17:55 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 17:55 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 17:55 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 17:55 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 17:55 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 17:55 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 17:55 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 17:55 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 17:55 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 17:55 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 17:55 | 1634-04-4 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 70 of 88

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: FRL-9 DUP **Lab ID: 4032310025** Collected: 05/21/10 09:30 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 17:55 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 17:55 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 17:55 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 17:55 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 17:55 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 17:55 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 17:55 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 17:55 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:55 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 17:55 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 17:55 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 17:55 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 17:55 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 17:55 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 17:55 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 17:55 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 17:55 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 17:55 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 17:55 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 88 | %- | 69-130 | | 1 | | 05/26/10 17:55 | 460-00-4 | |
| Dibromofluoromethane (S) | 96 | %- | 70-134 | | 1 | | 05/26/10 17:55 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | %- | 70-130 | | 1 | | 05/26/10 17:55 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: CRL-1 **Lab ID:** 4032310026 Collected: 05/21/10 10:40 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 18:18 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 18:18 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 18:18 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 18:18 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 18:18 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 18:18 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 18:18 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 18:18 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 18:18 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 18:18 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 18:18 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 18:18 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 18:18 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 18:18 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 18:18 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 18:18 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 18:18 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 18:18 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 18:18 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 18:18 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 18:18 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 18:18 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 18:18 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 18:18 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 18:18 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 18:18 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 18:18 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 18:18 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 18:18 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 18:18 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 18:18 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 18:18 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 18:18 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 18:18 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 18:18 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 18:18 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 18:18 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 18:18 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 18:18 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 18:18 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 18:18 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 18:18 | 1634-04-4 | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 18:18 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 18:18 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 18:18 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 18:18 | 630-20-6 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

Sample: CRL-1 **Lab ID: 4032310026** Collected: 05/21/10 10:40 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 18:18 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 18:18 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 18:18 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 18:18 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 18:18 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 18:18 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 18:18 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 18:18 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 18:18 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 18:18 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 18:18 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 18:18 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 18:18 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 18:18 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 18:18 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 88 | %- | 69-130 | | 1 | | 05/26/10 18:18 | 460-00-4 | |
| Dibromofluoromethane (S) | 96 | %- | 70-134 | | 1 | | 05/26/10 18:18 | 1868-53-7 | |
| Toluene-d8 (S) | 99 | %- | 70-130 | | 1 | | 05/26/10 18:18 | 2037-26-5 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

QC Batch: OEXT/7358 Analysis Method: EPA 8082
QC Batch Method: EPA 3580 (Wipe) Analysis Description: 8082 GCS PCB Wipe
Associated Lab Samples: 4032310001, 4032310002, 4032310003, 4032310004, 4032310005, 4032310006, 4032310007, 4032310008, 4032310009, 4032310010, 4032310015

METHOD BLANK: 305069 Matrix: Wipe
Associated Lab Samples: 4032310001, 4032310002, 4032310003, 4032310004, 4032310005, 4032310006, 4032310007, 4032310008, 4032310009, 4032310010, 4032310015

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|----------|--------------|-----------------|----------------|------------|
| PCB-1016 (Aroclor 1016) | Total ug | <0.22 | 1.0 | 05/27/10 19:53 | |
| PCB-1221 (Aroclor 1221) | Total ug | <0.22 | 1.0 | 05/27/10 19:53 | |
| PCB-1232 (Aroclor 1232) | Total ug | <0.22 | 1.0 | 05/27/10 19:53 | |
| PCB-1242 (Aroclor 1242) | Total ug | <0.22 | 1.0 | 05/27/10 19:53 | |
| PCB-1248 (Aroclor 1248) | Total ug | <0.22 | 1.0 | 05/27/10 19:53 | |
| PCB-1254 (Aroclor 1254) | Total ug | <0.22 | 1.0 | 05/27/10 19:53 | |
| PCB-1260 (Aroclor 1260) | Total ug | <0.22 | 1.0 | 05/27/10 19:53 | |
| Decachlorobiphenyl (S) | %- | 67 | 33-130 | 05/27/10 19:53 | |
| Tetrachloro-m-xylene (S) | %- | 67 | 34-130 | 05/27/10 19:53 | |

LABORATORY CONTROL SAMPLE & LCSD: 305070 305071

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|--------------------------|----------|-------------|------------|-------------|-----------|------------|--------------|------|---------|------------|
| PCB-1016 (Aroclor 1016) | Total ug | | <0.22 | <0.22 | | | | | 20 | |
| PCB-1221 (Aroclor 1221) | Total ug | | <0.22 | <0.22 | | | | | 20 | |
| PCB-1232 (Aroclor 1232) | Total ug | | <0.22 | <0.22 | | | | | 20 | |
| PCB-1242 (Aroclor 1242) | Total ug | | <0.22 | <0.22 | | | | | 20 | |
| PCB-1248 (Aroclor 1248) | Total ug | | <0.22 | <0.22 | | | | | 20 | |
| PCB-1254 (Aroclor 1254) | Total ug | | <0.22 | <0.22 | | | | | 20 | |
| PCB-1260 (Aroclor 1260) | Total ug | 5 | 4.0 | 4.0 | 81 | 81 | 50-130 | .005 | 20 | |
| Decachlorobiphenyl (S) | %- | | | | 75 | 73 | 33-130 | | | |
| Tetrachloro-m-xylene (S) | %- | | | | 74 | 71 | 34-130 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

QC Batch: OEXT/7361 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 4032310014, 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

METHOD BLANK: 305495 Matrix: Water
Associated Lab Samples: 4032310014, 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| PCB-1016 (Aroclor 1016) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1221 (Aroclor 1221) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1232 (Aroclor 1232) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1242 (Aroclor 1242) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1248 (Aroclor 1248) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1254 (Aroclor 1254) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1260 (Aroclor 1260) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| Decachlorobiphenyl (S) | %- | 72 | 18-150 | 06/01/10 17:12 | |
| Tetrachloro-m-xylene (S) | %- | 87 | 51-130 | 06/01/10 17:12 | |

| Parameter | Units | 305496 | | 305497 | | % Rec | % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|--------------------------|-------|-------------|------------|------------|-----------|-------|--------|--------------|-----|---------|------------|
| | | Spike Conc. | LCS Result | LCS Result | LCS % Rec | | | | | | |
| PCB-1016 (Aroclor 1016) | ug/L | | <0.15 | <0.15 | | | | | | 20 | |
| PCB-1221 (Aroclor 1221) | ug/L | | <0.15 | <0.15 | | | | | | 20 | |
| PCB-1232 (Aroclor 1232) | ug/L | | <0.15 | <0.15 | | | | | | 20 | |
| PCB-1242 (Aroclor 1242) | ug/L | | <0.15 | <0.15 | | | | | | 20 | |
| PCB-1248 (Aroclor 1248) | ug/L | | <0.15 | <0.15 | | | | | | 20 | |
| PCB-1254 (Aroclor 1254) | ug/L | | <0.15 | <0.15 | | | | | | 20 | |
| PCB-1260 (Aroclor 1260) | ug/L | 2.5 | 2.6 | 2.7 | 105 | | 62-130 | 3 | | 20 | |
| Decachlorobiphenyl (S) | %- | | | | 95 | 85 | 18-150 | | | | |
| Tetrachloro-m-xylene (S) | %- | | | | 84 | 95 | 51-130 | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

QC Batch: MPRP/4045 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 4032310011, 4032310012, 4032310013

METHOD BLANK: 307527 Matrix: Solid

Associated Lab Samples: 4032310011, 4032310012, 4032310013

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Lead | mg/kg | <0.097 | 1.0 | 06/04/10 19:20 | |

LABORATORY CONTROL SAMPLE: 307528

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Lead | mg/kg | 50 | 52.1 | 104 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 307529 307530

| Parameter | Units | 307529 | | 307530 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|------|
| | | 4032456021 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| Lead | mg/kg | 4.3 | 57.7 | 58.1 | 56.7 | 56.7 | 91 | 90 | 75-125 | .005 | 20 |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

QC Batch: MPRP/4020 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 4032310014, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

METHOD BLANK: 305880 Matrix: Water
Associated Lab Samples: 4032310014, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | ug/L | <0.55 | 20.0 | 05/31/10 16:49 | |
| Barium | ug/L | <0.27 | 5.0 | 05/31/10 16:49 | |
| Cadmium | ug/L | <0.26 | 5.0 | 05/31/10 16:49 | |
| Chromium | ug/L | <0.44 | 5.0 | 05/31/10 16:49 | |
| Lead | ug/L | <1.4 | 7.5 | 05/31/10 16:49 | |
| Selenium | ug/L | <2.1 | 20.0 | 05/31/10 16:49 | |
| Silver | ug/L | <0.46 | 10.0 | 05/31/10 16:49 | |

LABORATORY CONTROL SAMPLE: 305881

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | ug/L | 500 | 504 | 101 | 80-120 | |
| Barium | ug/L | 500 | 514 | 103 | 80-120 | |
| Cadmium | ug/L | 500 | 496 | 99 | 80-120 | |
| Chromium | ug/L | 500 | 516 | 103 | 80-120 | |
| Lead | ug/L | 500 | 509 | 102 | 80-120 | |
| Selenium | ug/L | 500 | 507 | 101 | 80-120 | |
| Silver | ug/L | 250 | 236 | 94 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 305882 305883

| Parameter | Units | 4032276001 | | MS | | MSD | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|-----------|-------|------------|-------|-------------|-------------|--------|--------|-------|--------|-------|--------|-----|---------|------|
| | | Result | Conc. | Spike Conc. | Spike Conc. | Result | Result | | | | | | | |
| Arsenic | ug/L | 4.0J | 500 | 500 | 512 | 520 | 102 | 103 | 75-125 | 2 | 20 | | | |
| Barium | ug/L | 37.2 | 500 | 500 | 546 | 550 | 102 | 103 | 75-125 | .7 | 20 | | | |
| Cadmium | ug/L | <0.26 | 500 | 500 | 501 | 510 | 100 | 102 | 75-125 | 2 | 20 | | | |
| Chromium | ug/L | 0.83J | 500 | 500 | 506 | 512 | 101 | 102 | 75-125 | 1 | 20 | | | |
| Lead | ug/L | 1.7J | 500 | 500 | 487 | 493 | 97 | 98 | 75-125 | 1 | 20 | | | |
| Selenium | ug/L | <2.1 | 500 | 500 | 504 | 513 | 101 | 102 | 75-125 | 2 | 20 | | | |
| Silver | ug/L | <0.46 | 250 | 250 | 240 | 243 | 96 | 97 | 75-125 | 2 | 20 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032310

QC Batch: MPRP/4054 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 4032310016, 4032310017

METHOD BLANK: 307908 Matrix: Water

Associated Lab Samples: 4032310016, 4032310017

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | ug/L | <0.55 | 20.0 | 06/04/10 17:17 | |
| Barium | ug/L | <0.27 | 5.0 | 06/04/10 17:17 | |
| Cadmium | ug/L | <0.26 | 5.0 | 06/04/10 17:17 | |
| Chromium | ug/L | 0.51J | 5.0 | 06/04/10 17:17 | |
| Lead | ug/L | <1.4 | 7.5 | 06/04/10 17:17 | |
| Selenium | ug/L | <2.1 | 20.0 | 06/04/10 17:17 | |
| Silver | ug/L | <0.46 | 10.0 | 06/04/10 17:17 | |

LABORATORY CONTROL SAMPLE: 307909

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | ug/L | 500 | 501 | 100 | 80-120 | |
| Barium | ug/L | 500 | 507 | 101 | 80-120 | |
| Cadmium | ug/L | 500 | 499 | 100 | 80-120 | |
| Chromium | ug/L | 500 | 523 | 105 | 80-120 | |
| Lead | ug/L | 500 | 509 | 102 | 80-120 | |
| Selenium | ug/L | 500 | 502 | 100 | 80-120 | |
| Silver | ug/L | 250 | 245 | 98 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 307910 307911

| Parameter | Units | 4032474001 | | MS | | MSD | | MS | | MSD | | % Rec | | Max | |
|-----------|-------|------------|-------|-------------|-------------|--------|--------|-------|--------|--------|-----|-------|------|-----|--|
| | | Result | Conc. | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual | | |
| Arsenic | ug/L | 3520 | 500 | 500 | 3960 | 4030 | 87 | 102 | 75-125 | 2 | 20 | | | | |
| Barium | ug/L | 6.8 | 500 | 500 | 465 | 468 | 92 | 92 | 75-125 | .7 | 20 | | | | |
| Cadmium | ug/L | ND | 500 | 500 | 458 | 461 | 92 | 92 | 75-125 | .8 | 20 | | | | |
| Chromium | ug/L | 20.3 | 500 | 500 | 466 | 472 | 89 | 90 | 75-125 | 1 | 20 | | | | |
| Lead | ug/L | 9.4 | 500 | 500 | 451 | 452 | 88 | 88 | 75-125 | .1 | 20 | | | | |
| Selenium | ug/L | 4.2J | 500 | 500 | 492 | 495 | 97 | 98 | 75-125 | .8 | 20 | | | | |
| Silver | ug/L | 2.1J | 250 | 250 | 226 | 220 | 90 | 87 | 75-125 | 3 | 20 | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

QC Batch: MERP/2033 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
 Associated Lab Samples: 4032310014, 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

METHOD BLANK: 305886 Matrix: Water
 Associated Lab Samples: 4032310014, 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | ug/L | <0.10 | 0.20 | 05/28/10 13:54 | |

LABORATORY CONTROL SAMPLE & LCSD: 305887 305888

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|-----------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Mercury | ug/L | 5 | 5.2 | 5.2 | 104 | 104 | 85-115 | .1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 305889 305890

| Parameter | Units | 4032228001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury | ug/L | <0.10 | 5 | 5 | 5.0 | 5.0 | 100 | 100 | 85-115 | .8 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

QC Batch: OEXT/7363 Analysis Method: EPA 8270
 QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
 Associated Lab Samples: 4032310014, 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

METHOD BLANK: 305513 Matrix: Water
 Associated Lab Samples: 4032310014, 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4-Trichlorobenzene | ug/L | <0.87 | 5.0 | 05/28/10 12:11 | |
| 1,2-Dichlorobenzene | ug/L | <0.71 | 5.0 | 05/28/10 12:11 | |
| 1,3-Dichlorobenzene | ug/L | <0.83 | 5.0 | 05/28/10 12:11 | |
| 1,4-Dichlorobenzene | ug/L | <0.86 | 5.0 | 05/28/10 12:11 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | <0.82 | 5.0 | 05/28/10 12:11 | |
| 2,4,5-Trichlorophenol | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| 2,4,6-Trichlorophenol | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 2,4-Dichlorophenol | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 2,4-Dimethylphenol | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 2,4-Dinitrophenol | ug/L | <2.1 | 10.0 | 05/28/10 12:11 | |
| 2,4-Dinitrotoluene | ug/L | <0.80 | 5.0 | 05/28/10 12:11 | |
| 2,6-Dinitrotoluene | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 2-Chloronaphthalene | ug/L | <0.84 | 5.0 | 05/28/10 12:11 | |
| 2-Chlorophenol | ug/L | <0.70 | 5.0 | 05/28/10 12:11 | |
| 2-Methylnaphthalene | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| 2-Methylphenol(o-Cresol) | ug/L | <0.97 | 5.0 | 05/28/10 12:11 | |
| 2-Nitroaniline | ug/L | <0.84 | 5.0 | 05/28/10 12:11 | |
| 2-Nitrophenol | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | <0.77 | 5.0 | 05/28/10 12:11 | |
| 3,3'-Dichlorobenzidine | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 3-Nitroaniline | ug/L | <0.97 | 5.0 | 05/28/10 12:11 | |
| 4,6-Dinitro-2-methylphenol | ug/L | <0.75 | 5.0 | 05/28/10 12:11 | |
| 4-Bromophenylphenyl ether | ug/L | <1.3 | 5.0 | 05/28/10 12:11 | |
| 4-Chloro-3-methylphenol | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| 4-Chloroaniline | ug/L | <0.81 | 5.0 | 05/28/10 12:11 | |
| 4-Chlorophenylphenyl ether | ug/L | <1.2 | 5.0 | 05/28/10 12:11 | |
| 4-Nitroaniline | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 4-Nitrophenol | ug/L | <0.87 | 10.0 | 05/28/10 12:11 | |
| Acenaphthene | ug/L | <0.95 | 5.0 | 05/28/10 12:11 | |
| Acenaphthylene | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| Anthracene | ug/L | <0.63 | 5.0 | 05/28/10 12:11 | |
| Benzo(a)anthracene | ug/L | <0.61 | 5.0 | 05/28/10 12:11 | |
| Benzo(a)pyrene | ug/L | <0.97 | 5.0 | 05/28/10 12:11 | |
| Benzo(b)fluoranthene | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| Benzo(g,h,i)perylene | ug/L | <0.77 | 5.0 | 05/28/10 12:11 | |
| Benzo(k)fluoranthene | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| bis(2-Chloroethoxy)methane | ug/L | <1.2 | 5.0 | 05/28/10 12:11 | |
| bis(2-Chloroethyl) ether | ug/L | <0.66 | 5.0 | 05/28/10 12:11 | |
| bis(2-Ethylhexyl)phthalate | ug/L | <2.6 | 5.0 | 05/28/10 12:11 | |
| Butylbenzylphthalate | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Carbazole | ug/L | <0.69 | 5.0 | 05/28/10 12:11 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 80 of 88

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

METHOD BLANK: 305513

Matrix: Water

Associated Lab Samples: 4032310014, 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Chrysene | ug/L | <0.78 | 5.0 | 05/28/10 12:11 | |
| Di-n-butylphthalate | ug/L | <0.90 | 5.0 | 05/28/10 12:11 | |
| Di-n-octylphthalate | ug/L | <1.5 | 5.0 | 05/28/10 12:11 | |
| Dibenz(a,h)anthracene | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| Dibenzofuran | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Diethylphthalate | ug/L | <1.3 | 5.0 | 05/28/10 12:11 | |
| Dimethylphthalate | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| Fluoranthene | ug/L | <0.91 | 5.0 | 05/28/10 12:11 | |
| Fluorene | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Hexachloro-1,3-butadiene | ug/L | <0.66 | 10.0 | 05/28/10 12:11 | |
| Hexachlorobenzene | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Hexachlorocyclopentadiene | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Hexachloroethane | ug/L | <0.58 | 5.0 | 05/28/10 12:11 | |
| Indeno(1,2,3-cd)pyrene | ug/L | <0.67 | 5.0 | 05/28/10 12:11 | |
| Isophorone | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| N-Nitroso-di-n-propylamine | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| N-Nitrosodiphenylamine | ug/L | <2.5 | 10.0 | 05/28/10 12:11 | |
| Naphthalene | ug/L | <0.70 | 5.0 | 05/28/10 12:11 | |
| Nitrobenzene | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| Pentachlorophenol | ug/L | <1.1 | 10.0 | 05/28/10 12:11 | |
| Phenanthrene | ug/L | <0.63 | 5.0 | 05/28/10 12:11 | |
| Phenol | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| Pyrene | ug/L | <1.6 | 5.0 | 05/28/10 12:11 | |
| 2,4,6-Tribromophenol (S) | %- | 83 | 42-130 | 05/28/10 12:11 | |
| 2-Fluorobiphenyl (S) | %- | 84 | 66-130 | 05/28/10 12:11 | |
| 2-Fluorophenol (S) | %- | 52 | 32-130 | 05/28/10 12:11 | |
| Nitrobenzene-d5 (S) | %- | 81 | 66-130 | 05/28/10 12:11 | |
| Phenol-d6 (S) | %- | 30 | 20-130 | 05/28/10 12:11 | |
| Terphenyl-d14 (S) | %- | 79 | 52-130 | 05/28/10 12:11 | |

LABORATORY CONTROL SAMPLE & LCSD: 305514

305515

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,2,4-Trichlorobenzene | ug/L | 50 | 40.2 | 46.1 | 80 | 92 | 63-130 | 13 | 20 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 33.4 | 39.6 | 67 | 79 | 55-130 | 17 | 24 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 32.5 | 37.4 | 65 | 75 | 51-130 | 14 | 26 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 31.8 | 38.4 | 64 | 77 | 52-130 | 19 | 20 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | 50 | 24.2 | 25.3 | 48 | 51 | 58-130 | 5 | 20 L0 | |
| 2,4,5-Trichlorophenol | ug/L | 50 | 43.5 | 46.5 | 87 | 93 | 70-130 | 7 | 20 | |
| 2,4,6-Trichlorophenol | ug/L | 50 | 44.8 | 46.3 | 90 | 93 | 70-130 | 3 | 20 | |
| 2,4-Dichlorophenol | ug/L | 50 | 47.2 | 50.6 | 94 | 101 | 68-130 | 7 | 20 | |
| 2,4-Dimethylphenol | ug/L | 50 | 20.7 | 19.0 | 41 | 38 | 34-130 | 9 | 25 | |
| 2,4-Dinitrophenol | ug/L | 50 | 36.0 | 47.6 | 72 | 95 | 43-130 | 28 | 30 | |
| 2,4-Dinitrotoluene | ug/L | 50 | 43.1 | 50.5 | 86 | 101 | 70-130 | 16 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

| LABORATORY CONTROL SAMPLE & LCSD: | | 305514 | 305515 | | LCS | LCSD | % Rec | | Max | |
|-----------------------------------|-------|-------------|------------|-------------|-------|-------|--------------|-----|-----|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | % Rec | % Rec | % Rec Limits | RPD | RPD | Qualifiers |
| 2,6-Dinitrotoluene | ug/L | 50 | 45.1 | 49.8 | 90 | 100 | 70-130 | 10 | 20 | |
| 2-Chloronaphthalene | ug/L | 50 | 50.0 | 48.7 | 100 | 97 | 70-130 | 2 | 20 | |
| 2-Chlorophenol | ug/L | 50 | 40.3 | 41.2 | 81 | 82 | 59-130 | 2 | 22 | |
| 2-Methylnaphthalene | ug/L | 50 | 45.6 | 48.4 | 91 | 97 | 70-130 | 6 | 20 | |
| 2-Methylphenol(o-Cresol) | ug/L | 50 | 33.4 | 34.9 | 67 | 70 | 54-130 | 4 | 20 | |
| 2-Nitroaniline | ug/L | 50 | 35.4 | 38.3 | 71 | 77 | 67-130 | 8 | 20 | |
| 2-Nitrophenol | ug/L | 50 | 48.5 | 51.3 | 97 | 103 | 65-130 | 6 | 20 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 50 | 30.3 | 29.9 | 61 | 60 | 48-130 | 1 | 24 | |
| 3,3'-Dichlorobenzidine | ug/L | 50 | 37.1 | 37.0 | 74 | 74 | 39-130 | .4 | 25 | |
| 3-Nitroaniline | ug/L | 50 | 41.3 | 45.3 | 83 | 91 | 64-130 | 9 | 20 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 50 | 44.3 | 51.5 | 89 | 103 | 65-130 | 15 | 20 | |
| 4-Bromophenylphenyl ether | ug/L | 50 | 46.2 | 43.4 | 92 | 87 | 70-130 | 6 | 20 | |
| 4-Chloro-3-methylphenol | ug/L | 50 | 35.8 | 39.3 | 72 | 79 | 70-130 | 9 | 20 | |
| 4-Chloroaniline | ug/L | 50 | 39.6 | 40.6 | 79 | 81 | 34-130 | 2 | 20 | |
| 4-Chlorophenylphenyl ether | ug/L | 50 | 46.1 | 47.6 | 92 | 95 | 70-130 | 3 | 20 | |
| 4-Nitroaniline | ug/L | 50 | 37.8 | 41.3 | 76 | 83 | 53-140 | 9 | 22 | |
| 4-Nitrophenol | ug/L | 50 | 11.6 | 14.3 | 23 | 29 | 13-130 | 21 | 24 | |
| Acenaphthene | ug/L | 50 | 48.9 | 48.7 | 98 | 97 | 70-130 | .6 | 20 | |
| Acenaphthylene | ug/L | 50 | 44.5 | 42.8 | 89 | 86 | 70-130 | 4 | 20 | |
| Anthracene | ug/L | 50 | 46.8 | 46.7 | 94 | 93 | 70-130 | .2 | 20 | |
| Benzo(a)anthracene | ug/L | 50 | 44.4 | 47.3 | 89 | 95 | 62-130 | 6 | 20 | |
| Benzo(a)pyrene | ug/L | 50 | 38.3 | 41.0 | 77 | 82 | 53-130 | 7 | 20 | |
| Benzo(b)fluoranthene | ug/L | 50 | 44.4 | 41.9 | 89 | 84 | 57-130 | 6 | 21 | |
| Benzo(g,h,i)perylene | ug/L | 50 | 46.1 | 55.0 | 92 | 110 | 47-130 | 18 | 23 | |
| Benzo(k)fluoranthene | ug/L | 50 | 41.9 | 46.6 | 84 | 93 | 58-133 | 11 | 20 | |
| bis(2-Chloroethoxy)methane | ug/L | 50 | 43.7 | 44.3 | 87 | 89 | 70-130 | 1 | 20 | |
| bis(2-Chloroethyl) ether | ug/L | 50 | 32.9 | 36.0 | 66 | 72 | 59-130 | 9 | 23 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 50 | 50.7 | 53.0 | 101 | 106 | 66-130 | 4 | 20 | |
| Butylbenzylphthalate | ug/L | 50 | 50.2 | 52.6 | 100 | 105 | 64-130 | 5 | 20 | |
| Carbazole | ug/L | 50 | 44.8 | 47.2 | 90 | 94 | 70-130 | 5 | 20 | |
| Chrysene | ug/L | 50 | 43.7 | 44.0 | 87 | 88 | 60-130 | .5 | 20 | |
| Di-n-butylphthalate | ug/L | 50 | 48.9 | 51.3 | 98 | 103 | 70-130 | 5 | 20 | |
| Di-n-octylphthalate | ug/L | 50 | 48.5 | 54.4 | 97 | 109 | 57-130 | 11 | 20 | |
| Dibenz(a,h)anthracene | ug/L | 50 | 45.9 | 56.1 | 92 | 112 | 43-130 | 20 | 32 | |
| Dibenzofuran | ug/L | 50 | 52.2 | 51.2 | 104 | 102 | 70-130 | 2 | 20 | |
| Diethylphthalate | ug/L | 50 | 49.1 | 53.9 | 98 | 108 | 70-130 | 9 | 20 | |
| Dimethylphthalate | ug/L | 50 | 47.0 | 48.5 | 94 | 97 | 70-130 | 3 | 20 | |
| Fluoranthene | ug/L | 50 | 42.2 | 43.6 | 84 | 87 | 69-130 | 3 | 20 | |
| Fluorene | ug/L | 50 | 46.2 | 49.3 | 92 | 99 | 70-130 | 6 | 20 | |
| Hexachloro-1,3-butadiene | ug/L | 50 | 36.0 | 41.2 | 72 | 82 | 59-130 | 13 | 20 | |
| Hexachlorobenzene | ug/L | 50 | 50.8 | 50.3 | 102 | 101 | 68-130 | 1 | 20 | |
| Hexachlorocyclopentadiene | ug/L | 50 | 20.0 | 17.6 | 40 | 35 | 10-130 | 12 | 37 | |
| Hexachloroethane | ug/L | 50 | 25.7 | 31.2 | 51 | 62 | 50-130 | 19 | 21 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 50 | 45.2 | 56.1 | 90 | 112 | 13-147 | 21 | 77 | |
| Isophorone | ug/L | 50 | 37.0 | 38.9 | 74 | 78 | 10-149 | 5 | 20 | |
| N-Nitroso-di-n-propylamine | ug/L | 50 | 35.8 | 34.5 | 72 | 69 | 66-130 | 4 | 20 | |
| N-Nitrosodiphenylamine | ug/L | 50 | 53.1 | 41.5 | 106 | 83 | 54-132 | 25 | 42 | |
| Naphthalene | ug/L | 50 | 39.5 | 44.6 | 79 | 89 | 68-130 | 12 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

| LABORATORY CONTROL SAMPLE & LCSD: 305514 | | 305515 | | | | | | | | |
|--|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| Nitrobenzene | ug/L | 50 | 40.7 | 44.0 | 81 | 88 | 63-130 | 8 | 20 | |
| Pentachlorophenol | ug/L | 50 | 35.5 | 43.2 | 71 | 86 | 54-130 | 19 | 20 | |
| Phenanthrene | ug/L | 50 | 47.5 | 48.6 | 95 | 97 | 70-130 | 2 | 20 | |
| Phenol | ug/L | 50 | 17.8 | 19.6 | 36 | 39 | 23-130 | 10 | 24 | |
| Pyrene | ug/L | 50 | 47.1 | 49.2 | 94 | 98 | 50-132 | 4 | 24 | |
| 2,4,6-Tribromophenol (S) | %- | | | | 92 | 105 | 42-130 | | | |
| 2-Fluorobiphenyl (S) | %- | | | | 97 | 92 | 66-130 | | | |
| 2-Fluorophenol (S) | %- | | | | 48 | 52 | 32-130 | | | |
| Nitrobenzene-d5 (S) | %- | | | | 79 | 84 | 66-130 | | | |
| Phenol-d6 (S) | %- | | | | 33 | 35 | 20-130 | | | |
| Terphenyl-d14 (S) | %- | | | | 86 | 91 | 52-130 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

QC Batch: MSV/7919 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025, 4032310026

METHOD BLANK: 304882 Matrix: Water
 Associated Lab Samples: 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025, 4032310026

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.92 | 1.0 | 05/26/10 06:26 | |
| 1,1,1-Trichloroethane | ug/L | <0.90 | 1.0 | 05/26/10 06:26 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 1.0 | 05/26/10 06:26 | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 1.0 | 05/26/10 06:26 | |
| 1,1-Dichloroethane | ug/L | <0.75 | 1.0 | 05/26/10 06:26 | |
| 1,1-Dichloroethene | ug/L | <0.57 | 1.0 | 05/26/10 06:26 | |
| 1,1-Dichloropropene | ug/L | <0.75 | 1.0 | 05/26/10 06:26 | |
| 1,2,3-Trichlorobenzene | ug/L | <0.74 | 1.0 | 05/26/10 06:26 | |
| 1,2,3-Trichloropropane | ug/L | <0.99 | 1.0 | 05/26/10 06:26 | |
| 1,2,4-Trichlorobenzene | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| 1,2,4-Trimethylbenzene | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <1.7 | 5.0 | 05/26/10 06:26 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.56 | 1.0 | 05/26/10 06:26 | |
| 1,2-Dichlorobenzene | ug/L | <0.83 | 1.0 | 05/26/10 06:26 | |
| 1,2-Dichloroethane | ug/L | <0.36 | 1.0 | 05/26/10 06:26 | |
| 1,2-Dichloropropane | ug/L | <0.49 | 1.0 | 05/26/10 06:26 | |
| 1,3,5-Trimethylbenzene | ug/L | <0.83 | 1.0 | 05/26/10 06:26 | |
| 1,3-Dichlorobenzene | ug/L | <0.87 | 1.0 | 05/26/10 06:26 | |
| 1,3-Dichloropropane | ug/L | <0.61 | 1.0 | 05/26/10 06:26 | |
| 1,4-Dichlorobenzene | ug/L | <0.95 | 1.0 | 05/26/10 06:26 | |
| 2,2-Dichloropropane | ug/L | <0.62 | 1.0 | 05/26/10 06:26 | |
| 2-Chlorotoluene | ug/L | <0.85 | 1.0 | 05/26/10 06:26 | |
| 4-Chlorotoluene | ug/L | <0.74 | 1.0 | 05/26/10 06:26 | |
| Benzene | ug/L | <0.41 | 1.0 | 05/26/10 06:26 | |
| Bromobenzene | ug/L | <0.82 | 1.0 | 05/26/10 06:26 | |
| Bromochloromethane | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| Bromodichloromethane | ug/L | <0.56 | 1.0 | 05/26/10 06:26 | |
| Bromoform | ug/L | <0.94 | 1.0 | 05/26/10 06:26 | |
| Bromomethane | ug/L | <0.91 | 1.0 | 05/26/10 06:26 | |
| Carbon tetrachloride | ug/L | <0.49 | 1.0 | 05/26/10 06:26 | |
| Chlorobenzene | ug/L | <0.41 | 1.0 | 05/26/10 06:26 | |
| Chloroethane | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| Chloroform | ug/L | <1.3 | 5.0 | 05/26/10 06:26 | |
| Chloromethane | ug/L | <0.24 | 1.0 | 05/26/10 06:26 | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 1.0 | 05/26/10 06:26 | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 1.0 | 05/26/10 06:26 | |
| Dibromochloromethane | ug/L | <0.81 | 1.0 | 05/26/10 06:26 | |
| Dibromomethane | ug/L | <0.60 | 1.0 | 05/26/10 06:26 | |
| Dichlorodifluoromethane | ug/L | <0.99 | 1.0 | 05/26/10 06:26 | |
| Diisopropyl ether | ug/L | <0.76 | 1.0 | 05/26/10 06:26 | |
| Ethylbenzene | ug/L | <0.54 | 1.0 | 05/26/10 06:26 | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 84 of 88

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Project No.: 4032310

METHOD BLANK: 304882

Matrix: Water

Associated Lab Samples: 4032310016, 4032310017, 4032310018, 4032310019, 4032310020, 4032310021, 4032310022, 4032310023, 4032310024, 4032310025, 4032310026

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Hexachloro-1,3-butadiene | ug/L | <0.67 | 5.0 | 05/26/10 06:26 | |
| Isopropylbenzene (Cumene) | ug/L | <0.59 | 1.0 | 05/26/10 06:26 | |
| m&p-Xylene | ug/L | <1.8 | 2.0 | 05/26/10 06:26 | |
| Methyl-tert-butyl ether | ug/L | <0.61 | 1.0 | 05/26/10 06:26 | |
| Methylene Chloride | ug/L | <0.43 | 1.0 | 05/26/10 06:26 | |
| n-Butylbenzene | ug/L | <0.93 | 1.0 | 05/26/10 06:26 | |
| n-Propylbenzene | ug/L | <0.81 | 1.0 | 05/26/10 06:26 | |
| Naphthalene | ug/L | <0.89 | 5.0 | 05/26/10 06:26 | |
| o-Xylene | ug/L | <0.83 | 1.0 | 05/26/10 06:26 | |
| p-Isopropyltoluene | ug/L | <0.67 | 1.0 | 05/26/10 06:26 | |
| sec-Butylbenzene | ug/L | <0.89 | 5.0 | 05/26/10 06:26 | |
| Styrene | ug/L | <0.86 | 1.0 | 05/26/10 06:26 | |
| tert-Butylbenzene | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| Tetrachloroethene | ug/L | <0.45 | 1.0 | 05/26/10 06:26 | |
| Toluene | ug/L | <0.67 | 1.0 | 05/26/10 06:26 | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 1.0 | 05/26/10 06:26 | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 1.0 | 05/26/10 06:26 | |
| Trichloroethene | ug/L | <0.48 | 1.0 | 05/26/10 06:26 | |
| Trichlorofluoromethane | ug/L | <0.79 | 1.0 | 05/26/10 06:26 | |
| Vinyl chloride | ug/L | <0.18 | 1.0 | 05/26/10 06:26 | |
| 4-Bromofluorobenzene (S) | %- | 87 | 69-130 | 05/26/10 06:26 | |
| Dibromofluoromethane (S) | %- | 94 | 70-134 | 05/26/10 06:26 | |
| Toluene-d8 (S) | %- | 99 | 70-130 | 05/26/10 06:26 | |

LABORATORY CONTROL SAMPLE & LCSD: 304883

304884

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/L | 50 | 48.3 | 49.7 | 97 | 99 | 70-132 | 3 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 48.7 | 51.7 | 97 | 103 | 63-130 | 6 | 20 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 53.1 | 54.7 | 106 | 109 | 70-130 | 3 | 20 | |
| 1,1-Dichloroethane | ug/L | 50 | 51.8 | 53.0 | 104 | 106 | 70-132 | 2 | 20 | |
| 1,1-Dichloroethene | ug/L | 50 | 59.1 | 60.6 | 118 | 121 | 70-137 | 3 | 20 | |
| 1,2-Dichloroethane | ug/L | 50 | 51.5 | 53.3 | 103 | 107 | 70-130 | 4 | 20 | |
| 1,2-Dichloropropane | ug/L | 50 | 52.8 | 53.6 | 106 | 107 | 70-130 | 2 | 20 | |
| Benzene | ug/L | 50 | 53.6 | 54.1 | 107 | 108 | 70-130 | 1 | 20 | |
| Bromodichloromethane | ug/L | 50 | 51.6 | 53.1 | 103 | 106 | 70-131 | 3 | 20 | |
| Bromoform | ug/L | 50 | 45.8 | 48.8 | 92 | 98 | 70-130 | 6 | 20 | |
| Bromomethane | ug/L | 50 | 53.1 | 56.7 | 106 | 113 | 53-160 | 7 | 20 | |
| Carbon tetrachloride | ug/L | 50 | 46.2 | 48.1 | 92 | 96 | 70-130 | 4 | 20 | |
| Chlorobenzene | ug/L | 50 | 52.0 | 52.5 | 104 | 105 | 70-130 | .9 | 20 | |
| Chloroethane | ug/L | 50 | 61.4 | 61.7 | 123 | 123 | 70-147 | .5 | 20 | |
| Chloroform | ug/L | 50 | 50.6 | 51.5 | 101 | 103 | 70-130 | 2 | 20 | |
| Chloromethane | ug/L | 50 | 55.1 | 53.7 | 110 | 107 | 41-137 | 3 | 20 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 50.6 | 50.7 | 101 | 101 | 70-130 | .08 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

| LABORATORY CONTROL SAMPLE & LCSD: 304883 | | 304884 | | | | | | | | |
|--|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| cis-1,3-Dichloropropene | ug/L | 50 | 46.7 | 48.6 | 93 | 97 | 70-130 | 4 | 20 | |
| Dibromochloromethane | ug/L | 50 | 48.7 | 50.8 | 97 | 102 | 70-130 | 4 | 20 | |
| Ethylbenzene | ug/L | 50 | 53.2 | 53.5 | 106 | 107 | 70-130 | .6 | 20 | |
| m&p-Xylene | ug/L | 100 | 108 | 107 | 108 | 107 | 70-130 | .9 | 20 | |
| Methylene Chloride | ug/L | 50 | 56.9 | 57.9 | 114 | 116 | 70-130 | 2 | 20 | |
| o-Xylene | ug/L | 50 | 52.8 | 52.8 | 106 | 106 | 70-130 | .04 | 20 | |
| Styrene | ug/L | 50 | 52.9 | 53.4 | 106 | 107 | 70-130 | 1 | 20 | |
| Tetrachloroethene | ug/L | 50 | 51.1 | 51.5 | 102 | 103 | 70-130 | .8 | 20 | |
| Toluene | ug/L | 50 | 52.7 | 52.7 | 105 | 105 | 70-130 | .03 | 20 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 53.7 | 55.1 | 107 | 110 | 70-130 | 3 | 20 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 44.9 | 46.5 | 90 | 93 | 70-130 | 3 | 20 | |
| Trichloroethene | ug/L | 50 | 53.2 | 52.6 | 106 | 105 | 70-130 | 1 | 20 | |
| Vinyl chloride | ug/L | 50 | 55.3 | 55.8 | 111 | 112 | 47-131 | .8 | 20 | |
| 4-Bromofluorobenzene (S) | %- | | | | 92 | 91 | 69-130 | | | |
| Dibromofluoromethane (S) | %- | | | | 98 | 98 | 70-134 | | | |
| Toluene-d8 (S) | %- | | | | 98 | 98 | 70-130 | | | |

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 305067 | | 305068 | | | | | | | | | | | |
|---|-------|------------|-------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Parameter | Units | 4032300001 | | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| | | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | RPD | RPD | | | |
| 1,1,1-Trichloroethane | ug/L | <0.90 | 50 | 50 | 47.8 | 49.3 | 96 | 99 | 70-132 | 3 | 20 | | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 50 | 50 | 49.4 | 50.0 | 99 | 100 | 61-130 | 1 | 20 | | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 50 | 50 | 54.5 | 53.3 | 109 | 107 | 70-130 | 2 | 20 | | |
| 1,1-Dichloroethane | ug/L | <0.75 | 50 | 50 | 51.6 | 51.4 | 103 | 103 | 70-132 | .4 | 20 | | |
| 1,1-Dichloroethene | ug/L | <0.57 | 50 | 50 | 59.5 | 59.6 | 119 | 119 | 70-137 | .1 | 20 | | |
| 1,2-Dichloroethane | ug/L | <0.36 | 50 | 50 | 52.2 | 53.0 | 104 | 106 | 70-133 | 1 | 20 | | |
| 1,2-Dichloropropane | ug/L | <0.49 | 50 | 50 | 53.1 | 52.7 | 106 | 105 | 70-130 | .9 | 20 | | |
| Benzene | ug/L | <0.41 | 50 | 50 | 53.0 | 53.0 | 106 | 106 | 70-130 | .04 | 20 | | |
| Bromodichloromethane | ug/L | <0.56 | 50 | 50 | 52.6 | 53.4 | 105 | 107 | 70-131 | 2 | 20 | | |
| Bromoform | ug/L | <0.94 | 50 | 50 | 45.9 | 46.8 | 92 | 94 | 68-130 | 2 | 20 | | |
| Bromomethane | ug/L | <0.91 | 50 | 50 | 52.8 | 54.7 | 106 | 109 | 47-177 | 4 | 20 | | |
| Carbon tetrachloride | ug/L | <0.49 | 50 | 50 | 46.4 | 47.7 | 93 | 95 | 70-149 | 3 | 20 | | |
| Chlorobenzene | ug/L | <0.41 | 50 | 50 | 52.5 | 51.5 | 105 | 103 | 70-130 | 2 | 20 | | |
| Chloroethane | ug/L | <0.97 | 50 | 50 | 60.3 | 59.8 | 121 | 120 | 66-147 | .8 | 20 | | |
| Chloroform | ug/L | <1.3 | 50 | 50 | 51.0 | 51.1 | 102 | 102 | 70-130 | .2 | 20 | | |
| Chloromethane | ug/L | <0.24 | 50 | 50 | 50.3 | 49.4 | 101 | 99 | 41-137 | 2 | 20 | | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 50 | 50 | 49.7 | 49.9 | 99 | 100 | 70-130 | .3 | 20 | | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 50 | 50 | 47.5 | 47.6 | 95 | 95 | 70-130 | .2 | 20 | | |
| Dibromochloromethane | ug/L | <0.81 | 50 | 50 | 49.5 | 49.4 | 99 | 99 | 70-130 | .2 | 20 | | |
| Ethylbenzene | ug/L | <0.54 | 50 | 50 | 54.2 | 52.9 | 108 | 106 | 70-130 | 2 | 20 | | |
| m&p-Xylene | ug/L | <1.8 | 100 | 100 | 108 | 106 | 108 | 106 | 70-130 | 2 | 20 | | |
| Methylene Chloride | ug/L | <0.43 | 50 | 50 | 56.7 | 57.1 | 113 | 114 | 70-130 | .7 | 20 | | |
| o-Xylene | ug/L | <0.83 | 50 | 50 | 53.3 | 51.7 | 107 | 103 | 70-130 | 3 | 20 | | |
| Styrene | ug/L | <0.86 | 50 | 50 | 53.0 | 52.3 | 106 | 105 | 13-149 | 1 | 20 | | |
| Tetrachloroethene | ug/L | <0.45 | 50 | 50 | 51.9 | 50.3 | 104 | 101 | 70-130 | 3 | 20 | | |
| Toluene | ug/L | <0.67 | 50 | 50 | 53.0 | 51.9 | 106 | 104 | 70-130 | 2 | 20 | | |

Date: 06/07/2010 04:24 PM

REPORT OF LABORATORY ANALYSIS

Page 86 of 88

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

| Parameter | Units | 4032300001 | | MS | | MSD | | MS | | MSD | | % Rec Limits | RPD | Max RPD | Qual |
|---------------------------|-------|------------|----------------|-----------------|--------|------------|-------|-----------|--------|-----|----|--------------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | Result | MSD Result | % Rec | MSD % Rec | | | | | | | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 50 | 50 | 55.2 | 53.4 | 110 | 107 | 70-130 | 3 | 20 | | | | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 50 | 50 | 45.3 | 45.0 | 91 | 90 | 70-130 | .7 | 20 | | | | |
| Trichloroethene | ug/L | <0.48 | 50 | 50 | 52.7 | 52.5 | 105 | 105 | 70-130 | .4 | 20 | | | | |
| Vinyl chloride | ug/L | <0.18 | 50 | 50 | 52.3 | 51.8 | 105 | 104 | 46-131 | .8 | 20 | | | | |
| 4-Bromofluorobenzene (S) | %- | | | | | | 91 | 92 | 69-130 | | | | | | |
| Dibromofluoromethane (S) | %- | | | | | | 98 | 99 | 70-134 | | | | | | |
| Toluene-d8 (S) | %- | | | | | | 99 | 98 | 70-130 | | | | | | |

QUALIFIERS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032310

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

BATCH QUALIFIERS

Batch: GCSV/4317

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSSV/2648

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1q There was no sample volume available for reextraction and reanalysis.

B Analyte was detected in the associated method blank.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

S0 Surrogate recovery outside laboratory control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

Z3 Methylene chloride is a common laboratory contaminant. Results for this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the method blank.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

June 17, 2010

JAMES WEDEKIND
RMT MADISON
744 HEARTLAND TRAIL
Madison, WI 53717

RE: Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Dear JAMES WEDEKIND:

Enclosed are the analytical results for sample(s) received by the laboratory on June 08, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

cc: Nate Keller, RMT MADISON

REPORT OF LABORATORY ANALYSIS

Page 1 of 128

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



CERTIFICATIONS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Green Bay Certification IDs

1241 Bellevue Street Green Bay, WI 54302

Wisconsin DATCP Certification #: 105-444

Wisconsin Certification #: 405132750

South Carolina Certification #: 83006001

North Dakota Certification #: R-150

North Carolina Certification #: 503

California Certification #: 09268CA

New York Certification #: 11887

Minnesota Certification #: 055-999-334

Louisiana Certification #: 04168

Kentucky Certification #: 82

Illinois Certification #: 200050

Florida/NELAP Certification #: E87948

New York Certification #: 11888

REPORT OF LABORATORY ANALYSIS

Page 2 of 128

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

SAMPLE SUMMARY

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|------------|-------------|--------|----------------|----------------|
| 4032925001 | B-5 7.5-10 | Solid | 06/03/10 13:40 | 06/08/10 09:35 |
| 4032925002 | B-5 12.5-15 | Solid | 06/03/10 13:45 | 06/08/10 09:35 |
| 4032925003 | B-4 2.5-5 | Solid | 06/03/10 14:00 | 06/08/10 09:35 |
| 4032925004 | B-4 10-12.5 | Solid | 06/03/10 13:55 | 06/08/10 09:35 |
| 4032925005 | B-1 2.5-5 | Solid | 06/03/10 10:15 | 06/08/10 09:35 |
| 4032925006 | B-3 1-3 | Solid | 06/03/10 09:00 | 06/08/10 09:35 |
| 4032925007 | B-3 5-7.5 | Solid | 06/03/10 09:05 | 06/08/10 09:35 |
| 4032925008 | B-2 2.5-5 | Solid | 06/03/10 09:35 | 06/08/10 09:35 |
| 4032925009 | B-2 7.5-10 | Solid | 06/03/10 09:40 | 06/08/10 09:35 |
| 4032925010 | MW-5 | Water | 06/03/10 12:50 | 06/08/10 09:35 |
| 4032925011 | MW-14 | Water | 06/03/10 15:00 | 06/08/10 09:35 |
| 4032925012 | MW-15 | Water | 06/03/10 15:25 | 06/08/10 09:35 |
| 4032925013 | MW-9 | Water | 06/03/10 16:00 | 06/08/10 09:35 |
| 4032925014 | MW-16 | Water | 06/04/10 08:50 | 06/08/10 09:35 |
| 4032925015 | MW-20 | Water | 06/04/10 09:30 | 06/08/10 09:35 |
| 4032925016 | MW-1 | Water | 06/04/10 10:15 | 06/08/10 09:35 |
| 4032925017 | MW-2 | Water | 06/04/10 11:00 | 06/08/10 09:35 |
| 4032925018 | MW-8 | Water | 06/04/10 12:00 | 06/08/10 09:35 |
| 4032925019 | GW DUP-01 | Water | 06/04/10 00:00 | 06/08/10 09:35 |
| 4032925020 | TRIP BLANK | Water | 06/03/10 00:00 | 06/08/10 09:35 |

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|-------------|---------------|----------|-------------------|
| 4032925001 | B-5 7.5-10 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032925002 | B-5 12.5-15 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032925003 | B-4 2.5-5 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032925004 | B-4 10-12.5 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032925005 | B-1 2.5-5 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032925006 | B-3 1-3 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032925007 | B-3 5-7.5 | EPA 6010 | DLB | 7 |

REPORT OF LABORATORY ANALYSIS

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



SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|------------|---------------|----------|-------------------|
| 4032925008 | B-2 2.5-5 | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| 4032925009 | B-2 7.5-10 | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | SMT | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| 4032925010 | MW-5 | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| 4032925011 | MW-14 | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| 4032925012 | MW-15 | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| 4032925013 | MW-9 | EPA 8270 | ARO | 75 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 75 |

REPORT OF LABORATORY ANALYSIS

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



SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|------------|-----------|----------|-------------------|
| 4032925014 | MW-16 | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| 4032925015 | MW-20 | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| 4032925016 | MW-1 | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| 4032925017 | MW-2 | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| 4032925018 | MW-8 | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| 4032925019 | GW DUP-01 | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | ARO | 70 |
| | | EPA 8260 | SMT | 64 |
| 4032925020 | TRIP BLANK | EPA 8260 | SMT | 64 |

REPORT OF LABORATORY ANALYSIS

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 6010
Description: 6010 MET ICP
Client: RMT - MADISON
Date: June 17, 2010

General Information:

9 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT - MADISON
Date: June 17, 2010

General Information:

10 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 6010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 8 of 128

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 7470
Description: 7470 Mercury, Dissolved
Client: RMT - MADISON
Date: June 17, 2010

General Information:

10 samples were analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 9 of 128

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Method: EPA 7471

Description: 7471 Mercury

Client: RMT - MADISON

Date: June 17, 2010

General Information:

9 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 10 of 128

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: RMT - MADISON
Date: June 17, 2010

General Information:

9 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7487

S0: Surrogate recovery outside laboratory control limits.

- B-2 2.5-5 (Lab ID: 4032925008)
 - Nitrobenzene-d5 (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- B-3 1-3 (Lab ID: 4032925006)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- B-5 7.5-10 (Lab ID: 4032925001)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

Page 11 of 128

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: RMT - MADISON
Date: June 17, 2010

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: OEXT/7487

LO: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 311957)
 - 4-Chloro-3-methylphenol
 - Pentachlorophenol

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/7487

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032676022

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 311958)
 - 2,4-Dinitrophenol
- MSD (Lab ID: 311959)
 - 2,4-Dinitrophenol
 - N-Nitroso-di-n-propylamine
 - Naphthalene

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 12 of 128

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 8270
Description: 8270 MSSV Semivolatile Organic
Client: RMT - MADISON
Date: June 17, 2010

General Information:

10 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7481

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 311700)
 - 2,4,6-Tribromophenol (S)
- MS (Lab ID: 311701)
 - 2,4,6-Tribromophenol (S)
- MW-20 (Lab ID: 4032925015)
 - Nitrobenzene-d5 (S)
- MW-9 (Lab ID: 4032925013)
 - Nitrobenzene-d5 (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- GW DUP-01 (Lab ID: 4032925019)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- MW-15 (Lab ID: 4032925012)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)

REPORT OF LABORATORY ANALYSIS

Page 13 of 128

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 8270
Description: 8270 MSSV Semivolatile Organic
Client: RMT - MADISON
Date: June 17, 2010

QC Batch: OEXT/7481

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- Phenol-d6 (S)
- Terphenyl-d14 (S)
- MW-16 (Lab ID: 4032925014)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- MW-5 (Lab ID: 4032925010)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- MW-8 (Lab ID: 4032925018)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: OEXT/7481

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 311700)
 - Benzo(k)fluoranthene

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/7481

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032925013

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MSD (Lab ID: 311702)
 - 2,2'-Oxybis(1-chloropropane)

REPORT OF LABORATORY ANALYSIS

Page 14 of 128

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: RMT - MADISON

Date: June 17, 2010

QC Batch: OEXT/7481

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032925013

R1: RPD value was outside control limits.

- MSD (Lab ID: 311702)
 - Dibenz(a,h)anthracene

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/7481

1q: Analyzed 6/14/2010

- BLANK (Lab ID: 311699)
 - Acetophenone
 - Atrazine
 - Biphenyl (Diphenyl)
 - Benzaldehyde
 - Caprolactam

REPORT OF LABORATORY ANALYSIS

Page 15 of 128

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: RMT - MADISON
Date: June 17, 2010

General Information:

9 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/8084

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- B-5 7.5-10 (Lab ID: 4032925001)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/8084

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 312527)
 - Bromoform
- LCSD (Lab ID: 312528)
 - Bromoform

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: RMT - MADISON
Date: June 17, 2010

QC Batch: MSV/8085

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 17 of 128

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 8260
Description: 8260 MSV
Client: RMT - MADISON
Date: June 17, 2010

General Information:

11 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/8049

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032930003

R1: RPD value was outside control limits.

- MSD (Lab ID: 311346)
- Methylene Chloride

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 335.4
Description: 335.4 Cyanide, Total
Client: RMT - MADISON
Date: June 17, 2010

General Information:

9 samples were analyzed for EPA 335.4. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Method: EPA 9012
Description: 9012 Cyanide, Total
Client: RMT - MADISON
Date: June 17, 2010

General Information:

9 samples were analyzed for EPA 9012. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 9012A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/6659

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032886002,4032925009

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 314072)
 - Cyanide
- MSD (Lab ID: 314073)
 - Cyanide

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

Page 20 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-5 7.5-10 Lab ID: 4032925001 Collected: 06/03/10 13:40 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 6.7 | mg/kg | 2.4 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:01 | 7440-38-2 | |
| Barium | 62.2 | mg/kg | 0.60 | 0.054 | 1 | 06/08/10 15:45 | 06/10/10 11:01 | 7440-39-3 | |
| Cadmium | 0.22J | mg/kg | 0.60 | 0.031 | 1 | 06/08/10 15:45 | 06/10/10 11:01 | 7440-43-9 | |
| Chromium | 20.1 | mg/kg | 0.60 | 0.038 | 1 | 06/08/10 15:45 | 06/10/10 11:01 | 7440-47-3 | |
| Lead | 7.8 | mg/kg | 1.2 | 0.12 | 1 | 06/08/10 15:45 | 06/10/10 11:01 | 7439-92-1 | |
| Selenium | <0.19 | mg/kg | 2.4 | 0.19 | 1 | 06/08/10 15:45 | 06/10/10 11:01 | 7782-49-2 | |
| Silver | 0.24J | mg/kg | 1.2 | 0.053 | 1 | 06/08/10 15:45 | 06/10/10 11:01 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.019 | mg/kg | 0.012 | 0.0021 | 1 | 06/15/10 09:43 | 06/15/10 15:21 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | 49600 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 83-32-9 | |
| Acenaphthylene | <2140 | ug/kg | 20000 | 2140 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 208-96-8 | |
| Anthracene | 35600 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 120-12-7 | |
| Benzo(a)anthracene | 13300J | ug/kg | 20000 | 2240 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 56-55-3 | |
| Benzo(a)pyrene | 6850J | ug/kg | 20000 | 2420 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 50-32-8 | |
| Benzo(b)fluoranthene | 6250J | ug/kg | 20000 | 2350 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 205-99-2 | |
| Benzo(g,h,i)perylene | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 191-24-2 | |
| Benzo(k)fluoranthene | 6610J | ug/kg | 20000 | 3140 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 207-08-9 | |
| Benzyl alcohol | <2490 | ug/kg | 39800 | 2490 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <2110 | ug/kg | 20000 | 2110 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 101-55-3 | |
| Butylbenzylphthalate | <4490 | ug/kg | 20000 | 4490 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <2030 | ug/kg | 20000 | 2030 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 59-50-7 | L2 |
| 4-Chloroaniline | <9960 | ug/kg | 39800 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <2410 | ug/kg | 20000 | 2410 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 111-44-4 | |
| 2-Chloronaphthalene | <2070 | ug/kg | 20000 | 2070 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 91-58-7 | |
| 2-Chlorophenol | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 7005-72-3 | |
| Chrysene | 14500J | ug/kg | 20000 | 2910 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 218-01-9 | |
| Dibenz(a,h)anthracene | <3650 | ug/kg | 20000 | 3650 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 53-70-3 | |
| Dibenzofuran | 48900 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <1450 | ug/kg | 20000 | 1450 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 91-94-1 | |
| 2,4-Dichlorophenol | <1700 | ug/kg | 20000 | 1700 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 120-83-2 | |
| Diethylphthalate | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 84-66-2 | |
| 2,4-Dimethylphenol | 10400J | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 105-67-9 | |
| Dimethylphthalate | <2090 | ug/kg | 20000 | 2090 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 131-11-3 | |
| Di-n-butylphthalate | <3340 | ug/kg | 20000 | 3340 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 534-52-1 | |
| 2,4-Dinitrophenol | <14600 | ug/kg | 79700 | 14600 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 51-28-5 | |
| 2,4-Dinitrotoluene | <1570 | ug/kg | 20000 | 1570 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 121-14-2 | |
| 2,6-Dinitrotoluene | <2300 | ug/kg | 20000 | 2300 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 606-20-2 | |
| Di-n-octylphthalate | <2180 | ug/kg | 20000 | 2180 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-5 7.5-10 Lab ID: 4032925001 Collected: 06/03/10 13:40 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|-----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <4080 | ug/kg | 20000 | 4080 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 117-81-7 | |
| Fluoranthene | 72800 | ug/kg | 20000 | 3530 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 206-44-0 | |
| Fluorene | 50500 | ug/kg | 20000 | 1000 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <2560 | ug/kg | 20000 | 2560 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 87-68-3 | |
| Hexachlorobenzene | <1170 | ug/kg | 20000 | 1170 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 118-74-1 | |
| Hexachlorocyclopentadiene | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 77-47-4 | |
| Hexachloroethane | <2520 | ug/kg | 20000 | 2520 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <2670 | ug/kg | 20000 | 2670 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 193-39-5 | |
| Isophorone | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 78-59-1 | |
| 2-Methylnaphthalene | 86900 | ug/kg | 20000 | 2200 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | 11100J | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 27400 | ug/kg | 20000 | 2080 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | | |
| Naphthalene | 444000 | ug/kg | 20000 | 2330 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 91-20-3 | |
| 2-Nitroaniline | <1440 | ug/kg | 20000 | 1440 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 88-74-4 | |
| 3-Nitroaniline | <1580 | ug/kg | 20000 | 1580 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 99-09-2 | |
| 4-Nitroaniline | <9960 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 100-01-6 | |
| Nitrobenzene | <2290 | ug/kg | 20000 | 2290 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 98-95-3 | |
| 2-Nitrophenol | <2380 | ug/kg | 20000 | 2380 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 88-75-5 | |
| 4-Nitrophenol | <3930 | ug/kg | 20000 | 3930 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <2360 | ug/kg | 20000 | 2360 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2740 | ug/kg | 20000 | 2740 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 86-30-6 | |
| Pentachlorophenol | <9960 | ug/kg | 39400 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 87-86-5 | L2 |
| Phenanthrene | 144000 | ug/kg | 20000 | 9960 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 85-01-8 | |
| Phenol | 14200J | ug/kg | 20000 | 2370 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 108-95-2 | |
| Pyrene | 54700 | ug/kg | 20000 | 4850 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <6250 | ug/kg | 20000 | 6250 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <1310 | ug/kg | 20000 | 1310 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <2200 | ug/kg | 20000 | 2200 | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 100 | 06/10/10 09:48 | 06/11/10 09:51 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|--------|-------|-------|-------|-----|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 79-00-5 | W |
| 1,1-Dichloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-34-3 | W |
| 1,1-Dichloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-35-4 | W |
| 1,1-Dichloropropene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 22 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Sample Project No.: 4032925

Sample: B-5 7.5-10 Lab ID: 4032925001 Collected: 06/03/10 13:40 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|-------|-----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 51400 | ug/kg | 28700 | 12000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <32900 | ug/kg | 100000 | 32900 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <17800 | ug/kg | 24000 | 17800 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 95-50-1 | W |
| 1,2-Dichloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 107-06-2 | W |
| 1,2-Dichloropropane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 45800 | ug/kg | 28700 | 12000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 108-67-8 | |
| 1,3-Dichlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 541-73-1 | W |
| 1,3-Dichloropropane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 106-46-7 | W |
| 2,2-Dichloropropane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 594-20-7 | W |
| 2-Chlorotoluene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 95-49-8 | W |
| 4-Chlorotoluene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 106-43-4 | W |
| Benzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 71-43-2 | W |
| Bromobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 108-86-1 | W |
| Bromochloromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 74-97-5 | W |
| Bromodichloromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-27-4 | W |
| Bromoform | <10400 | ug/kg | 24000 | 10400 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-25-2 | L2,W |
| Bromomethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 74-83-9 | W |
| Carbon tetrachloride | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 56-23-5 | W |
| Chlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 108-90-7 | W |
| Chloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-00-3 | W |
| Chloroform | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 67-66-3 | W |
| Chloromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 74-87-3 | W |
| Dibromochloromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 124-48-1 | W |
| Dibromomethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 74-95-3 | W |
| Dichlorodifluoromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-71-8 | W |
| Diisopropyl ether | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 108-20-3 | W |
| Ethylbenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <10600 | ug/kg | 24000 | 10600 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 98-82-8 | W |
| Methyl-tert-butyl ether | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 1634-04-4 | W |
| Methylene Chloride | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-09-2 | W |
| Naphthalene | 1000000 | ug/kg | 28700 | 12000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 91-20-3 | |
| Styrene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 100-42-5 | W |
| Tetrachloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 127-18-4 | W |
| Toluene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 108-88-3 | W |
| Trichloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 79-01-6 | W |
| Trichlorofluoromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-69-4 | W |
| Vinyl chloride | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 10061-01-5 | W |
| m&p-Xylene | <20000 | ug/kg | 48000 | 20000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 179601-23-1 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 23 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-5 7.5-10 **Lab ID: 4032925001** Collected: 06/03/10 13:40 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|-------|-----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <16200 | ug/kg | 24000 | 16200 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 104-51-8 | W |
| n-Propylbenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 103-65-1 | W |
| o-Xylene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 95-47-6 | W |
| p-Isopropyltoluene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 99-87-6 | W |
| sec-Butylbenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 135-98-8 | W |
| tert-Butylbenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 400 | 06/11/10 08:52 | 06/11/10 19:33 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 16.3 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:33 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.24 | mg/kg | 0.43 | 0.24 | 1 | 06/15/10 10:24 | 06/15/10 18:31 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-5 12.5-15 **Lab ID: 4032925002** Collected: 06/03/10 13:45 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 3.5 | mg/kg | 2.2 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:05 | 7440-38-2 | |
| Barium | 52.7 | mg/kg | 0.56 | 0.050 | 1 | 06/08/10 15:45 | 06/10/10 11:05 | 7440-39-3 | |
| Cadmium | 0.31J | mg/kg | 0.56 | 0.029 | 1 | 06/08/10 15:45 | 06/10/10 11:05 | 7440-43-9 | |
| Chromium | 16.5 | mg/kg | 0.56 | 0.035 | 1 | 06/08/10 15:45 | 06/10/10 11:05 | 7440-47-3 | |
| Lead | 6.7 | mg/kg | 1.1 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:05 | 7439-92-1 | |
| Selenium | 0.22J | mg/kg | 2.2 | 0.18 | 1 | 06/08/10 15:45 | 06/10/10 11:05 | 7782-49-2 | |
| Silver | 0.14J | mg/kg | 1.1 | 0.050 | 1 | 06/08/10 15:45 | 06/10/10 11:05 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.012 | mg/kg | 0.012 | 0.0021 | 1 | 06/15/10 09:43 | 06/15/10 15:28 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 83-32-9 | |
| Acenaphthylene | <210 | ug/kg | 1960 | 210 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 208-96-8 | |
| Anthracene | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 120-12-7 | |
| Benzo(a)anthracene | <220 | ug/kg | 1960 | 220 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 56-55-3 | |
| Benzo(a)pyrene | <237 | ug/kg | 1960 | 237 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 50-32-8 | |
| Benzo(b)fluoranthene | <231 | ug/kg | 1960 | 231 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 205-99-2 | |
| Benzo(g,h,i)perylene | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 191-24-2 | |
| Benzo(k)fluoranthene | <308 | ug/kg | 1960 | 308 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 207-08-9 | |
| Benzyl alcohol | <244 | ug/kg | 3900 | 244 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <207 | ug/kg | 1960 | 207 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 101-55-3 | |
| Butylbenzylphthalate | <440 | ug/kg | 1960 | 440 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <200 | ug/kg | 1960 | 200 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 59-50-7 | L2 |
| 4-Chloroaniline | <977 | ug/kg | 3900 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <236 | ug/kg | 1960 | 236 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 111-44-4 | |
| 2-Chloronaphthalene | <203 | ug/kg | 1960 | 203 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 91-58-7 | |
| 2-Chlorophenol | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 7005-72-3 | |
| Chrysene | <285 | ug/kg | 1960 | 285 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 218-01-9 | |
| Dibenz(a,h)anthracene | <358 | ug/kg | 1960 | 358 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 53-70-3 | |
| Dibenzofuran | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <142 | ug/kg | 1960 | 142 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 91-94-1 | |
| 2,4-Dichlorophenol | <167 | ug/kg | 1960 | 167 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 120-83-2 | |
| Diethylphthalate | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 84-66-2 | |
| 2,4-Dimethylphenol | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 105-67-9 | |
| Dimethylphthalate | <205 | ug/kg | 1960 | 205 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 131-11-3 | |
| Di-n-butylphthalate | <327 | ug/kg | 1960 | 327 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 534-52-1 | |
| 2,4-Dinitrophenol | <1440 | ug/kg | 7820 | 1440 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 51-28-5 | |
| 2,4-Dinitrotoluene | <154 | ug/kg | 1960 | 154 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 121-14-2 | |
| 2,6-Dinitrotoluene | <226 | ug/kg | 1960 | 226 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 606-20-2 | |
| Di-n-octylphthalate | <214 | ug/kg | 1960 | 214 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-5 12.5-15 Lab ID: 4032925002 Collected: 06/03/10 13:45 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <400 | ug/kg | 1960 | 400 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 117-81-7 | |
| Fluoranthene | <346 | ug/kg | 1960 | 346 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 206-44-0 | |
| Fluorene | <98.3 | ug/kg | 1960 | 98.3 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <252 | ug/kg | 1960 | 252 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 87-68-3 | |
| Hexachlorobenzene | <115 | ug/kg | 1960 | 115 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 118-74-1 | |
| Hexachlorocyclopentadiene | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 77-47-4 | |
| Hexachloroethane | <247 | ug/kg | 1960 | 247 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <262 | ug/kg | 1960 | 262 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 193-39-5 | |
| Isophorone | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 78-59-1 | |
| 2-Methylnaphthalene | 469J | ug/kg | 1960 | 216 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 3950 | ug/kg | 1960 | 204 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | | |
| Naphthalene | 14600 | ug/kg | 1960 | 229 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 91-20-3 | |
| 2-Nitroaniline | <142 | ug/kg | 1960 | 142 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 88-74-4 | |
| 3-Nitroaniline | <155 | ug/kg | 1960 | 155 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 99-09-2 | |
| 4-Nitroaniline | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 100-01-6 | |
| Nitrobenzene | <225 | ug/kg | 1960 | 225 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 98-95-3 | |
| 2-Nitrophenol | <234 | ug/kg | 1960 | 234 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 88-75-5 | |
| 4-Nitrophenol | <386 | ug/kg | 1960 | 386 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <232 | ug/kg | 1960 | 232 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 621-64-7 | |
| N-Nitrosodiphenylamine | <268 | ug/kg | 1960 | 268 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 86-30-6 | |
| Pentachlorophenol | <977 | ug/kg | 3870 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 87-86-5 | L2 |
| Phenanthrene | <977 | ug/kg | 1960 | 977 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 85-01-8 | |
| Phenol | 1360J | ug/kg | 1960 | 232 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 108-95-2 | |
| Pyrene | <476 | ug/kg | 1960 | 476 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <613 | ug/kg | 1960 | 613 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <129 | ug/kg | 1960 | 129 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <216 | ug/kg | 1960 | 216 | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 56 | %- | 37-130 | | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 85 | %- | 46-130 | | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 321-60-8 | |
| Terphenyl-d14 (S) | 80 | %- | 27-135 | | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 1718-51-0 | |
| Phenol-d6 (S) | 53 | %- | 30-130 | | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 13127-88-3 | |
| 2-Fluorophenol (S) | 53 | %- | 28-130 | | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 37 | %- | 23-130 | | 10 | 06/10/10 09:48 | 06/11/10 16:55 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|------|-------|-----|-----|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 79-00-5 | W |
| 1,1-Dichloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-34-3 | W |
| 1,1-Dichloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-35-4 | W |
| 1,1-Dichloropropene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 26 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-5 12.5-15 Lab ID: 4032925002 Collected: 06/03/10 13:45 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|-----|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 1420 | ug/kg | 563 | 235 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <658 | ug/kg | 2000 | 658 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <355 | ug/kg | 480 | 355 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 95-50-1 | W |
| 1,2-Dichloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 107-06-2 | W |
| 1,2-Dichloropropane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 1100 | ug/kg | 563 | 235 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 108-67-8 | |
| 1,3-Dichlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 541-73-1 | W |
| 1,3-Dichloropropane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 106-46-7 | W |
| 2,2-Dichloropropane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 594-20-7 | W |
| 2-Chlorotoluene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 95-49-8 | W |
| 4-Chlorotoluene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 106-43-4 | W |
| Benzene | 1910 | ug/kg | 563 | 235 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 71-43-2 | |
| Bromobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 108-86-1 | W |
| Bromochloromethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 74-97-5 | W |
| Bromodichloromethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-27-4 | W |
| Bromoform | <207 | ug/kg | 480 | 207 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-25-2 | L2,W |
| Bromomethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 74-83-9 | W |
| Carbon tetrachloride | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 56-23-5 | W |
| Chlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 108-90-7 | W |
| Chloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-00-3 | W |
| Chloroform | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 67-66-3 | W |
| Chloromethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 74-87-3 | W |
| Dibromochloromethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 124-48-1 | W |
| Dibromomethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 74-95-3 | W |
| Dichlorodifluoromethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-71-8 | W |
| Diisopropyl ether | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 108-20-3 | W |
| Ethylbenzene | 833 | ug/kg | 563 | 235 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <211 | ug/kg | 480 | 211 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 98-82-8 | W |
| Methyl-tert-butyl ether | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 1634-04-4 | W |
| Methylene Chloride | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-09-2 | W |
| Naphthalene | 48700 | ug/kg | 563 | 235 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 91-20-3 | |
| Styrene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 100-42-5 | W |
| Tetrachloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 127-18-4 | W |
| Toluene | 2060 | ug/kg | 563 | 235 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 108-88-3 | |
| Trichloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 79-01-6 | W |
| Trichlorofluoromethane | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-69-4 | W |
| Vinyl chloride | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 10061-01-5 | W |
| m&p-Xylene | 2650 | ug/kg | 1130 | 469 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 179601-23-1 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 27 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: B-5 12.5-15 **Lab ID: 4032925002** Collected: 06/03/10 13:45 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <323 | ug/kg | 480 | 323 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 104-51-8 | W |
| n-Propylbenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 103-65-1 | W |
| o-Xylene | 1010 | ug/kg | 563 | 235 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 95-47-6 | |
| p-Isopropyltoluene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 99-87-6 | W |
| sec-Butylbenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 135-98-8 | W |
| tert-Butylbenzene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <200 | ug/kg | 480 | 200 | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 75 | %- | 67-143 | | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 1868-53-7 | |
| Toluene-d8 (S) | 89 | %- | 67-132 | | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 76 | %- | 55-141 | | 8 | 06/11/10 08:52 | 06/11/10 19:56 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 14.7 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:33 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.34 | mg/kg | 0.61 | 0.34 | 1 | 06/15/10 10:24 | 06/15/10 18:35 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032925

Sample: B-4 2.5-5 Lab ID: 4032925003 Collected: 06/03/10 14:00 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 5.3 | mg/kg | 2.2 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:17 | 7440-38-2 | |
| Barium | 66.7 | mg/kg | 0.56 | 0.050 | 1 | 06/08/10 15:45 | 06/10/10 11:17 | 7440-39-3 | |
| Cadmium | 0.44J | mg/kg | 0.56 | 0.029 | 1 | 06/08/10 15:45 | 06/10/10 11:17 | 7440-43-9 | |
| Chromium | 22.7 | mg/kg | 0.56 | 0.036 | 1 | 06/08/10 15:45 | 06/10/10 11:17 | 7440-47-3 | |
| Lead | 14.0 | mg/kg | 1.1 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:17 | 7439-92-1 | |
| Selenium | 0.37J | mg/kg | 2.2 | 0.18 | 1 | 06/08/10 15:45 | 06/10/10 11:17 | 7782-49-2 | |
| Silver | 0.090J | mg/kg | 1.1 | 0.050 | 1 | 06/08/10 15:45 | 06/10/10 11:17 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.019 | mg/kg | 0.012 | 0.0021 | 1 | 06/15/10 09:43 | 06/15/10 15:22 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 83-32-9 | |
| Acenaphthylene | <21.5 | ug/kg | 201 | 21.5 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 208-96-8 | |
| Anthracene | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 120-12-7 | |
| Benzo(a)anthracene | 211 | ug/kg | 201 | 22.6 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 56-55-3 | |
| Benzo(a)pyrene | 250 | ug/kg | 201 | 24.3 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 50-32-8 | |
| Benzo(b)fluoranthene | 213 | ug/kg | 201 | 23.7 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 205-99-2 | |
| Benzo(g,h,i)perylene | 147J | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 191-24-2 | |
| Benzo(k)fluoranthene | 278 | ug/kg | 201 | 31.6 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 207-08-9 | |
| Benzyl alcohol | <25.0 | ug/kg | 400 | 25.0 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <21.2 | ug/kg | 201 | 21.2 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 101-55-3 | |
| Butylbenzylphthalate | <45.1 | ug/kg | 201 | 45.1 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <20.5 | ug/kg | 201 | 20.5 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 59-50-7 | L2 |
| 4-Chloroaniline | <100 | ug/kg | 400 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.2 | ug/kg | 201 | 24.2 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 111-44-4 | |
| 2-Chloronaphthalene | <20.9 | ug/kg | 201 | 20.9 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 91-58-7 | |
| 2-Chlorophenol | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 7005-72-3 | |
| Chrysene | 258 | ug/kg | 201 | 29.2 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 218-01-9 | |
| Dibenz(a,h)anthracene | <36.7 | ug/kg | 201 | 36.7 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 53-70-3 | |
| Dibenzofuran | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.5 | ug/kg | 201 | 14.5 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.1 | ug/kg | 201 | 17.1 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 120-83-2 | |
| Diethylphthalate | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 84-66-2 | |
| 2,4-Dimethylphenol | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 105-67-9 | |
| Dimethylphthalate | <21.0 | ug/kg | 201 | 21.0 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 131-11-3 | |
| Di-n-butylphthalate | <33.5 | ug/kg | 201 | 33.5 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 534-52-1 | |
| 2,4-Dinitrophenol | <147 | ug/kg | 802 | 147 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.7 | ug/kg | 201 | 15.7 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 121-14-2 | |
| 2,6-Dinitrotoluene | <23.2 | ug/kg | 201 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 606-20-2 | |
| Di-n-octylphthalate | <21.9 | ug/kg | 201 | 21.9 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-4 2.5-5 Lab ID: 4032925003 Collected: 06/03/10 14:00 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <41.0 | ug/kg | 201 | 41.0 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 117-81-7 | |
| Fluoranthene | 407 | ug/kg | 201 | 35.5 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 206-44-0 | |
| Fluorene | <10.1 | ug/kg | 201 | 10.1 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <25.8 | ug/kg | 201 | 25.8 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 87-68-3 | |
| Hexachlorobenzene | <11.8 | ug/kg | 201 | 11.8 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 118-74-1 | |
| Hexachlorocyclopentadiene | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 77-47-4 | |
| Hexachloroethane | <25.4 | ug/kg | 201 | 25.4 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 127J | ug/kg | 201 | 26.9 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 193-39-5 | |
| Isophorone | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 78-59-1 | |
| 2-Methylnaphthalene | <22.1 | ug/kg | 201 | 22.1 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <20.9 | ug/kg | 201 | 20.9 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | | |
| Naphthalene | 33.6J | ug/kg | 201 | 23.4 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 91-20-3 | |
| 2-Nitroaniline | <14.5 | ug/kg | 201 | 14.5 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 88-74-4 | |
| 3-Nitroaniline | <15.9 | ug/kg | 201 | 15.9 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 99-09-2 | |
| 4-Nitroaniline | <100 | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 100-01-6 | |
| Nitrobenzene | <23.0 | ug/kg | 201 | 23.0 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 98-95-3 | |
| 2-Nitrophenol | <24.0 | ug/kg | 201 | 24.0 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 88-75-5 | |
| 4-Nitrophenol | <39.5 | ug/kg | 201 | 39.5 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <23.8 | ug/kg | 201 | 23.8 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 621-64-7 | |
| N-Nitrosodiphenylamine | <27.5 | ug/kg | 201 | 27.5 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 86-30-6 | |
| Pentachlorophenol | <100 | ug/kg | 397 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 87-86-5 | L2 |
| Phenanthrene | 190J | ug/kg | 201 | 100 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 85-01-8 | |
| Phenol | <23.8 | ug/kg | 201 | 23.8 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 108-95-2 | |
| Pyrene | 320 | ug/kg | 201 | 48.8 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <62.8 | ug/kg | 201 | 62.8 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.2 | ug/kg | 201 | 13.2 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.1 | ug/kg | 201 | 22.1 | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 47 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 61 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 321-60-8 | |
| Terphenyl-d14 (S) | 57 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 1718-51-0 | |
| Phenol-d6 (S) | 48 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 13127-88-3 | |
| 2-Fluorophenol (S) | 56 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 76 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:13 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 30 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-4 2.5-5 Lab ID: 4032925003 Collected: 06/03/10 14:00 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 109 | ug/kg | 72.1 | 30.1 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-25-2 | L2,W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-09-2 | W |
| Naphthalene | 133 | ug/kg | 72.1 | 30.1 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 179601-23-1 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 31 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-4 2.5-5 **Lab ID: 4032925003** Collected: 06/03/10 14:00 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 100 | %- | 67-143 | | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 1868-53-7 | |
| Toluene-d8 (S) | 109 | %- | 67-132 | | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 98 | %- | 55-141 | | 1 | 06/11/10 08:52 | 06/11/10 16:30 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 16.8 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:33 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.23 | mg/kg | 0.42 | 0.23 | 1 | 06/15/10 10:24 | 06/15/10 18:35 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-4 10-12.5 **Lab ID: 4032925004** Collected: 06/03/10 13:55 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 6.1 | mg/kg | 2.3 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:21 | 7440-38-2 | |
| Barium | 67.0 | mg/kg | 0.58 | 0.052 | 1 | 06/08/10 15:45 | 06/10/10 11:21 | 7440-39-3 | |
| Cadmium | 0.30J | mg/kg | 0.58 | 0.030 | 1 | 06/08/10 15:45 | 06/10/10 11:21 | 7440-43-9 | |
| Chromium | 25.2 | mg/kg | 0.58 | 0.037 | 1 | 06/08/10 15:45 | 06/10/10 11:21 | 7440-47-3 | |
| Lead | 12.8 | mg/kg | 1.2 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:21 | 7439-92-1 | |
| Selenium | 0.35J | mg/kg | 2.3 | 0.19 | 1 | 06/08/10 15:45 | 06/10/10 11:21 | 7782-49-2 | |
| Silver | 0.11J | mg/kg | 1.2 | 0.052 | 1 | 06/08/10 15:45 | 06/10/10 11:21 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.023 | mg/kg | 0.012 | 0.0021 | 1 | 06/15/10 09:43 | 06/15/10 15:29 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 83-32-9 | |
| Acenaphthylene | <21.0 | ug/kg | 196 | 21.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 208-96-8 | |
| Anthracene | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 120-12-7 | |
| Benzo(a)anthracene | 118J | ug/kg | 196 | 22.1 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 56-55-3 | |
| Benzo(a)pyrene | 152J | ug/kg | 196 | 23.8 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 50-32-8 | |
| Benzo(b)fluoranthene | 127J | ug/kg | 196 | 23.1 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 205-99-2 | |
| Benzo(g,h,i)perylene | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 191-24-2 | |
| Benzo(k)fluoranthene | 164J | ug/kg | 196 | 30.9 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 207-08-9 | |
| Benzyl alcohol | <24.4 | ug/kg | 391 | 24.4 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <20.8 | ug/kg | 196 | 20.8 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 101-55-3 | |
| Butylbenzylphthalate | <44.1 | ug/kg | 196 | 44.1 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <20.0 | ug/kg | 196 | 20.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 59-50-7 | L2 |
| 4-Chloroaniline | <98.0 | ug/kg | 391 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <23.6 | ug/kg | 196 | 23.6 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 111-44-4 | |
| 2-Chloronaphthalene | <20.4 | ug/kg | 196 | 20.4 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 91-58-7 | |
| 2-Chlorophenol | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 7005-72-3 | |
| Chrysene | 139J | ug/kg | 196 | 28.6 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 218-01-9 | |
| Dibenz(a,h)anthracene | <35.9 | ug/kg | 196 | 35.9 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 53-70-3 | |
| Dibenzofuran | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.2 | ug/kg | 196 | 14.2 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 91-94-1 | |
| 2,4-Dichlorophenol | <16.7 | ug/kg | 196 | 16.7 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 120-83-2 | |
| Diethylphthalate | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 84-66-2 | |
| 2,4-Dimethylphenol | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 105-67-9 | |
| Dimethylphthalate | <20.6 | ug/kg | 196 | 20.6 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 131-11-3 | |
| Di-n-butylphthalate | <32.8 | ug/kg | 196 | 32.8 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 534-52-1 | |
| 2,4-Dinitrophenol | <144 | ug/kg | 784 | 144 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.4 | ug/kg | 196 | 15.4 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 121-14-2 | |
| 2,6-Dinitrotoluene | <22.6 | ug/kg | 196 | 22.6 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 606-20-2 | |
| Di-n-octylphthalate | <21.4 | ug/kg | 196 | 21.4 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-4 10-12.5 Lab ID: 4032925004 Collected: 06/03/10 13:55 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <40.1 | ug/kg | 196 | 40.1 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 117-81-7 | |
| Fluoranthene | 240 | ug/kg | 196 | 34.7 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 206-44-0 | |
| Fluorene | <9.9 | ug/kg | 196 | 9.9 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <25.2 | ug/kg | 196 | 25.2 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 87-68-3 | |
| Hexachlorobenzene | <11.5 | ug/kg | 196 | 11.5 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 118-74-1 | |
| Hexachlorocyclopentadiene | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 77-47-4 | |
| Hexachloroethane | <24.8 | ug/kg | 196 | 24.8 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <26.3 | ug/kg | 196 | 26.3 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 193-39-5 | |
| Isophorone | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 78-59-1 | |
| 2-Methylnaphthalene | <21.6 | ug/kg | 196 | 21.6 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <20.4 | ug/kg | 196 | 20.4 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | | |
| Naphthalene | <22.9 | ug/kg | 196 | 22.9 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 91-20-3 | |
| 2-Nitroaniline | <14.2 | ug/kg | 196 | 14.2 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 88-74-4 | |
| 3-Nitroaniline | <15.5 | ug/kg | 196 | 15.5 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 99-09-2 | |
| 4-Nitroaniline | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 100-01-6 | |
| Nitrobenzene | <22.5 | ug/kg | 196 | 22.5 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 98-95-3 | |
| 2-Nitrophenol | <23.4 | ug/kg | 196 | 23.4 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 88-75-5 | |
| 4-Nitrophenol | <38.7 | ug/kg | 196 | 38.7 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <23.2 | ug/kg | 196 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 621-64-7 | |
| N-Nitrosodiphenylamine | <26.9 | ug/kg | 196 | 26.9 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 86-30-6 | |
| Pentachlorophenol | <98.0 | ug/kg | 388 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 87-86-5 | L2 |
| Phenanthrene | <98.0 | ug/kg | 196 | 98.0 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 85-01-8 | |
| Phenol | <23.3 | ug/kg | 196 | 23.3 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 108-95-2 | |
| Pyrene | 197 | ug/kg | 196 | 47.7 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <61.5 | ug/kg | 196 | 61.5 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <12.9 | ug/kg | 196 | 12.9 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <21.6 | ug/kg | 196 | 21.6 | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 59 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 79 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 321-60-8 | |
| Terphenyl-d14 (S) | 64 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 1718-51-0 | |
| Phenol-d6 (S) | 51 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 13127-88-3 | |
| 2-Fluorophenol (S) | 61 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 73 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 08:47 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 34 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Sample Project No.: 4032925

Sample: B-4 10-12.5 Lab ID: 4032925004 Collected: 06/03/10 13:55 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-25-2 | L2,W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-09-2 | W |
| Naphthalene | 131 | ug/kg | 70.5 | 29.4 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 179601-23-1 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 35 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: B-4 10-12.5 **Lab ID: 4032925004** Collected: 06/03/10 13:55 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 88 | %- | 67-143 | | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 1868-53-7 | |
| Toluene-d8 (S) | 99 | %- | 67-132 | | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 86 | %- | 55-141 | | 1 | 06/11/10 08:52 | 06/11/10 16:53 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 14.9 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:34 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.19 | mg/kg | 0.35 | 0.19 | 1 | 06/15/10 10:24 | 06/15/10 18:38 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-1 2.5-5 **Lab ID: 4032925005** Collected: 06/03/10 10:15 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 4.0 | mg/kg | 2.4 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:25 | 7440-38-2 | |
| Barium | 67.4 | mg/kg | 0.59 | 0.053 | 1 | 06/08/10 15:45 | 06/10/10 11:25 | 7440-39-3 | |
| Cadmium | 0.27J | mg/kg | 0.59 | 0.031 | 1 | 06/08/10 15:45 | 06/10/10 11:25 | 7440-43-9 | |
| Chromium | 23.1 | mg/kg | 0.59 | 0.038 | 1 | 06/08/10 15:45 | 06/10/10 11:25 | 7440-47-3 | |
| Lead | 10.5 | mg/kg | 1.2 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:25 | 7439-92-1 | |
| Selenium | 0.36J | mg/kg | 2.4 | 0.19 | 1 | 06/08/10 15:45 | 06/10/10 11:25 | 7782-49-2 | |
| Silver | 0.22J | mg/kg | 1.2 | 0.053 | 1 | 06/08/10 15:45 | 06/10/10 11:25 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.014 | mg/kg | 0.012 | 0.0021 | 1 | 06/15/10 09:43 | 06/15/10 15:31 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 83-32-9 | |
| Acenaphthylene | <21.6 | ug/kg | 202 | 21.6 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 208-96-8 | |
| Anthracene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 120-12-7 | |
| Benzo(a)anthracene | <22.7 | ug/kg | 202 | 22.7 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 56-55-3 | |
| Benzo(a)pyrene | <24.4 | ug/kg | 202 | 24.4 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 50-32-8 | |
| Benzo(b)fluoranthene | <23.8 | ug/kg | 202 | 23.8 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 205-99-2 | |
| Benzo(g,h,i)perylene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 191-24-2 | |
| Benzo(k)fluoranthene | <31.7 | ug/kg | 202 | 31.7 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 207-08-9 | |
| Benzyl alcohol | <25.1 | ug/kg | 402 | 25.1 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <21.3 | ug/kg | 202 | 21.3 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 101-55-3 | |
| Butylbenzylphthalate | <45.3 | ug/kg | 202 | 45.3 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <20.5 | ug/kg | 202 | 20.5 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 59-50-7 | L2 |
| 4-Chloroaniline | <101 | ug/kg | 402 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.3 | ug/kg | 202 | 24.3 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 111-44-4 | |
| 2-Chloronaphthalene | <20.9 | ug/kg | 202 | 20.9 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 91-58-7 | |
| 2-Chlorophenol | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 7005-72-3 | |
| Chrysene | <29.4 | ug/kg | 202 | 29.4 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 218-01-9 | |
| Dibenz(a,h)anthracene | <36.8 | ug/kg | 202 | 36.8 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 53-70-3 | |
| Dibenzofuran | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.6 | ug/kg | 202 | 14.6 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.2 | ug/kg | 202 | 17.2 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 120-83-2 | |
| Diethylphthalate | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 84-66-2 | |
| 2,4-Dimethylphenol | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 105-67-9 | |
| Dimethylphthalate | <21.1 | ug/kg | 202 | 21.1 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 131-11-3 | |
| Di-n-butylphthalate | <33.7 | ug/kg | 202 | 33.7 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 534-52-1 | |
| 2,4-Dinitrophenol | <148 | ug/kg | 805 | 148 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.8 | ug/kg | 202 | 15.8 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 121-14-2 | |
| 2,6-Dinitrotoluene | <23.2 | ug/kg | 202 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 606-20-2 | |
| Di-n-octylphthalate | <22.0 | ug/kg | 202 | 22.0 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-1 2.5-5 Lab ID: 4032925005 Collected: 06/03/10 10:15 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <41.2 | ug/kg | 202 | 41.2 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 117-81-7 | |
| Fluoranthene | <35.6 | ug/kg | 202 | 35.6 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 206-44-0 | |
| Fluorene | <10.1 | ug/kg | 202 | 10.1 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <25.9 | ug/kg | 202 | 25.9 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 87-68-3 | |
| Hexachlorobenzene | <11.8 | ug/kg | 202 | 11.8 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 118-74-1 | |
| Hexachlorocyclopentadiene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 77-47-4 | |
| Hexachloroethane | <25.5 | ug/kg | 202 | 25.5 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <27.0 | ug/kg | 202 | 27.0 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 193-39-5 | |
| Isophorone | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 78-59-1 | |
| 2-Methylnaphthalene | <22.2 | ug/kg | 202 | 22.2 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <21.0 | ug/kg | 202 | 21.0 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | | |
| Naphthalene | <23.5 | ug/kg | 202 | 23.5 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 91-20-3 | |
| 2-Nitroaniline | <14.6 | ug/kg | 202 | 14.6 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 88-74-4 | |
| 3-Nitroaniline | <15.9 | ug/kg | 202 | 15.9 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 99-09-2 | |
| 4-Nitroaniline | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 100-01-6 | |
| Nitrobenzene | <23.1 | ug/kg | 202 | 23.1 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 98-95-3 | |
| 2-Nitrophenol | <24.1 | ug/kg | 202 | 24.1 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 88-75-5 | |
| 4-Nitrophenol | <39.7 | ug/kg | 202 | 39.7 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <23.9 | ug/kg | 202 | 23.9 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 621-64-7 | |
| N-Nitrosodiphenylamine | <27.6 | ug/kg | 202 | 27.6 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 86-30-6 | |
| Pentachlorophenol | <101 | ug/kg | 398 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 87-86-5 | L2 |
| Phenanthrene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 85-01-8 | |
| Phenol | <23.9 | ug/kg | 202 | 23.9 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 108-95-2 | |
| Pyrene | <49.0 | ug/kg | 202 | 49.0 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <63.1 | ug/kg | 202 | 63.1 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.2 | ug/kg | 202 | 13.2 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.2 | ug/kg | 202 | 22.2 | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 62 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 85 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 321-60-8 | |
| Terphenyl-d14 (S) | 76 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 1718-51-0 | |
| Phenol-d6 (S) | 60 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 13127-88-3 | |
| 2-Fluorophenol (S) | 65 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 84 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:03 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 38 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032925

Sample: B-1 2.5-5 Lab ID: 4032925005 Collected: 06/03/10 10:15 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-25-2 | L2,W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-09-2 | W |
| Naphthalene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 91-20-3 | W |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 179601-23-1 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 39 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-1 2.5-5 **Lab ID: 4032925005** Collected: 06/03/10 10:15 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 91 | %- | 67-143 | | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 1868-53-7 | |
| Toluene-d8 (S) | 102 | %- | 67-132 | | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 90 | %- | 55-141 | | 1 | 06/11/10 08:52 | 06/11/10 17:16 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 17.1 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:34 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.25 | mg/kg | 0.45 | 0.25 | 1 | 06/15/10 10:24 | 06/15/10 18:38 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-3 1-3 **Lab ID: 4032925006** Collected: 06/03/10 09:00 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 4.1 | mg/kg | 2.2 | 0.10 | 1 | 06/08/10 15:45 | 06/10/10 11:29 | 7440-38-2 | |
| Barium | 65.7 | mg/kg | 0.55 | 0.049 | 1 | 06/08/10 15:45 | 06/10/10 11:29 | 7440-39-3 | |
| Cadmium | 0.27J | mg/kg | 0.55 | 0.029 | 1 | 06/08/10 15:45 | 06/10/10 11:29 | 7440-43-9 | |
| Chromium | 23.6 | mg/kg | 0.55 | 0.035 | 1 | 06/08/10 15:45 | 06/10/10 11:29 | 7440-47-3 | |
| Lead | 16.2 | mg/kg | 1.1 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:29 | 7439-92-1 | |
| Selenium | 0.60J | mg/kg | 2.2 | 0.18 | 1 | 06/08/10 15:45 | 06/10/10 11:29 | 7782-49-2 | |
| Silver | 0.089J | mg/kg | 1.1 | 0.049 | 1 | 06/08/10 15:45 | 06/10/10 11:29 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.45 | mg/kg | 0.012 | 0.0021 | 1 | 06/15/10 09:43 | 06/15/10 15:32 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 83-32-9 | |
| Acenaphthylene | 2470J | ug/kg | 19800 | 2120 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 208-96-8 | |
| Anthracene | 46900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 120-12-7 | |
| Benzo(a)anthracene | 82300 | ug/kg | 19800 | 2230 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 56-55-3 | |
| Benzo(a)pyrene | 81600 | ug/kg | 19800 | 2400 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 50-32-8 | |
| Benzo(b)fluoranthene | 62000 | ug/kg | 19800 | 2340 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 205-99-2 | |
| Benzo(g,h,i)perylene | 55900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 191-24-2 | |
| Benzo(k)fluoranthene | 86600 | ug/kg | 19800 | 3120 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 207-08-9 | |
| Benzyl alcohol | <2470 | ug/kg | 39600 | 2470 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <2100 | ug/kg | 19800 | 2100 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 101-55-3 | |
| Butylbenzylphthalate | <4460 | ug/kg | 19800 | 4460 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <2020 | ug/kg | 19800 | 2020 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 59-50-7 | L2 |
| 4-Chloroaniline | <9900 | ug/kg | 39600 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <2390 | ug/kg | 19800 | 2390 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 111-44-4 | |
| 2-Chloronaphthalene | <2060 | ug/kg | 19800 | 2060 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 91-58-7 | |
| 2-Chlorophenol | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 7005-72-3 | |
| Chrysene | 85800 | ug/kg | 19800 | 2890 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 218-01-9 | |
| Dibenz(a,h)anthracene | 14200J | ug/kg | 19800 | 3630 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 53-70-3 | |
| Dibenzofuran | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <1440 | ug/kg | 19800 | 1440 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 91-94-1 | |
| 2,4-Dichlorophenol | <1690 | ug/kg | 19800 | 1690 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 120-83-2 | |
| Diethylphthalate | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 84-66-2 | |
| 2,4-Dimethylphenol | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 105-67-9 | |
| Dimethylphthalate | <2080 | ug/kg | 19800 | 2080 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 131-11-3 | |
| Di-n-butylphthalate | <3310 | ug/kg | 19800 | 3310 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 534-52-1 | |
| 2,4-Dinitrophenol | <14500 | ug/kg | 79200 | 14500 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 51-28-5 | |
| 2,4-Dinitrotoluene | <1560 | ug/kg | 19800 | 1560 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 121-14-2 | |
| 2,6-Dinitrotoluene | <2290 | ug/kg | 19800 | 2290 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 606-20-2 | |
| Di-n-octylphthalate | <2160 | ug/kg | 19800 | 2160 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-3 1-3 Lab ID: 4032925006 Collected: 06/03/10 09:00 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|-----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <4050 | ug/kg | 19800 | 4050 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 117-81-7 | |
| Fluoranthene | 157000 | ug/kg | 19800 | 3500 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 206-44-0 | |
| Fluorene | 14500J | ug/kg | 19800 | 996 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <2550 | ug/kg | 19800 | 2550 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 87-68-3 | |
| Hexachlorobenzene | <1160 | ug/kg | 19800 | 1160 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 118-74-1 | |
| Hexachlorocyclopentadiene | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 77-47-4 | |
| Hexachloroethane | <2510 | ug/kg | 19800 | 2510 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 55000 | ug/kg | 19800 | 2660 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 193-39-5 | |
| Isophorone | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 78-59-1 | |
| 2-Methylnaphthalene | 3310J | ug/kg | 19800 | 2180 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <2060 | ug/kg | 19800 | 2060 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | | |
| Naphthalene | 10900J | ug/kg | 19800 | 2320 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 91-20-3 | |
| 2-Nitroaniline | <1430 | ug/kg | 19800 | 1430 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 88-74-4 | |
| 3-Nitroaniline | <1570 | ug/kg | 19800 | 1570 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 99-09-2 | |
| 4-Nitroaniline | <9900 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 100-01-6 | |
| Nitrobenzene | <2270 | ug/kg | 19800 | 2270 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 98-95-3 | |
| 2-Nitrophenol | <2370 | ug/kg | 19800 | 2370 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 88-75-5 | |
| 4-Nitrophenol | <3910 | ug/kg | 19800 | 3910 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <2350 | ug/kg | 19800 | 2350 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2720 | ug/kg | 19800 | 2720 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 86-30-6 | |
| Pentachlorophenol | <9900 | ug/kg | 39200 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 87-86-5 | L2 |
| Phenanthrene | 78800 | ug/kg | 19800 | 9900 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 85-01-8 | |
| Phenol | <2350 | ug/kg | 19800 | 2350 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 108-95-2 | |
| Pyrene | 140000 | ug/kg | 19800 | 4820 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <6210 | ug/kg | 19800 | 6210 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <1300 | ug/kg | 19800 | 1300 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <2190 | ug/kg | 19800 | 2190 | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 100 | 06/10/10 09:48 | 06/11/10 15:51 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 42 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-3 1-3 Lab ID: 4032925006 Collected: 06/03/10 09:00 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 126 | ug/kg | 71.3 | 29.7 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 126 | ug/kg | 71.3 | 29.7 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 108-67-8 | |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 106-43-4 | W |
| Benzene | 80.2 | ug/kg | 71.3 | 29.7 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 71-43-2 | |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-25-2 | L2,W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-09-2 | W |
| Naphthalene | 2210 | ug/kg | 71.3 | 29.7 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 127-18-4 | W |
| Toluene | 61.0J | ug/kg | 71.3 | 29.7 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 108-88-3 | |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 179601-23-1 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 43 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: B-3 1-3 **Lab ID: 4032925006** Collected: 06/03/10 09:00 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 104 | %- | 67-143 | | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 1868-53-7 | |
| Toluene-d8 (S) | 116 | %- | 67-132 | | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 102 | %- | 55-141 | | 1 | 06/11/10 08:52 | 06/11/10 18:48 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 15.8 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:34 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | 0.54J | mg/kg | 0.62 | 0.34 | 1 | 06/15/10 10:24 | 06/15/10 18:39 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-3 5-7.5 Lab ID: 4032925007 Collected: 06/03/10 09:05 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 3.0 | mg/kg | 2.3 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:33 | 7440-38-2 | |
| Barium | 66.1 | mg/kg | 0.58 | 0.052 | 1 | 06/08/10 15:45 | 06/10/10 11:33 | 7440-39-3 | |
| Cadmium | 0.19J | mg/kg | 0.58 | 0.030 | 1 | 06/08/10 15:45 | 06/10/10 11:33 | 7440-43-9 | |
| Chromium | 23.8 | mg/kg | 0.58 | 0.037 | 1 | 06/08/10 15:45 | 06/10/10 11:33 | 7440-47-3 | |
| Lead | 5.8 | mg/kg | 1.2 | 0.11 | 1 | 06/08/10 15:45 | 06/10/10 11:33 | 7439-92-1 | |
| Selenium | 0.46J | mg/kg | 2.3 | 0.19 | 1 | 06/08/10 15:45 | 06/10/10 11:33 | 7782-49-2 | |
| Silver | 0.13J | mg/kg | 1.2 | 0.052 | 1 | 06/08/10 15:45 | 06/10/10 11:33 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.014 | mg/kg | 0.012 | 0.0021 | 1 | 06/15/10 09:43 | 06/15/10 15:33 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 83-32-9 | |
| Acenaphthylene | <21.3 | ug/kg | 199 | 21.3 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 208-96-8 | |
| Anthracene | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 120-12-7 | |
| Benzo(a)anthracene | 51.5J | ug/kg | 199 | 22.4 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 56-55-3 | |
| Benzo(a)pyrene | 56.9J | ug/kg | 199 | 24.1 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 50-32-8 | |
| Benzo(b)fluoranthene | 52.3J | ug/kg | 199 | 23.4 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 205-99-2 | |
| Benzo(g,h,i)perylene | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 191-24-2 | |
| Benzo(k)fluoranthene | 69.2J | ug/kg | 199 | 31.3 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 207-08-9 | |
| Benzyl alcohol | <24.8 | ug/kg | 397 | 24.8 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <21.0 | ug/kg | 199 | 21.0 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 101-55-3 | |
| Butylbenzylphthalate | <44.7 | ug/kg | 199 | 44.7 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <20.3 | ug/kg | 199 | 20.3 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 59-50-7 | L2 |
| 4-Chloroaniline | <99.2 | ug/kg | 397 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.0 | ug/kg | 199 | 24.0 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 111-44-4 | |
| 2-Chloronaphthalene | <20.7 | ug/kg | 199 | 20.7 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 91-58-7 | |
| 2-Chlorophenol | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 7005-72-3 | |
| Chrysene | 49.5J | ug/kg | 199 | 29.0 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 218-01-9 | |
| Dibenz(a,h)anthracene | <36.4 | ug/kg | 199 | 36.4 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 53-70-3 | |
| Dibenzofuran | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.4 | ug/kg | 199 | 14.4 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.0 | ug/kg | 199 | 17.0 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 120-83-2 | |
| Diethylphthalate | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 84-66-2 | |
| 2,4-Dimethylphenol | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 105-67-9 | |
| Dimethylphthalate | <20.8 | ug/kg | 199 | 20.8 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 131-11-3 | |
| Di-n-butylphthalate | <33.2 | ug/kg | 199 | 33.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 534-52-1 | |
| 2,4-Dinitrophenol | <146 | ug/kg | 794 | 146 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.6 | ug/kg | 199 | 15.6 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 121-14-2 | |
| 2,6-Dinitrotoluene | <22.9 | ug/kg | 199 | 22.9 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 606-20-2 | |
| Di-n-octylphthalate | <21.7 | ug/kg | 199 | 21.7 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-3 5-7.5 Lab ID: 4032925007 Collected: 06/03/10 09:05 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <40.6 | ug/kg | 199 | 40.6 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 117-81-7 | |
| Fluoranthene | 85.5J | ug/kg | 199 | 35.1 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 206-44-0 | |
| Fluorene | <10 | ug/kg | 199 | 10 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <25.5 | ug/kg | 199 | 25.5 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 87-68-3 | |
| Hexachlorobenzene | <11.7 | ug/kg | 199 | 11.7 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 118-74-1 | |
| Hexachlorocyclopentadiene | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 77-47-4 | |
| Hexachloroethane | <25.1 | ug/kg | 199 | 25.1 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <26.6 | ug/kg | 199 | 26.6 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 193-39-5 | |
| Isophorone | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 78-59-1 | |
| 2-Methylnaphthalene | <21.9 | ug/kg | 199 | 21.9 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <20.7 | ug/kg | 199 | 20.7 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | | |
| Naphthalene | <23.2 | ug/kg | 199 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 91-20-3 | |
| 2-Nitroaniline | <14.4 | ug/kg | 199 | 14.4 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 88-74-4 | |
| 3-Nitroaniline | <15.7 | ug/kg | 199 | 15.7 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 99-09-2 | |
| 4-Nitroaniline | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 100-01-6 | |
| Nitrobenzene | <22.8 | ug/kg | 199 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 98-95-3 | |
| 2-Nitrophenol | <23.7 | ug/kg | 199 | 23.7 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 88-75-5 | |
| 4-Nitrophenol | <39.2 | ug/kg | 199 | 39.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <23.5 | ug/kg | 199 | 23.5 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 621-64-7 | |
| N-Nitrosodiphenylamine | <27.3 | ug/kg | 199 | 27.3 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 86-30-6 | |
| Pentachlorophenol | <99.2 | ug/kg | 393 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 87-86-5 | L2 |
| Phenanthrene | <99.2 | ug/kg | 199 | 99.2 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 85-01-8 | |
| Phenol | <23.6 | ug/kg | 199 | 23.6 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 108-95-2 | |
| Pyrene | 72.0J | ug/kg | 199 | 48.3 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <62.3 | ug/kg | 199 | 62.3 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.1 | ug/kg | 199 | 13.1 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <21.9 | ug/kg | 199 | 21.9 | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 60 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 83 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 321-60-8 | |
| Terphenyl-d14 (S) | 70 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 1718-51-0 | |
| Phenol-d6 (S) | 54 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 13127-88-3 | |
| 2-Fluorophenol (S) | 63 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 85 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 12:35 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 46 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
 Lab Project No.: 4032925

Sample: B-3 5-7.5 Lab ID: 4032925007 Collected: 06/03/10 09:05 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-25-2 | L2,W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-09-2 | W |
| Naphthalene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 91-20-3 | W |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: B-3 5-7.5 **Lab ID: 4032925007** Collected: 06/03/10 09:05 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 88 | %- | 67-143 | | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 1868-53-7 | |
| Toluene-d8 (S) | 100 | %- | 67-132 | | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 88 | %- | 55-141 | | 1 | 06/11/10 08:52 | 06/11/10 17:39 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 16.0 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:34 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.23 | mg/kg | 0.42 | 0.23 | 1 | 06/15/10 10:24 | 06/15/10 18:39 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-2 2.5-5 Lab ID: 4032925008 Collected: 06/03/10 09:35 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 6.3 | mg/kg | 2.3 | 0.11 | 1 | 06/09/10 12:05 | 06/10/10 18:14 | 7440-38-2 | |
| Barium | 63.3 | mg/kg | 0.58 | 0.052 | 1 | 06/09/10 12:05 | 06/10/10 18:14 | 7440-39-3 | |
| Cadmium | 0.41J | mg/kg | 0.58 | 0.030 | 1 | 06/09/10 12:05 | 06/10/10 18:14 | 7440-43-9 | |
| Chromium | 22.1 | mg/kg | 0.58 | 0.037 | 1 | 06/09/10 12:05 | 06/10/10 18:14 | 7440-47-3 | |
| Lead | 22.3 | mg/kg | 1.2 | 0.11 | 1 | 06/09/10 12:05 | 06/10/10 18:14 | 7439-92-1 | |
| Selenium | 0.40J | mg/kg | 2.3 | 0.19 | 1 | 06/09/10 12:05 | 06/10/10 18:14 | 7782-49-2 | |
| Silver | 0.70J | mg/kg | 1.2 | 0.052 | 1 | 06/09/10 12:05 | 06/10/10 18:14 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.025 | mg/kg | 0.012 | 0.0021 | 1 | 06/15/10 09:43 | 06/15/10 15:35 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 83-32-9 | |
| Acenaphthylene | <21.8 | ug/kg | 203 | 21.8 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 208-96-8 | |
| Anthracene | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 120-12-7 | |
| Benzo(a)anthracene | 36.5J | ug/kg | 203 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 56-55-3 | |
| Benzo(a)pyrene | <24.6 | ug/kg | 203 | 24.6 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 50-32-8 | |
| Benzo(b)fluoranthene | 24.2J | ug/kg | 203 | 24.0 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 205-99-2 | |
| Benzo(g,h,i)perylene | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 191-24-2 | |
| Benzo(k)fluoranthene | <32.0 | ug/kg | 203 | 32.0 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 207-08-9 | |
| Benzyl alcohol | <25.3 | ug/kg | 405 | 25.3 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <21.5 | ug/kg | 203 | 21.5 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 101-55-3 | |
| Butylbenzylphthalate | <45.7 | ug/kg | 203 | 45.7 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <20.7 | ug/kg | 203 | 20.7 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 59-50-7 | L2 |
| 4-Chloroaniline | <101 | ug/kg | 405 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.5 | ug/kg | 203 | 24.5 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 111-44-4 | |
| 2-Chloronaphthalene | <21.1 | ug/kg | 203 | 21.1 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 91-58-7 | |
| 2-Chlorophenol | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 7005-72-3 | |
| Chrysene | 35.7J | ug/kg | 203 | 29.6 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 218-01-9 | |
| Dibenz(a,h)anthracene | <37.2 | ug/kg | 203 | 37.2 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 53-70-3 | |
| Dibenzofuran | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.7 | ug/kg | 203 | 14.7 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.3 | ug/kg | 203 | 17.3 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 120-83-2 | |
| Diethylphthalate | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 84-66-2 | |
| 2,4-Dimethylphenol | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 105-67-9 | |
| Dimethylphthalate | <21.3 | ug/kg | 203 | 21.3 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 131-11-3 | |
| Di-n-butylphthalate | <34.0 | ug/kg | 203 | 34.0 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 534-52-1 | |
| 2,4-Dinitrophenol | <149 | ug/kg | 812 | 149 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.9 | ug/kg | 203 | 15.9 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 121-14-2 | |
| 2,6-Dinitrotoluene | <23.4 | ug/kg | 203 | 23.4 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 606-20-2 | |
| Di-n-octylphthalate | <22.2 | ug/kg | 203 | 22.2 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-2 2.5-5 Lab ID: 4032925008 Collected: 06/03/10 09:35 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <41.5 | ug/kg | 203 | 41.5 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 117-81-7 | |
| Fluoranthene | 55.5J | ug/kg | 203 | 35.9 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 206-44-0 | |
| Fluorene | <10.2 | ug/kg | 203 | 10.2 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <26.1 | ug/kg | 203 | 26.1 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 87-68-3 | |
| Hexachlorobenzene | <11.9 | ug/kg | 203 | 11.9 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 118-74-1 | |
| Hexachlorocyclopentadiene | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 77-47-4 | |
| Hexachloroethane | <25.7 | ug/kg | 203 | 25.7 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <27.2 | ug/kg | 203 | 27.2 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 193-39-5 | |
| Isophorone | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 78-59-1 | |
| 2-Methylnaphthalene | 55.1J | ug/kg | 203 | 22.4 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <21.2 | ug/kg | 203 | 21.2 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | | |
| Naphthalene | 32.8J | ug/kg | 203 | 23.7 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 91-20-3 | |
| 2-Nitroaniline | <14.7 | ug/kg | 203 | 14.7 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 88-74-4 | |
| 3-Nitroaniline | <16.1 | ug/kg | 203 | 16.1 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 99-09-2 | |
| 4-Nitroaniline | <101 | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 100-01-6 | |
| Nitrobenzene | <23.3 | ug/kg | 203 | 23.3 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 98-95-3 | |
| 2-Nitrophenol | <24.3 | ug/kg | 203 | 24.3 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 88-75-5 | |
| 4-Nitrophenol | <40.0 | ug/kg | 203 | 40.0 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <24.1 | ug/kg | 203 | 24.1 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 621-64-7 | |
| N-Nitrosodiphenylamine | <27.9 | ug/kg | 203 | 27.9 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 86-30-6 | |
| Pentachlorophenol | <101 | ug/kg | 402 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 87-86-5 | L2 |
| Phenanthrene | 113J | ug/kg | 203 | 101 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 85-01-8 | |
| Phenol | <24.1 | ug/kg | 203 | 24.1 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 108-95-2 | |
| Pyrene | 75.7J | ug/kg | 203 | 49.4 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <63.6 | ug/kg | 203 | 63.6 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.4 | ug/kg | 203 | 13.4 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.4 | ug/kg | 203 | 22.4 | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 32 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 4165-60-0 | S0 |
| 2-Fluorobiphenyl (S) | 56 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 321-60-8 | |
| Terphenyl-d14 (S) | 58 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 1718-51-0 | |
| Phenol-d6 (S) | 42 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 13127-88-3 | |
| 2-Fluorophenol (S) | 46 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 65 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:08 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 50 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032925

Sample: B-2 2.5-5 Lab ID: 4032925008 Collected: 06/03/10 09:35 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-25-2 | L2,W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-09-2 | W |
| Naphthalene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 91-20-3 | W |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 179601-23-1 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 51 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: B-2 2.5-5 **Lab ID: 4032925008** Collected: 06/03/10 09:35 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 87 | %- | 67-143 | | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | %- | 67-132 | | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 84 | %- | 55-141 | | 1 | 06/11/10 08:52 | 06/11/10 18:02 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 17.8 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:34 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.24 | mg/kg | 0.43 | 0.24 | 1 | 06/15/10 10:24 | 06/15/10 18:42 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-2 7.5-10 Lab ID: 4032925009 Collected: 06/03/10 09:40 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 2.2J | mg/kg | 2.3 | 0.11 | 1 | 06/09/10 12:05 | 06/10/10 18:18 | 7440-38-2 | |
| Barium | 54.8 | mg/kg | 0.58 | 0.052 | 1 | 06/09/10 12:05 | 06/10/10 18:18 | 7440-39-3 | |
| Cadmium | 0.19J | mg/kg | 0.58 | 0.030 | 1 | 06/09/10 12:05 | 06/10/10 18:18 | 7440-43-9 | |
| Chromium | 19.4 | mg/kg | 0.58 | 0.037 | 1 | 06/09/10 12:05 | 06/10/10 18:18 | 7440-47-3 | |
| Lead | 9.2 | mg/kg | 1.2 | 0.11 | 1 | 06/09/10 12:05 | 06/10/10 18:18 | 7439-92-1 | |
| Selenium | <0.19 | mg/kg | 2.3 | 0.19 | 1 | 06/09/10 12:05 | 06/10/10 18:18 | 7782-49-2 | |
| Silver | 0.31J | mg/kg | 1.2 | 0.052 | 1 | 06/09/10 12:05 | 06/10/10 18:18 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.026 | mg/kg | 0.012 | 0.0022 | 1 | 06/15/10 09:43 | 06/15/10 15:36 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 83-32-9 | |
| Acenaphthylene | <22.2 | ug/kg | 208 | 22.2 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 208-96-8 | |
| Anthracene | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 120-12-7 | |
| Benzo(a)anthracene | <23.3 | ug/kg | 208 | 23.3 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 56-55-3 | |
| Benzo(a)pyrene | <25.1 | ug/kg | 208 | 25.1 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 50-32-8 | |
| Benzo(b)fluoranthene | <24.5 | ug/kg | 208 | 24.5 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 205-99-2 | |
| Benzo(g,h,i)perylene | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 191-24-2 | |
| Benzo(k)fluoranthene | <32.7 | ug/kg | 208 | 32.7 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 207-08-9 | |
| Benzyl alcohol | <25.8 | ug/kg | 414 | 25.8 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <22.0 | ug/kg | 208 | 22.0 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 101-55-3 | |
| Butylbenzylphthalate | <46.6 | ug/kg | 208 | 46.6 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <21.2 | ug/kg | 208 | 21.2 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 59-50-7 | L2 |
| 4-Chloroaniline | <104 | ug/kg | 414 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <25.0 | ug/kg | 208 | 25.0 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 111-44-4 | |
| 2-Chloronaphthalene | <21.6 | ug/kg | 208 | 21.6 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 91-58-7 | |
| 2-Chlorophenol | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 7005-72-3 | |
| Chrysene | <30.2 | ug/kg | 208 | 30.2 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 218-01-9 | |
| Dibenz(a,h)anthracene | <37.9 | ug/kg | 208 | 37.9 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 53-70-3 | |
| Dibenzofuran | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <15.0 | ug/kg | 208 | 15.0 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.7 | ug/kg | 208 | 17.7 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 120-83-2 | |
| Diethylphthalate | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 84-66-2 | |
| 2,4-Dimethylphenol | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 105-67-9 | |
| Dimethylphthalate | <21.7 | ug/kg | 208 | 21.7 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 131-11-3 | |
| Di-n-butylphthalate | <34.7 | ug/kg | 208 | 34.7 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 534-52-1 | |
| 2,4-Dinitrophenol | <152 | ug/kg | 829 | 152 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 51-28-5 | |
| 2,4-Dinitrotoluene | <16.3 | ug/kg | 208 | 16.3 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 121-14-2 | |
| 2,6-Dinitrotoluene | <23.9 | ug/kg | 208 | 23.9 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 606-20-2 | |
| Di-n-octylphthalate | <22.6 | ug/kg | 208 | 22.6 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: B-2 7.5-10 Lab ID: 4032925009 Collected: 06/03/10 09:40 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <42.4 | ug/kg | 208 | 42.4 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 117-81-7 | |
| Fluoranthene | <36.7 | ug/kg | 208 | 36.7 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 206-44-0 | |
| Fluorene | <10.4 | ug/kg | 208 | 10.4 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <26.7 | ug/kg | 208 | 26.7 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 87-68-3 | |
| Hexachlorobenzene | <12.2 | ug/kg | 208 | 12.2 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 118-74-1 | |
| Hexachlorocyclopentadiene | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 77-47-4 | |
| Hexachloroethane | <26.2 | ug/kg | 208 | 26.2 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <27.8 | ug/kg | 208 | 27.8 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 193-39-5 | |
| Isophorone | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 78-59-1 | |
| 2-Methylnaphthalene | <22.8 | ug/kg | 208 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <21.6 | ug/kg | 208 | 21.6 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | | |
| Naphthalene | <24.2 | ug/kg | 208 | 24.2 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 91-20-3 | |
| 2-Nitroaniline | <15.0 | ug/kg | 208 | 15.0 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 88-74-4 | |
| 3-Nitroaniline | <16.4 | ug/kg | 208 | 16.4 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 99-09-2 | |
| 4-Nitroaniline | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 100-01-6 | |
| Nitrobenzene | <23.8 | ug/kg | 208 | 23.8 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 98-95-3 | |
| 2-Nitrophenol | <24.8 | ug/kg | 208 | 24.8 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 88-75-5 | |
| 4-Nitrophenol | <40.9 | ug/kg | 208 | 40.9 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <24.6 | ug/kg | 208 | 24.6 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 621-64-7 | |
| N-Nitrosodiphenylamine | <28.4 | ug/kg | 208 | 28.4 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 86-30-6 | |
| Pentachlorophenol | <104 | ug/kg | 410 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 87-86-5 | L2 |
| Phenanthrene | <104 | ug/kg | 208 | 104 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 85-01-8 | |
| Phenol | <24.6 | ug/kg | 208 | 24.6 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 108-95-2 | |
| Pyrene | <50.4 | ug/kg | 208 | 50.4 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <65.0 | ug/kg | 208 | 65.0 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.6 | ug/kg | 208 | 13.6 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.9 | ug/kg | 208 | 22.9 | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 55 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 78 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 321-60-8 | |
| Terphenyl-d14 (S) | 51 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 1718-51-0 | |
| Phenol-d6 (S) | 54 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 13127-88-3 | |
| 2-Fluorophenol (S) | 63 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 75 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 13:40 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 87-61-6 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 54 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032925

Sample: B-2 7.5-10 Lab ID: 4032925009 Collected: 06/03/10 09:40 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-25-2 | L2,W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-09-2 | W |
| Naphthalene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 91-20-3 | W |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 179601-23-1 | W |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 55 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: B-2 7.5-10 **Lab ID: 4032925009** Collected: 06/03/10 09:40 Received: 06/08/10 09:35 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 90 | %- | 67-143 | | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | %- | 67-132 | | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 89 | %- | 55-141 | | 1 | 06/11/10 08:52 | 06/11/10 18:25 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 19.5 | % | 0.10 | 0.10 | 1 | | 06/14/10 08:34 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.28 | mg/kg | 0.51 | 0.28 | 1 | 06/15/10 10:24 | 06/15/10 18:42 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-5 **Lab ID: 4032925010** Collected: 06/03/10 12:50 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|------|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | | | |
| Arsenic, Dissolved | 4.6J | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 16:40 | 7440-38-2 | B |
| Barium, Dissolved | 293 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 16:40 | 7440-39-3 | |
| Cadmium, Dissolved | 1.5J | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 16:40 | 7440-43-9 | |
| Chromium, Dissolved | 0.73J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 16:40 | 7440-47-3 | B |
| Lead, Dissolved | <1.4 | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 16:40 | 7439-92-1 | |
| Selenium, Dissolved | 2.4J | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 16:40 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 16:40 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:08 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <41.9 | ug/L | 220 | 41.9 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 83-32-9 | |
| Acenaphthylene | <43.8 | ug/L | 220 | 43.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 208-96-8 | |
| Anthracene | <27.5 | ug/L | 220 | 27.5 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 120-12-7 | |
| Benzo(a)anthracene | <26.9 | ug/L | 220 | 26.9 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 56-55-3 | |
| Benzo(a)pyrene | <42.5 | ug/L | 220 | 42.5 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 50-32-8 | |
| Benzo(b)fluoranthene | <63.4 | ug/L | 220 | 63.4 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 205-99-2 | |
| Benzo(g,h,i)perylene | <33.9 | ug/L | 220 | 33.9 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 191-24-2 | |
| Benzo(k)fluoranthene | <45.0 | ug/L | 220 | 45.0 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <57.2 | ug/L | 220 | 57.2 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 101-55-3 | |
| Butylbenzylphthalate | <47.8 | ug/L | 220 | 47.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 85-68-7 | |
| Carbazole | <30.5 | ug/L | 220 | 30.5 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <44.3 | ug/L | 220 | 44.3 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 59-50-7 | |
| 4-Chloroaniline | <35.6 | ug/L | 220 | 35.6 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <52.5 | ug/L | 220 | 52.5 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <28.9 | ug/L | 220 | 28.9 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 111-44-4 | |
| 2-Chloronaphthalene | <37.1 | ug/L | 220 | 37.1 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 91-58-7 | |
| 2-Chlorophenol | <30.8 | ug/L | 220 | 30.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <52.3 | ug/L | 220 | 52.3 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 7005-72-3 | |
| Chrysene | <34.3 | ug/L | 220 | 34.3 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 218-01-9 | |
| Dibenz(a,h)anthracene | <60.7 | ug/L | 220 | 60.7 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 53-70-3 | |
| Dibenzofuran | <46.5 | ug/L | 220 | 46.5 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 132-64-9 | |
| 1,2-Dichlorobenzene | <31.1 | ug/L | 220 | 31.1 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 95-50-1 | |
| 1,3-Dichlorobenzene | <36.3 | ug/L | 220 | 36.3 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 541-73-1 | |
| 1,4-Dichlorobenzene | <37.8 | ug/L | 220 | 37.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <48.8 | ug/L | 220 | 48.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 91-94-1 | |
| 2,4-Dichlorophenol | <50.4 | ug/L | 220 | 50.4 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 120-83-2 | |
| Diethylphthalate | <59.2 | ug/L | 220 | 59.2 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 84-66-2 | |
| 2,4-Dimethylphenol | 69.2J | ug/L | 220 | 49.6 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 105-67-9 | |
| Dimethylphthalate | <45.9 | ug/L | 220 | 45.9 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 131-11-3 | |
| Di-n-butylphthalate | <39.4 | ug/L | 220 | 39.4 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <32.8 | ug/L | 220 | 32.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 534-52-1 | |
| 2,4-Dinitrophenol | <90.3 | ug/L | 440 | 90.3 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 51-28-5 | |
| 2,4-Dinitrotoluene | <35.4 | ug/L | 220 | 35.4 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 121-14-2 | |
| 2,6-Dinitrotoluene | <47.2 | ug/L | 220 | 47.2 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 606-20-2 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 57 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-5 **Lab ID: 4032925010** Collected: 06/03/10 12:50 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <67.1 | ug/L | 220 | 67.1 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <114 | ug/L | 220 | 114 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 117-81-7 | |
| Fluoranthene | <40.1 | ug/L | 220 | 40.1 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 206-44-0 | |
| Fluorene | <50.2 | ug/L | 220 | 50.2 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <29.0 | ug/L | 440 | 29.0 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 87-68-3 | |
| Hexachlorobenzene | <48.8 | ug/L | 220 | 48.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 118-74-1 | |
| Hexachlorocyclopentadiene | <48.1 | ug/L | 220 | 48.1 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 77-47-4 | |
| Hexachloroethane | <25.6 | ug/L | 220 | 25.6 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <29.4 | ug/L | 220 | 29.4 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 193-39-5 | |
| Isophorone | <60.1 | ug/L | 220 | 60.1 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 78-59-1 | |
| 2-Methylnaphthalene | 71.3J | ug/L | 220 | 59.4 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | 70.1J | ug/L | 220 | 42.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 147J | ug/L | 220 | 33.7 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | | |
| Naphthalene | 943 | ug/L | 220 | 30.9 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 91-20-3 | |
| 2-Nitroaniline | <36.7 | ug/L | 220 | 36.7 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 88-74-4 | |
| 3-Nitroaniline | <42.5 | ug/L | 220 | 42.5 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 99-09-2 | |
| 4-Nitroaniline | <48.3 | ug/L | 220 | 48.3 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 100-01-6 | |
| Nitrobenzene | <60.0 | ug/L | 220 | 60.0 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 98-95-3 | |
| 2-Nitrophenol | <59.9 | ug/L | 220 | 59.9 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 88-75-5 | |
| 4-Nitrophenol | <38.4 | ug/L | 440 | 38.4 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <46.8 | ug/L | 220 | 46.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 621-64-7 | |
| N-Nitrosodiphenylamine | <108 | ug/L | 440 | 108 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <36.2 | ug/L | 220 | 36.2 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 108-60-1 | |
| Pentachlorophenol | <47.3 | ug/L | 440 | 47.3 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 87-86-5 | |
| Phenanthrene | <27.8 | ug/L | 220 | 27.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 85-01-8 | |
| Phenol | 48.9J | ug/L | 220 | 45.5 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 108-95-2 | |
| Pyrene | <70.6 | ug/L | 220 | 70.6 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <38.2 | ug/L | 220 | 38.2 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <43.8 | ug/L | 220 | 43.8 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <47.0 | ug/L | 220 | 47.0 | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 66-130 | | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 66-130 | | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 52-130 | | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 20-130 | | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 32-130 | | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 42-130 | | 40 | 06/10/10 07:00 | 06/14/10 13:20 | 118-79-6 | S4 |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|------|------|------|-----|----|--|----------------|----------|--|
| Benzene | 49.2 | ug/L | 10.0 | 4.1 | 10 | | 06/10/10 22:02 | 71-43-2 | |
| Bromobenzene | <8.2 | ug/L | 10.0 | 8.2 | 10 | | 06/10/10 22:02 | 108-86-1 | |
| Bromochloromethane | <9.7 | ug/L | 10.0 | 9.7 | 10 | | 06/10/10 22:02 | 74-97-5 | |
| Bromodichloromethane | <5.6 | ug/L | 10.0 | 5.6 | 10 | | 06/10/10 22:02 | 75-27-4 | |
| Bromoform | <9.4 | ug/L | 10.0 | 9.4 | 10 | | 06/10/10 22:02 | 75-25-2 | |
| Bromomethane | <9.1 | ug/L | 10.0 | 9.1 | 10 | | 06/10/10 22:02 | 74-83-9 | |
| n-Butylbenzene | <9.3 | ug/L | 10.0 | 9.3 | 10 | | 06/10/10 22:02 | 104-51-8 | |
| sec-Butylbenzene | <8.9 | ug/L | 50.0 | 8.9 | 10 | | 06/10/10 22:02 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 58 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-5 Lab ID: 4032925010 Collected: 06/03/10 12:50 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <9.7 | ug/L | 10.0 | 9.7 | 10 | | 06/10/10 22:02 | 98-06-6 | |
| Carbon tetrachloride | <4.9 | ug/L | 10.0 | 4.9 | 10 | | 06/10/10 22:02 | 56-23-5 | |
| Chlorobenzene | <4.1 | ug/L | 10.0 | 4.1 | 10 | | 06/10/10 22:02 | 108-90-7 | |
| Chloroethane | <9.7 | ug/L | 10.0 | 9.7 | 10 | | 06/10/10 22:02 | 75-00-3 | |
| Chloroform | <13.0 | ug/L | 50.0 | 13.0 | 10 | | 06/10/10 22:02 | 67-66-3 | |
| Chloromethane | <2.4 | ug/L | 10.0 | 2.4 | 10 | | 06/10/10 22:02 | 74-87-3 | |
| 2-Chlorotoluene | <8.5 | ug/L | 10.0 | 8.5 | 10 | | 06/10/10 22:02 | 95-49-8 | |
| 4-Chlorotoluene | <7.4 | ug/L | 10.0 | 7.4 | 10 | | 06/10/10 22:02 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <16.8 | ug/L | 50.0 | 16.8 | 10 | | 06/10/10 22:02 | 96-12-8 | |
| Dibromochloromethane | <8.1 | ug/L | 10.0 | 8.1 | 10 | | 06/10/10 22:02 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <5.6 | ug/L | 10.0 | 5.6 | 10 | | 06/10/10 22:02 | 106-93-4 | |
| Dibromomethane | <6.0 | ug/L | 10.0 | 6.0 | 10 | | 06/10/10 22:02 | 74-95-3 | |
| 1,2-Dichlorobenzene | <8.3 | ug/L | 10.0 | 8.3 | 10 | | 06/10/10 22:02 | 95-50-1 | |
| 1,3-Dichlorobenzene | <8.7 | ug/L | 10.0 | 8.7 | 10 | | 06/10/10 22:02 | 541-73-1 | |
| 1,4-Dichlorobenzene | <9.5 | ug/L | 10.0 | 9.5 | 10 | | 06/10/10 22:02 | 106-46-7 | |
| Dichlorodifluoromethane | <9.9 | ug/L | 10.0 | 9.9 | 10 | | 06/10/10 22:02 | 75-71-8 | |
| 1,1-Dichloroethane | <7.5 | ug/L | 10.0 | 7.5 | 10 | | 06/10/10 22:02 | 75-34-3 | |
| 1,2-Dichloroethane | <3.6 | ug/L | 10.0 | 3.6 | 10 | | 06/10/10 22:02 | 107-06-2 | |
| 1,1-Dichloroethene | <5.7 | ug/L | 10.0 | 5.7 | 10 | | 06/10/10 22:02 | 75-35-4 | |
| cis-1,2-Dichloroethene | <8.3 | ug/L | 10.0 | 8.3 | 10 | | 06/10/10 22:02 | 156-59-2 | |
| trans-1,2-Dichloroethene | <8.9 | ug/L | 10.0 | 8.9 | 10 | | 06/10/10 22:02 | 156-60-5 | |
| 1,2-Dichloropropane | <4.9 | ug/L | 10.0 | 4.9 | 10 | | 06/10/10 22:02 | 78-87-5 | |
| 1,3-Dichloropropane | <6.1 | ug/L | 10.0 | 6.1 | 10 | | 06/10/10 22:02 | 142-28-9 | |
| 2,2-Dichloropropane | <6.2 | ug/L | 10.0 | 6.2 | 10 | | 06/10/10 22:02 | 594-20-7 | |
| 1,1-Dichloropropene | <7.5 | ug/L | 10.0 | 7.5 | 10 | | 06/10/10 22:02 | 563-58-6 | |
| cis-1,3-Dichloropropene | <2.0 | ug/L | 10.0 | 2.0 | 10 | | 06/10/10 22:02 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <1.9 | ug/L | 10.0 | 1.9 | 10 | | 06/10/10 22:02 | 10061-02-6 | |
| Diisopropyl ether | <7.6 | ug/L | 10.0 | 7.6 | 10 | | 06/10/10 22:02 | 108-20-3 | |
| Ethylbenzene | 10.8 | ug/L | 10.0 | 5.4 | 10 | | 06/10/10 22:02 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <6.7 | ug/L | 50.0 | 6.7 | 10 | | 06/10/10 22:02 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <5.9 | ug/L | 10.0 | 5.9 | 10 | | 06/10/10 22:02 | 98-82-8 | |
| p-Isopropyltoluene | <6.7 | ug/L | 10.0 | 6.7 | 10 | | 06/10/10 22:02 | 99-87-6 | |
| Methylene Chloride | <4.3 | ug/L | 10.0 | 4.3 | 10 | | 06/10/10 22:02 | 75-09-2 | |
| Methyl-tert-butyl ether | <6.1 | ug/L | 10.0 | 6.1 | 10 | | 06/10/10 22:02 | 1634-04-4 | |
| Naphthalene | 1660 | ug/L | 50.0 | 8.9 | 10 | | 06/10/10 22:02 | 91-20-3 | |
| n-Propylbenzene | <8.1 | ug/L | 10.0 | 8.1 | 10 | | 06/10/10 22:02 | 103-65-1 | |
| Styrene | <8.6 | ug/L | 10.0 | 8.6 | 10 | | 06/10/10 22:02 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <9.2 | ug/L | 10.0 | 9.2 | 10 | | 06/10/10 22:02 | 630-20-6 | |
| 1,1,1,2,2-Tetrachloroethane | <2.0 | ug/L | 10.0 | 2.0 | 10 | | 06/10/10 22:02 | 79-34-5 | |
| Tetrachloroethene | <4.5 | ug/L | 10.0 | 4.5 | 10 | | 06/10/10 22:02 | 127-18-4 | |
| Toluene | 64.2 | ug/L | 10.0 | 6.7 | 10 | | 06/10/10 22:02 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <7.4 | ug/L | 10.0 | 7.4 | 10 | | 06/10/10 22:02 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <9.7 | ug/L | 10.0 | 9.7 | 10 | | 06/10/10 22:02 | 120-82-1 | |
| 1,1,1-Trichloroethane | <9.0 | ug/L | 10.0 | 9.0 | 10 | | 06/10/10 22:02 | 71-55-6 | |
| 1,1,2-Trichloroethane | <4.2 | ug/L | 10.0 | 4.2 | 10 | | 06/10/10 22:02 | 79-00-5 | |
| Trichloroethene | <4.8 | ug/L | 10.0 | 4.8 | 10 | | 06/10/10 22:02 | 79-01-6 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 59 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: MW-5 **Lab ID: 4032925010** Collected: 06/03/10 12:50 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <7.9 | ug/L | 10.0 | 7.9 | 10 | | 06/10/10 22:02 | 75-69-4 | |
| 1,2,3-Trichloropropane | <9.9 | ug/L | 10.0 | 9.9 | 10 | | 06/10/10 22:02 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 10.5 | ug/L | 10.0 | 9.7 | 10 | | 06/10/10 22:02 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <8.3 | ug/L | 10.0 | 8.3 | 10 | | 06/10/10 22:02 | 108-67-8 | |
| Vinyl chloride | <1.8 | ug/L | 10.0 | 1.8 | 10 | | 06/10/10 22:02 | 75-01-4 | |
| m&p-Xylene | 44.4 | ug/L | 20.0 | 18.0 | 10 | | 06/10/10 22:02 | 179601-23-1 | |
| o-Xylene | 15.4 | ug/L | 10.0 | 8.3 | 10 | | 06/10/10 22:02 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 87 | %- | 69-130 | | 10 | | 06/10/10 22:02 | 460-00-4 | |
| Dibromofluoromethane (S) | 98 | %- | 70-134 | | 10 | | 06/10/10 22:02 | 1868-53-7 | |
| Toluene-d8 (S) | 99 | %- | 70-130 | | 10 | | 06/10/10 22:02 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:14 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-14 **Lab ID: 4032925011** Collected: 06/03/10 15:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|-----------------|---|------|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | |
| Arsenic, Dissolved | 3.6J | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 16:45 | 7440-38-2 | B |
| Barium, Dissolved | 142 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 16:45 | 7440-39-3 | |
| Cadmium, Dissolved | <0.26 | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 16:45 | 7440-43-9 | |
| Chromium, Dissolved | 0.64J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 16:45 | 7440-47-3 | B |
| Lead, Dissolved | 1.7J | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 16:45 | 7439-92-1 | |
| Selenium, Dissolved | 3.2J | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 16:45 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 16:45 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:09 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| Acenaphthene | <1.0 | ug/L | 5.4 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 83-32-9 | |
| Acenaphthylene | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 208-96-8 | |
| Anthracene | <0.68 | ug/L | 5.4 | 0.68 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 120-12-7 | |
| Benzo(a)anthracene | <0.67 | ug/L | 5.4 | 0.67 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 56-55-3 | |
| Benzo(a)pyrene | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.6 | ug/L | 5.4 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.84 | ug/L | 5.4 | 0.84 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <1.4 | ug/L | 5.4 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 101-55-3 | |
| Butylbenzylphthalate | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 85-68-7 | |
| Carbazole | <0.76 | ug/L | 5.4 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 59-50-7 | |
| 4-Chloroaniline | <0.88 | ug/L | 5.4 | 0.88 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.3 | ug/L | 5.4 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.72 | ug/L | 5.4 | 0.72 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 111-44-4 | |
| 2-Chloronaphthalene | <0.92 | ug/L | 5.4 | 0.92 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 91-58-7 | |
| 2-Chlorophenol | <0.76 | ug/L | 5.4 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.3 | ug/L | 5.4 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 7005-72-3 | |
| Chrysene | <0.85 | ug/L | 5.4 | 0.85 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.77 | ug/L | 5.4 | 0.77 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.90 | ug/L | 5.4 | 0.90 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.93 | ug/L | 5.4 | 0.93 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 120-83-2 | |
| Diethylphthalate | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 131-11-3 | |
| Di-n-butylphthalate | <0.97 | ug/L | 5.4 | 0.97 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.81 | ug/L | 5.4 | 0.81 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.2 | ug/L | 10.9 | 2.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.87 | ug/L | 5.4 | 0.87 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 606-20-2 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 61 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-14 **Lab ID: 4032925011** Collected: 06/03/10 15:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <1.7 | ug/L | 5.4 | 1.7 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.8 | ug/L | 5.4 | 2.8 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 117-81-7 | |
| Fluoranthene | <0.99 | ug/L | 5.4 | 0.99 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.72 | ug/L | 10.9 | 0.72 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 87-68-3 | |
| Hexachlorobenzene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 77-47-4 | |
| Hexachloroethane | <0.63 | ug/L | 5.4 | 0.63 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.73 | ug/L | 5.4 | 0.73 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 193-39-5 | |
| Isophorone | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 78-59-1 | |
| 2-Methylnaphthalene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.83 | ug/L | 5.4 | 0.83 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | | |
| Naphthalene | <0.76 | ug/L | 5.4 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 91-20-3 | |
| 2-Nitroaniline | <0.91 | ug/L | 5.4 | 0.91 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 88-74-4 | |
| 3-Nitroaniline | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 99-09-2 | |
| 4-Nitroaniline | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 100-01-6 | |
| Nitrobenzene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 98-95-3 | |
| 2-Nitrophenol | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 88-75-5 | |
| 4-Nitrophenol | <0.95 | ug/L | 10.9 | 0.95 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.7 | ug/L | 10.9 | 2.7 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.89 | ug/L | 5.4 | 0.89 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 108-60-1 | |
| Pentachlorophenol | <1.2 | ug/L | 10.9 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 87-86-5 | |
| Phenanthrene | <0.69 | ug/L | 5.4 | 0.69 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 108-95-2 | |
| Pyrene | <1.7 | ug/L | 5.4 | 1.7 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.94 | ug/L | 5.4 | 0.94 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 72 | %- | 66-130 | | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 96 | %- | 66-130 | | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 321-60-8 | |
| Terphenyl-d14 (S) | 82 | %- | 52-130 | | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 1718-51-0 | |
| Phenol-d6 (S) | 31 | %- | 20-130 | | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 13127-88-3 | |
| 2-Fluorophenol (S) | 55 | %- | 32-130 | | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 125 | %- | 42-130 | | 1 | 06/10/10 07:00 | 06/14/10 19:48 | 118-79-6 | |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|-------|------|-----|------|---|--|----------------|----------|--|
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/10/10 18:17 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 06/10/10 18:17 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 18:17 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/10/10 18:17 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 06/10/10 18:17 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 06/10/10 18:17 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 06/10/10 18:17 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/10/10 18:17 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 62 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-14 Lab ID: 4032925011 Collected: 06/03/10 15:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 18:17 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/10/10 18:17 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/10/10 18:17 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 18:17 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 06/10/10 18:17 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 06/10/10 18:17 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 06/10/10 18:17 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/10/10 18:17 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 06/10/10 18:17 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/10/10 18:17 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/10/10 18:17 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 06/10/10 18:17 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 18:17 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 06/10/10 18:17 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 06/10/10 18:17 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/10/10 18:17 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/10/10 18:17 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 06/10/10 18:17 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 06/10/10 18:17 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 18:17 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 06/10/10 18:17 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/10/10 18:17 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/10/10 18:17 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 06/10/10 18:17 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/10/10 18:17 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/10/10 18:17 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 06/10/10 18:17 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 06/10/10 18:17 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 06/10/10 18:17 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 06/10/10 18:17 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 06/10/10 18:17 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/10/10 18:17 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 06/10/10 18:17 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/10/10 18:17 | 1634-04-4 | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/10/10 18:17 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/10/10 18:17 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 06/10/10 18:17 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 06/10/10 18:17 | 630-20-6 | |
| 1,1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/10/10 18:17 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 06/10/10 18:17 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/10/10 18:17 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/10/10 18:17 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 18:17 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 06/10/10 18:17 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 06/10/10 18:17 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 06/10/10 18:17 | 79-01-6 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 63 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: MW-14 **Lab ID: 4032925011** Collected: 06/03/10 15:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 06/10/10 18:17 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/10/10 18:17 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 18:17 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 18:17 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 06/10/10 18:17 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 06/10/10 18:17 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 18:17 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 89 | %- | 69-130 | | 1 | | 06/10/10 18:17 | 460-00-4 | |
| Dibromofluoromethane (S) | 96 | %- | 70-134 | | 1 | | 06/10/10 18:17 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | %- | 70-130 | | 1 | | 06/10/10 18:17 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:15 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-15 **Lab ID: 4032925012** Collected: 06/03/10 15:25 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|-----------------|---|------|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | |
| Arsenic, Dissolved | 7.7J | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 16:49 | 7440-38-2 | B |
| Barium, Dissolved | 120 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 16:49 | 7440-39-3 | |
| Cadmium, Dissolved | <0.26 | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 16:49 | 7440-43-9 | |
| Chromium, Dissolved | 0.98J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 16:49 | 7440-47-3 | B |
| Lead, Dissolved | <1.4 | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 16:49 | 7439-92-1 | |
| Selenium, Dissolved | <2.1 | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 16:49 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 16:49 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:11 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| Acenaphthene | 36.3J | ug/L | 103 | 19.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 83-32-9 | |
| Acenaphthylene | <20.5 | ug/L | 103 | 20.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 208-96-8 | |
| Anthracene | 13.8J | ug/L | 103 | 12.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 120-12-7 | |
| Benzo(a)anthracene | <12.6 | ug/L | 103 | 12.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 56-55-3 | |
| Benzo(a)pyrene | <19.9 | ug/L | 103 | 19.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 50-32-8 | |
| Benzo(b)fluoranthene | <29.8 | ug/L | 103 | 29.8 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 205-99-2 | |
| Benzo(g,h,i)perylene | <15.9 | ug/L | 103 | 15.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 191-24-2 | |
| Benzo(k)fluoranthene | <21.1 | ug/L | 103 | 21.1 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <26.8 | ug/L | 103 | 26.8 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 101-55-3 | |
| Butylbenzylphthalate | <22.4 | ug/L | 103 | 22.4 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 85-68-7 | |
| Carbazole | 31.6J | ug/L | 103 | 14.3 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <20.8 | ug/L | 103 | 20.8 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 59-50-7 | |
| 4-Chloroaniline | <16.7 | ug/L | 103 | 16.7 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.6 | ug/L | 103 | 24.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <13.6 | ug/L | 103 | 13.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 111-44-4 | |
| 2-Chloronaphthalene | <17.4 | ug/L | 103 | 17.4 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 91-58-7 | |
| 2-Chlorophenol | <14.5 | ug/L | 103 | 14.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <24.5 | ug/L | 103 | 24.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 7005-72-3 | |
| Chrysene | <16.1 | ug/L | 103 | 16.1 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 218-01-9 | |
| Dibenz(a,h)anthracene | <28.5 | ug/L | 103 | 28.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 53-70-3 | |
| Dibenzofuran | 28.2J | ug/L | 103 | 21.8 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 132-64-9 | |
| 1,2-Dichlorobenzene | <14.6 | ug/L | 103 | 14.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 95-50-1 | |
| 1,3-Dichlorobenzene | <17.0 | ug/L | 103 | 17.0 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 541-73-1 | |
| 1,4-Dichlorobenzene | <17.7 | ug/L | 103 | 17.7 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <22.9 | ug/L | 103 | 22.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 91-94-1 | |
| 2,4-Dichlorophenol | <23.7 | ug/L | 103 | 23.7 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 120-83-2 | |
| Diethylphthalate | <27.8 | ug/L | 103 | 27.8 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 84-66-2 | |
| 2,4-Dimethylphenol | <23.2 | ug/L | 103 | 23.2 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 105-67-9 | |
| Dimethylphthalate | <21.5 | ug/L | 103 | 21.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 131-11-3 | |
| Di-n-butylphthalate | <18.5 | ug/L | 103 | 18.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <15.4 | ug/L | 103 | 15.4 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 534-52-1 | |
| 2,4-Dinitrophenol | <42.4 | ug/L | 206 | 42.4 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 51-28-5 | |
| 2,4-Dinitrotoluene | <16.6 | ug/L | 103 | 16.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 121-14-2 | |
| 2,6-Dinitrotoluene | <22.1 | ug/L | 103 | 22.1 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 606-20-2 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 65 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-15 **Lab ID: 4032925012** Collected: 06/03/10 15:25 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <31.5 | ug/L | 103 | 31.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <53.5 | ug/L | 103 | 53.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 117-81-7 | |
| Fluoranthene | <18.8 | ug/L | 103 | 18.8 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 206-44-0 | |
| Fluorene | 33.8J | ug/L | 103 | 23.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <13.6 | ug/L | 206 | 13.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 87-68-3 | |
| Hexachlorobenzene | <22.9 | ug/L | 103 | 22.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 118-74-1 | |
| Hexachlorocyclopentadiene | <22.6 | ug/L | 103 | 22.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 77-47-4 | |
| Hexachloroethane | <12.0 | ug/L | 103 | 12.0 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <13.8 | ug/L | 103 | 13.8 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 193-39-5 | |
| Isophorone | <28.2 | ug/L | 103 | 28.2 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 78-59-1 | |
| 2-Methylnaphthalene | 57.0J | ug/L | 103 | 27.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <20.1 | ug/L | 103 | 20.1 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 33.9J | ug/L | 103 | 15.8 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | | |
| Naphthalene | 551 | ug/L | 103 | 14.5 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 91-20-3 | |
| 2-Nitroaniline | <17.2 | ug/L | 103 | 17.2 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 88-74-4 | |
| 3-Nitroaniline | <19.9 | ug/L | 103 | 19.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 99-09-2 | |
| 4-Nitroaniline | <22.7 | ug/L | 103 | 22.7 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 100-01-6 | |
| Nitrobenzene | <28.1 | ug/L | 103 | 28.1 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 98-95-3 | |
| 2-Nitrophenol | <28.1 | ug/L | 103 | 28.1 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 88-75-5 | |
| 4-Nitrophenol | <18.0 | ug/L | 206 | 18.0 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <21.9 | ug/L | 103 | 21.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 621-64-7 | |
| N-Nitrosodiphenylamine | <50.6 | ug/L | 206 | 50.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <17.0 | ug/L | 103 | 17.0 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 108-60-1 | |
| Pentachlorophenol | <22.2 | ug/L | 206 | 22.2 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 87-86-5 | |
| Phenanthrene | 47.0J | ug/L | 103 | 13.1 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 85-01-8 | |
| Phenol | <21.3 | ug/L | 103 | 21.3 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 108-95-2 | |
| Pyrene | <33.1 | ug/L | 103 | 33.1 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <17.9 | ug/L | 103 | 17.9 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <20.6 | ug/L | 103 | 20.6 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.0 | ug/L | 103 | 22.0 | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 66-130 | | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 66-130 | | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 52-130 | | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 20-130 | | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 32-130 | | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 42-130 | | 20 | 06/10/10 07:00 | 06/14/10 16:02 | 118-79-6 | S4 |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|-------|------|------|------|----|--|----------------|----------|--|
| Benzene | 24.6J | ug/L | 25.0 | 10.2 | 25 | | 06/10/10 15:39 | 71-43-2 | |
| Bromobenzene | <20.5 | ug/L | 25.0 | 20.5 | 25 | | 06/10/10 15:39 | 108-86-1 | |
| Bromochloromethane | <24.2 | ug/L | 25.0 | 24.2 | 25 | | 06/10/10 15:39 | 74-97-5 | |
| Bromodichloromethane | <14.0 | ug/L | 25.0 | 14.0 | 25 | | 06/10/10 15:39 | 75-27-4 | |
| Bromoform | <23.5 | ug/L | 25.0 | 23.5 | 25 | | 06/10/10 15:39 | 75-25-2 | |
| Bromomethane | <22.8 | ug/L | 25.0 | 22.8 | 25 | | 06/10/10 15:39 | 74-83-9 | |
| n-Butylbenzene | <23.2 | ug/L | 25.0 | 23.2 | 25 | | 06/10/10 15:39 | 104-51-8 | |
| sec-Butylbenzene | <22.2 | ug/L | 125 | 22.2 | 25 | | 06/10/10 15:39 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 66 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-15 **Lab ID: 4032925012** Collected: 06/03/10 15:25 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <24.2 | ug/L | 25.0 | 24.2 | 25 | | 06/10/10 15:39 | 98-06-6 | |
| Carbon tetrachloride | <12.2 | ug/L | 25.0 | 12.2 | 25 | | 06/10/10 15:39 | 56-23-5 | |
| Chlorobenzene | <10.2 | ug/L | 25.0 | 10.2 | 25 | | 06/10/10 15:39 | 108-90-7 | |
| Chloroethane | <24.2 | ug/L | 25.0 | 24.2 | 25 | | 06/10/10 15:39 | 75-00-3 | |
| Chloroform | <32.5 | ug/L | 125 | 32.5 | 25 | | 06/10/10 15:39 | 67-66-3 | |
| Chloromethane | <6.0 | ug/L | 25.0 | 6.0 | 25 | | 06/10/10 15:39 | 74-87-3 | |
| 2-Chlorotoluene | <21.2 | ug/L | 25.0 | 21.2 | 25 | | 06/10/10 15:39 | 95-49-8 | |
| 4-Chlorotoluene | <18.5 | ug/L | 25.0 | 18.5 | 25 | | 06/10/10 15:39 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <42.0 | ug/L | 125 | 42.0 | 25 | | 06/10/10 15:39 | 96-12-8 | |
| Dibromochloromethane | <20.2 | ug/L | 25.0 | 20.2 | 25 | | 06/10/10 15:39 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <14.0 | ug/L | 25.0 | 14.0 | 25 | | 06/10/10 15:39 | 106-93-4 | |
| Dibromomethane | <15.0 | ug/L | 25.0 | 15.0 | 25 | | 06/10/10 15:39 | 74-95-3 | |
| 1,2-Dichlorobenzene | <20.8 | ug/L | 25.0 | 20.8 | 25 | | 06/10/10 15:39 | 95-50-1 | |
| 1,3-Dichlorobenzene | <21.8 | ug/L | 25.0 | 21.8 | 25 | | 06/10/10 15:39 | 541-73-1 | |
| 1,4-Dichlorobenzene | <23.8 | ug/L | 25.0 | 23.8 | 25 | | 06/10/10 15:39 | 106-46-7 | |
| Dichlorodifluoromethane | <24.8 | ug/L | 25.0 | 24.8 | 25 | | 06/10/10 15:39 | 75-71-8 | |
| 1,1-Dichloroethane | <18.8 | ug/L | 25.0 | 18.8 | 25 | | 06/10/10 15:39 | 75-34-3 | |
| 1,2-Dichloroethane | <9.0 | ug/L | 25.0 | 9.0 | 25 | | 06/10/10 15:39 | 107-06-2 | |
| 1,1-Dichloroethene | <14.2 | ug/L | 25.0 | 14.2 | 25 | | 06/10/10 15:39 | 75-35-4 | |
| cis-1,2-Dichloroethene | <20.8 | ug/L | 25.0 | 20.8 | 25 | | 06/10/10 15:39 | 156-59-2 | |
| trans-1,2-Dichloroethene | <22.2 | ug/L | 25.0 | 22.2 | 25 | | 06/10/10 15:39 | 156-60-5 | |
| 1,2-Dichloropropane | <12.2 | ug/L | 25.0 | 12.2 | 25 | | 06/10/10 15:39 | 78-87-5 | |
| 1,3-Dichloropropane | <15.2 | ug/L | 25.0 | 15.2 | 25 | | 06/10/10 15:39 | 142-28-9 | |
| 2,2-Dichloropropane | <15.5 | ug/L | 25.0 | 15.5 | 25 | | 06/10/10 15:39 | 594-20-7 | |
| 1,1-Dichloropropene | <18.8 | ug/L | 25.0 | 18.8 | 25 | | 06/10/10 15:39 | 563-58-6 | |
| cis-1,3-Dichloropropene | <5.0 | ug/L | 25.0 | 5.0 | 25 | | 06/10/10 15:39 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.8 | ug/L | 25.0 | 4.8 | 25 | | 06/10/10 15:39 | 10061-02-6 | |
| Diisopropyl ether | <19.0 | ug/L | 25.0 | 19.0 | 25 | | 06/10/10 15:39 | 108-20-3 | |
| Ethylbenzene | 42.4 | ug/L | 25.0 | 13.5 | 25 | | 06/10/10 15:39 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <16.8 | ug/L | 125 | 16.8 | 25 | | 06/10/10 15:39 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <14.8 | ug/L | 25.0 | 14.8 | 25 | | 06/10/10 15:39 | 98-82-8 | |
| p-Isopropyltoluene | <16.8 | ug/L | 25.0 | 16.8 | 25 | | 06/10/10 15:39 | 99-87-6 | |
| Methylene Chloride | <10.8 | ug/L | 25.0 | 10.8 | 25 | | 06/10/10 15:39 | 75-09-2 | |
| Methyl-tert-butyl ether | <15.2 | ug/L | 25.0 | 15.2 | 25 | | 06/10/10 15:39 | 1634-04-4 | |
| Naphthalene | 1220 | ug/L | 125 | 22.2 | 25 | | 06/10/10 15:39 | 91-20-3 | |
| n-Propylbenzene | <20.2 | ug/L | 25.0 | 20.2 | 25 | | 06/10/10 15:39 | 103-65-1 | |
| Styrene | <21.5 | ug/L | 25.0 | 21.5 | 25 | | 06/10/10 15:39 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <23.0 | ug/L | 25.0 | 23.0 | 25 | | 06/10/10 15:39 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <5.0 | ug/L | 25.0 | 5.0 | 25 | | 06/10/10 15:39 | 79-34-5 | |
| Tetrachloroethene | <11.2 | ug/L | 25.0 | 11.2 | 25 | | 06/10/10 15:39 | 127-18-4 | |
| Toluene | 29.1 | ug/L | 25.0 | 16.8 | 25 | | 06/10/10 15:39 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <18.5 | ug/L | 25.0 | 18.5 | 25 | | 06/10/10 15:39 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <24.2 | ug/L | 25.0 | 24.2 | 25 | | 06/10/10 15:39 | 120-82-1 | |
| 1,1,1-Trichloroethane | <22.5 | ug/L | 25.0 | 22.5 | 25 | | 06/10/10 15:39 | 71-55-6 | |
| 1,1,2-Trichloroethane | <10.5 | ug/L | 25.0 | 10.5 | 25 | | 06/10/10 15:39 | 79-00-5 | |
| Trichloroethene | <12.0 | ug/L | 25.0 | 12.0 | 25 | | 06/10/10 15:39 | 79-01-6 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 67 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: MW-15 **Lab ID: 4032925012** Collected: 06/03/10 15:25 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <19.8 | ug/L | 25.0 | 19.8 | 25 | | 06/10/10 15:39 | 75-69-4 | |
| 1,2,3-Trichloropropane | <24.8 | ug/L | 25.0 | 24.8 | 25 | | 06/10/10 15:39 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 66.7 | ug/L | 25.0 | 24.2 | 25 | | 06/10/10 15:39 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 29.1 | ug/L | 25.0 | 20.8 | 25 | | 06/10/10 15:39 | 108-67-8 | |
| Vinyl chloride | <4.5 | ug/L | 25.0 | 4.5 | 25 | | 06/10/10 15:39 | 75-01-4 | |
| m&p-Xylene | 121 | ug/L | 50.0 | 45.0 | 25 | | 06/10/10 15:39 | 179601-23-1 | |
| o-Xylene | 51.6 | ug/L | 25.0 | 20.8 | 25 | | 06/10/10 15:39 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 89 | %- | 69-130 | | 25 | | 06/10/10 15:39 | 460-00-4 | |
| Dibromofluoromethane (S) | 96 | %- | 70-134 | | 25 | | 06/10/10 15:39 | 1868-53-7 | |
| Toluene-d8 (S) | 100 | %- | 70-130 | | 25 | | 06/10/10 15:39 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:15 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-9 **Lab ID: 4032925013** Collected: 06/03/10 16:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|------|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | | | |
| Arsenic, Dissolved | 3.9J | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 16:28 | 7440-38-2 | B |
| Barium, Dissolved | 44.4 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 16:28 | 7440-39-3 | |
| Cadmium, Dissolved | 0.48J | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 16:28 | 7440-43-9 | |
| Chromium, Dissolved | 23.8 | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 16:28 | 7440-47-3 | |
| Lead, Dissolved | 2.8J | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 16:28 | 7439-92-1 | |
| Selenium, Dissolved | <2.1 | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 16:28 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 16:28 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:01 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <1.0 | ug/L | 5.4 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 83-32-9 | |
| Acenaphthylene | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 208-96-8 | |
| Acetophenone | <1.9 | ug/L | 10.8 | 1.9 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 98-86-2 | |
| Anthracene | <0.67 | ug/L | 5.4 | 0.67 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 120-12-7 | |
| Atrazine | <1.9 | ug/L | 10.8 | 1.9 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 1912-24-9 | |
| Benzaldehyde | <1.5 | ug/L | 10.8 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 100-52-7 | |
| Benzo(a)anthracene | <0.66 | ug/L | 5.4 | 0.66 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 56-55-3 | |
| Benzo(a)pyrene | <1.0 | ug/L | 5.4 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.6 | ug/L | 5.4 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.83 | ug/L | 5.4 | 0.83 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 207-08-9 | L1 |
| Biphenyl (Diphenyl) | <1.6 | ug/L | 10.8 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 92-52-4 | |
| 4-Bromophenylphenyl ether | <1.4 | ug/L | 5.4 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 101-55-3 | |
| Butylbenzylphthalate | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 85-68-7 | |
| Caprolactam | <1.5 | ug/L | 10.8 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 105-60-2 | |
| Carbazole | <0.75 | ug/L | 5.4 | 0.75 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 59-50-7 | |
| 4-Chloroaniline | <0.87 | ug/L | 5.4 | 0.87 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.3 | ug/L | 5.4 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.71 | ug/L | 5.4 | 0.71 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 111-44-4 | |
| 2-Chloronaphthalene | <0.91 | ug/L | 5.4 | 0.91 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 91-58-7 | |
| 2-Chlorophenol | <0.75 | ug/L | 5.4 | 0.75 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.3 | ug/L | 5.4 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 7005-72-3 | |
| Chrysene | <0.84 | ug/L | 5.4 | 0.84 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 53-70-3 | R1 |
| Dibenzofuran | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.76 | ug/L | 5.4 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.89 | ug/L | 5.4 | 0.89 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.92 | ug/L | 5.4 | 0.92 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 120-83-2 | |
| Diethylphthalate | <1.4 | ug/L | 5.4 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 131-11-3 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 69 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-9 **Lab ID: 4032925013** Collected: 06/03/10 16:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-butylphthalate | <0.96 | ug/L | 5.4 | 0.96 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.80 | ug/L | 5.4 | 0.80 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.2 | ug/L | 10.8 | 2.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.87 | ug/L | 5.4 | 0.87 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 606-20-2 | |
| Di-n-octylphthalate | <1.6 | ug/L | 5.4 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.8 | ug/L | 5.4 | 2.8 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 117-81-7 | |
| Fluoranthene | <0.98 | ug/L | 5.4 | 0.98 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.71 | ug/L | 10.8 | 0.71 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 87-68-3 | |
| Hexachlorobenzene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 77-47-4 | |
| Hexachloroethane | <0.63 | ug/L | 5.4 | 0.63 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.72 | ug/L | 5.4 | 0.72 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 193-39-5 | |
| Isophorone | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 78-59-1 | |
| 2-Methylnaphthalene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <1.0 | ug/L | 5.4 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.83 | ug/L | 5.4 | 0.83 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | | |
| Naphthalene | <0.76 | ug/L | 5.4 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 91-20-3 | |
| 2-Nitroaniline | <0.90 | ug/L | 5.4 | 0.90 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 88-74-4 | |
| 3-Nitroaniline | <1.0 | ug/L | 5.4 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 99-09-2 | |
| 4-Nitroaniline | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 100-01-6 | |
| Nitrobenzene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 98-95-3 | |
| 2-Nitrophenol | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 88-75-5 | |
| 4-Nitrophenol | <0.94 | ug/L | 10.8 | 0.94 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.6 | ug/L | 10.8 | 2.6 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.88 | ug/L | 5.4 | 0.88 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 108-60-1 | M0 |
| Pentachlorophenol | <1.2 | ug/L | 10.8 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 87-86-5 | |
| Phenanthrene | <0.68 | ug/L | 5.4 | 0.68 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 108-95-2 | |
| Pyrene | <1.7 | ug/L | 5.4 | 1.7 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.93 | ug/L | 5.4 | 0.93 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 58 | %- | 66-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 4165-60-0 | S0 |
| 2-Fluorobiphenyl (S) | 84 | %- | 66-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 321-60-8 | |
| Terphenyl-d14 (S) | 76 | %- | 52-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 1718-51-0 | |
| Phenol-d6 (S) | 24 | %- | 20-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 13127-88-3 | |
| 2-Fluorophenol (S) | 44 | %- | 32-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 110 | %- | 42-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:21 | 118-79-6 | |

8260 MSV Analytical Method: EPA 8260

| | | | | | | | | |
|--------------------|-------|------|-----|------|---|----------------|----------|--|
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | 06/10/10 13:46 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | 06/10/10 13:46 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | 06/10/10 13:46 | 74-97-5 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 70 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Sample Project No.: 4032925

Sample: MW-9 **Lab ID: 4032925013** Collected: 06/03/10 16:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/10/10 13:46 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 06/10/10 13:46 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 06/10/10 13:46 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 06/10/10 13:46 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/10/10 13:46 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 13:46 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/10/10 13:46 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/10/10 13:46 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 13:46 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 06/10/10 13:46 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 06/10/10 13:46 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 06/10/10 13:46 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/10/10 13:46 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 06/10/10 13:46 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/10/10 13:46 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/10/10 13:46 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 06/10/10 13:46 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 13:46 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 06/10/10 13:46 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 06/10/10 13:46 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/10/10 13:46 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/10/10 13:46 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 06/10/10 13:46 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 06/10/10 13:46 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 13:46 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 06/10/10 13:46 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/10/10 13:46 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/10/10 13:46 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 06/10/10 13:46 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/10/10 13:46 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/10/10 13:46 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 06/10/10 13:46 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 06/10/10 13:46 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 06/10/10 13:46 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 06/10/10 13:46 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 06/10/10 13:46 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/10/10 13:46 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 06/10/10 13:46 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/10/10 13:46 | 1634-04-4 | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/10/10 13:46 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/10/10 13:46 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 06/10/10 13:46 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 06/10/10 13:46 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/10/10 13:46 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 06/10/10 13:46 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/10/10 13:46 | 108-88-3 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 71 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Project No.: 4032925

Sample: MW-9 **Lab ID: 4032925013** Collected: 06/03/10 16:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/10/10 13:46 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 13:46 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 06/10/10 13:46 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 06/10/10 13:46 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 06/10/10 13:46 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 06/10/10 13:46 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/10/10 13:46 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 13:46 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 13:46 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 06/10/10 13:46 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 06/10/10 13:46 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 13:46 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 87 %- | | 69-130 | | 1 | | 06/10/10 13:46 | 460-00-4 | |
| Dibromofluoromethane (S) | 99 %- | | 70-134 | | 1 | | 06/10/10 13:46 | 1868-53-7 | |
| Toluene-d8 (S) | 98 %- | | 70-130 | | 1 | | 06/10/10 13:46 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:19 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-16 **Lab ID: 4032925014** Collected: 06/04/10 08:50 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|-----------------|---|------|------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | |
| Arsenic, Dissolved | 5.3J | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 17:01 | 7440-38-2 | B |
| Barium, Dissolved | 97.2 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 17:01 | 7440-39-3 | |
| Cadmium, Dissolved | <0.26 | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 17:01 | 7440-43-9 | |
| Chromium, Dissolved | 0.74J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 17:01 | 7440-47-3 | B |
| Lead, Dissolved | 2.6J | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 17:01 | 7439-92-1 | |
| Selenium, Dissolved | 3.1J | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 17:01 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 17:01 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:15 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| Acenaphthene | 376J | ug/L | 549 | 105 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 83-32-9 | |
| Acenaphthylene | <109 | ug/L | 549 | 109 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 208-96-8 | |
| Anthracene | <68.8 | ug/L | 549 | 68.8 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 120-12-7 | |
| Benzo(a)anthracene | <67.3 | ug/L | 549 | 67.3 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 56-55-3 | |
| Benzo(a)pyrene | <106 | ug/L | 549 | 106 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 50-32-8 | |
| Benzo(b)fluoranthene | <159 | ug/L | 549 | 159 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 205-99-2 | |
| Benzo(g,h,i)perylene | <84.6 | ug/L | 549 | 84.6 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 191-24-2 | |
| Benzo(k)fluoranthene | <113 | ug/L | 549 | 113 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <143 | ug/L | 549 | 143 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 101-55-3 | |
| Butylbenzylphthalate | <119 | ug/L | 549 | 119 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 85-68-7 | |
| Carbazole | 245J | ug/L | 549 | 76.4 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <111 | ug/L | 549 | 111 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 59-50-7 | |
| 4-Chloroaniline | <89.0 | ug/L | 549 | 89.0 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <131 | ug/L | 549 | 131 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <72.3 | ug/L | 549 | 72.3 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 111-44-4 | |
| 2-Chloronaphthalene | <92.7 | ug/L | 549 | 92.7 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 91-58-7 | |
| 2-Chlorophenol | <77.1 | ug/L | 549 | 77.1 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <131 | ug/L | 549 | 131 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 7005-72-3 | |
| Chrysene | <85.7 | ug/L | 549 | 85.7 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 218-01-9 | |
| Dibenz(a,h)anthracene | <152 | ug/L | 549 | 152 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 53-70-3 | |
| Dibenzofuran | 198J | ug/L | 549 | 116 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 132-64-9 | |
| 1,2-Dichlorobenzene | <77.8 | ug/L | 549 | 77.8 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 95-50-1 | |
| 1,3-Dichlorobenzene | <90.8 | ug/L | 549 | 90.8 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 541-73-1 | |
| 1,4-Dichlorobenzene | <94.5 | ug/L | 549 | 94.5 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <122 | ug/L | 549 | 122 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 91-94-1 | |
| 2,4-Dichlorophenol | <126 | ug/L | 549 | 126 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 120-83-2 | |
| Diethylphthalate | <148 | ug/L | 549 | 148 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 84-66-2 | |
| 2,4-Dimethylphenol | 157J | ug/L | 549 | 124 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 105-67-9 | |
| Dimethylphthalate | <115 | ug/L | 549 | 115 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 131-11-3 | |
| Di-n-butylphthalate | <98.4 | ug/L | 549 | 98.4 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <81.9 | ug/L | 549 | 81.9 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 534-52-1 | |
| 2,4-Dinitrophenol | <226 | ug/L | 1100 | 226 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 51-28-5 | |
| 2,4-Dinitrotoluene | <88.4 | ug/L | 549 | 88.4 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 121-14-2 | |
| 2,6-Dinitrotoluene | <118 | ug/L | 549 | 118 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 606-20-2 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 73 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-16 **Lab ID: 4032925014** Collected: 06/04/10 08:50 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|-----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <168 | ug/L | 549 | 168 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <285 | ug/L | 549 | 285 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 117-81-7 | |
| Fluoranthene | <100 | ug/L | 549 | 100 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 206-44-0 | |
| Fluorene | 179J | ug/L | 549 | 125 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <72.4 | ug/L | 1100 | 72.4 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 87-68-3 | |
| Hexachlorobenzene | <122 | ug/L | 549 | 122 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 118-74-1 | |
| Hexachlorocyclopentadiene | <120 | ug/L | 549 | 120 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 77-47-4 | |
| Hexachloroethane | <64.0 | ug/L | 549 | 64.0 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <73.4 | ug/L | 549 | 73.4 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 193-39-5 | |
| Isophorone | <150 | ug/L | 549 | 150 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 78-59-1 | |
| 2-Methylnaphthalene | 732 | ug/L | 549 | 149 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <107 | ug/L | 549 | 107 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <84.3 | ug/L | 549 | 84.3 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | | |
| Naphthalene | 8140 | ug/L | 549 | 77.3 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 91-20-3 | |
| 2-Nitroaniline | <91.9 | ug/L | 549 | 91.9 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 88-74-4 | |
| 3-Nitroaniline | <106 | ug/L | 549 | 106 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 99-09-2 | |
| 4-Nitroaniline | <121 | ug/L | 549 | 121 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 100-01-6 | |
| Nitrobenzene | <150 | ug/L | 549 | 150 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 98-95-3 | |
| 2-Nitrophenol | <150 | ug/L | 549 | 150 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 88-75-5 | |
| 4-Nitrophenol | <96.0 | ug/L | 1100 | 96.0 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <117 | ug/L | 549 | 117 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 621-64-7 | |
| N-Nitrosodiphenylamine | <270 | ug/L | 1100 | 270 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <90.4 | ug/L | 549 | 90.4 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 108-60-1 | |
| Pentachlorophenol | <118 | ug/L | 1100 | 118 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 87-86-5 | |
| Phenanthrene | 104J | ug/L | 549 | 69.6 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 85-01-8 | |
| Phenol | <114 | ug/L | 549 | 114 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 108-95-2 | |
| Pyrene | <177 | ug/L | 549 | 177 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <95.5 | ug/L | 549 | 95.5 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <110 | ug/L | 549 | 110 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <117 | ug/L | 549 | 117 | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 | %- | 66-130 | | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 | %- | 66-130 | | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 | %- | 52-130 | | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 | %- | 20-130 | | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 | %- | 32-130 | | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 | %- | 42-130 | | 100 | 06/10/10 07:00 | 06/14/10 15:30 | 118-79-6 | S4 |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|-------|------|------|------|----|--|----------------|----------|--|
| Benzene | 71.7 | ug/L | 50.0 | 20.5 | 50 | | 06/10/10 16:02 | 71-43-2 | |
| Bromobenzene | <41.0 | ug/L | 50.0 | 41.0 | 50 | | 06/10/10 16:02 | 108-86-1 | |
| Bromochloromethane | <48.5 | ug/L | 50.0 | 48.5 | 50 | | 06/10/10 16:02 | 74-97-5 | |
| Bromodichloromethane | <28.0 | ug/L | 50.0 | 28.0 | 50 | | 06/10/10 16:02 | 75-27-4 | |
| Bromoform | <47.0 | ug/L | 50.0 | 47.0 | 50 | | 06/10/10 16:02 | 75-25-2 | |
| Bromomethane | <45.5 | ug/L | 50.0 | 45.5 | 50 | | 06/10/10 16:02 | 74-83-9 | |
| n-Butylbenzene | <46.5 | ug/L | 50.0 | 46.5 | 50 | | 06/10/10 16:02 | 104-51-8 | |
| sec-Butylbenzene | <44.5 | ug/L | 250 | 44.5 | 50 | | 06/10/10 16:02 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 74 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-16 **Lab ID: 4032925014** Collected: 06/04/10 08:50 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <48.5 | ug/L | 50.0 | 48.5 | 50 | | 06/10/10 16:02 | 98-06-6 | |
| Carbon tetrachloride | <24.5 | ug/L | 50.0 | 24.5 | 50 | | 06/10/10 16:02 | 56-23-5 | |
| Chlorobenzene | <20.5 | ug/L | 50.0 | 20.5 | 50 | | 06/10/10 16:02 | 108-90-7 | |
| Chloroethane | <48.5 | ug/L | 50.0 | 48.5 | 50 | | 06/10/10 16:02 | 75-00-3 | |
| Chloroform | <65.0 | ug/L | 250 | 65.0 | 50 | | 06/10/10 16:02 | 67-66-3 | |
| Chloromethane | <12.0 | ug/L | 50.0 | 12.0 | 50 | | 06/10/10 16:02 | 74-87-3 | |
| 2-Chlorotoluene | <42.5 | ug/L | 50.0 | 42.5 | 50 | | 06/10/10 16:02 | 95-49-8 | |
| 4-Chlorotoluene | <37.0 | ug/L | 50.0 | 37.0 | 50 | | 06/10/10 16:02 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <84.0 | ug/L | 250 | 84.0 | 50 | | 06/10/10 16:02 | 96-12-8 | |
| Dibromochloromethane | <40.5 | ug/L | 50.0 | 40.5 | 50 | | 06/10/10 16:02 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <28.0 | ug/L | 50.0 | 28.0 | 50 | | 06/10/10 16:02 | 106-93-4 | |
| Dibromomethane | <30.0 | ug/L | 50.0 | 30.0 | 50 | | 06/10/10 16:02 | 74-95-3 | |
| 1,2-Dichlorobenzene | <41.5 | ug/L | 50.0 | 41.5 | 50 | | 06/10/10 16:02 | 95-50-1 | |
| 1,3-Dichlorobenzene | <43.5 | ug/L | 50.0 | 43.5 | 50 | | 06/10/10 16:02 | 541-73-1 | |
| 1,4-Dichlorobenzene | <47.5 | ug/L | 50.0 | 47.5 | 50 | | 06/10/10 16:02 | 106-46-7 | |
| Dichlorodifluoromethane | <49.5 | ug/L | 50.0 | 49.5 | 50 | | 06/10/10 16:02 | 75-71-8 | |
| 1,1-Dichloroethane | <37.5 | ug/L | 50.0 | 37.5 | 50 | | 06/10/10 16:02 | 75-34-3 | |
| 1,2-Dichloroethane | <18.0 | ug/L | 50.0 | 18.0 | 50 | | 06/10/10 16:02 | 107-06-2 | |
| 1,1-Dichloroethene | <28.5 | ug/L | 50.0 | 28.5 | 50 | | 06/10/10 16:02 | 75-35-4 | |
| cis-1,2-Dichloroethene | <41.5 | ug/L | 50.0 | 41.5 | 50 | | 06/10/10 16:02 | 156-59-2 | |
| trans-1,2-Dichloroethene | <44.5 | ug/L | 50.0 | 44.5 | 50 | | 06/10/10 16:02 | 156-60-5 | |
| 1,2-Dichloropropane | <24.5 | ug/L | 50.0 | 24.5 | 50 | | 06/10/10 16:02 | 78-87-5 | |
| 1,3-Dichloropropane | <30.5 | ug/L | 50.0 | 30.5 | 50 | | 06/10/10 16:02 | 142-28-9 | |
| 2,2-Dichloropropane | <31.0 | ug/L | 50.0 | 31.0 | 50 | | 06/10/10 16:02 | 594-20-7 | |
| 1,1-Dichloropropene | <37.5 | ug/L | 50.0 | 37.5 | 50 | | 06/10/10 16:02 | 563-58-6 | |
| cis-1,3-Dichloropropene | <10.0 | ug/L | 50.0 | 10.0 | 50 | | 06/10/10 16:02 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <9.5 | ug/L | 50.0 | 9.5 | 50 | | 06/10/10 16:02 | 10061-02-6 | |
| Diisopropyl ether | <38.0 | ug/L | 50.0 | 38.0 | 50 | | 06/10/10 16:02 | 108-20-3 | |
| Ethylbenzene | 109 | ug/L | 50.0 | 27.0 | 50 | | 06/10/10 16:02 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <33.5 | ug/L | 250 | 33.5 | 50 | | 06/10/10 16:02 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <29.5 | ug/L | 50.0 | 29.5 | 50 | | 06/10/10 16:02 | 98-82-8 | |
| p-Isopropyltoluene | <33.5 | ug/L | 50.0 | 33.5 | 50 | | 06/10/10 16:02 | 99-87-6 | |
| Methylene Chloride | <21.5 | ug/L | 50.0 | 21.5 | 50 | | 06/10/10 16:02 | 75-09-2 | |
| Methyl-tert-butyl ether | <30.5 | ug/L | 50.0 | 30.5 | 50 | | 06/10/10 16:02 | 1634-04-4 | |
| Naphthalene | 9640 | ug/L | 250 | 44.5 | 50 | | 06/10/10 16:02 | 91-20-3 | |
| n-Propylbenzene | <40.5 | ug/L | 50.0 | 40.5 | 50 | | 06/10/10 16:02 | 103-65-1 | |
| Styrene | <43.0 | ug/L | 50.0 | 43.0 | 50 | | 06/10/10 16:02 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <46.0 | ug/L | 50.0 | 46.0 | 50 | | 06/10/10 16:02 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <10.0 | ug/L | 50.0 | 10.0 | 50 | | 06/10/10 16:02 | 79-34-5 | |
| Tetrachloroethene | <22.5 | ug/L | 50.0 | 22.5 | 50 | | 06/10/10 16:02 | 127-18-4 | |
| Toluene | 34.5J | ug/L | 50.0 | 33.5 | 50 | | 06/10/10 16:02 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <37.0 | ug/L | 50.0 | 37.0 | 50 | | 06/10/10 16:02 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <48.5 | ug/L | 50.0 | 48.5 | 50 | | 06/10/10 16:02 | 120-82-1 | |
| 1,1,1-Trichloroethane | <45.0 | ug/L | 50.0 | 45.0 | 50 | | 06/10/10 16:02 | 71-55-6 | |
| 1,1,2-Trichloroethane | <21.0 | ug/L | 50.0 | 21.0 | 50 | | 06/10/10 16:02 | 79-00-5 | |
| Trichloroethene | <24.0 | ug/L | 50.0 | 24.0 | 50 | | 06/10/10 16:02 | 79-01-6 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: MW-16 **Lab ID: 4032925014** Collected: 06/04/10 08:50 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <39.5 | ug/L | 50.0 | 39.5 | 50 | | 06/10/10 16:02 | 75-69-4 | |
| 1,2,3-Trichloropropane | <49.5 | ug/L | 50.0 | 49.5 | 50 | | 06/10/10 16:02 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <48.5 | ug/L | 50.0 | 48.5 | 50 | | 06/10/10 16:02 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <41.5 | ug/L | 50.0 | 41.5 | 50 | | 06/10/10 16:02 | 108-67-8 | |
| Vinyl chloride | <9.0 | ug/L | 50.0 | 9.0 | 50 | | 06/10/10 16:02 | 75-01-4 | |
| m&p-Xylene | <90.0 | ug/L | 100 | 90.0 | 50 | | 06/10/10 16:02 | 179601-23-1 | |
| o-Xylene | <41.5 | ug/L | 50.0 | 41.5 | 50 | | 06/10/10 16:02 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 89 | %- | 69-130 | | 50 | | 06/10/10 16:02 | 460-00-4 | |
| Dibromofluoromethane (S) | 94 | %- | 70-134 | | 50 | | 06/10/10 16:02 | 1868-53-7 | |
| Toluene-d8 (S) | 99 | %- | 70-130 | | 50 | | 06/10/10 16:02 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:22 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-20 **Lab ID: 4032925015** Collected: 06/04/10 09:30 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|-----------------|-------|------|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | | | |
| Arsenic, Dissolved | 4.6J | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 17:04 | 7440-38-2 | B |
| Barium, Dissolved | 178 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 17:04 | 7440-39-3 | |
| Cadmium, Dissolved | <0.26 | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 17:04 | 7440-43-9 | |
| Chromium, Dissolved | 0.73J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 17:04 | 7440-47-3 | B |
| Lead, Dissolved | <1.4 | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 17:04 | 7439-92-1 | |
| Selenium, Dissolved | 4.6J | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 17:04 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 17:04 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:16 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | 6.0J | ug/L | 11.5 | 2.2 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 83-32-9 | |
| Acenaphthylene | <2.3 | ug/L | 11.5 | 2.3 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 208-96-8 | |
| Anthracene | 8.9J | ug/L | 11.5 | 1.4 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 120-12-7 | |
| Benzo(a)anthracene | 2.0J | ug/L | 11.5 | 1.4 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 56-55-3 | |
| Benzo(a)pyrene | <2.2 | ug/L | 11.5 | 2.2 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 50-32-8 | |
| Benzo(b)fluoranthene | <3.3 | ug/L | 11.5 | 3.3 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 205-99-2 | |
| Benzo(g,h,i)perylene | <1.8 | ug/L | 11.5 | 1.8 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 191-24-2 | |
| Benzo(k)fluoranthene | <2.4 | ug/L | 11.5 | 2.4 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <3.0 | ug/L | 11.5 | 3.0 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 101-55-3 | |
| Butylbenzylphthalate | <2.5 | ug/L | 11.5 | 2.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 85-68-7 | |
| Carbazole | 13.6 | ug/L | 11.5 | 1.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <2.3 | ug/L | 11.5 | 2.3 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 59-50-7 | |
| 4-Chloroaniline | <1.9 | ug/L | 11.5 | 1.9 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <2.7 | ug/L | 11.5 | 2.7 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <1.5 | ug/L | 11.5 | 1.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 111-44-4 | |
| 2-Chloronaphthalene | <1.9 | ug/L | 11.5 | 1.9 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 91-58-7 | |
| 2-Chlorophenol | <1.6 | ug/L | 11.5 | 1.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <2.7 | ug/L | 11.5 | 2.7 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 7005-72-3 | |
| Chrysene | 4.0J | ug/L | 11.5 | 1.8 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 218-01-9 | |
| Dibenz(a,h)anthracene | <3.2 | ug/L | 11.5 | 3.2 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 53-70-3 | |
| Dibenzofuran | 4.3J | ug/L | 11.5 | 2.4 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 132-64-9 | |
| 1,2-Dichlorobenzene | <1.6 | ug/L | 11.5 | 1.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 95-50-1 | |
| 1,3-Dichlorobenzene | <1.9 | ug/L | 11.5 | 1.9 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 541-73-1 | |
| 1,4-Dichlorobenzene | <2.0 | ug/L | 11.5 | 2.0 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <2.6 | ug/L | 11.5 | 2.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 91-94-1 | |
| 2,4-Dichlorophenol | <2.6 | ug/L | 11.5 | 2.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 120-83-2 | |
| Diethylphthalate | <3.1 | ug/L | 11.5 | 3.1 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 84-66-2 | |
| 2,4-Dimethylphenol | <2.6 | ug/L | 11.5 | 2.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 105-67-9 | |
| Dimethylphthalate | <2.4 | ug/L | 11.5 | 2.4 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 131-11-3 | |
| Di-n-butylphthalate | <2.1 | ug/L | 11.5 | 2.1 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <1.7 | ug/L | 11.5 | 1.7 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 534-52-1 | |
| 2,4-Dinitrophenol | <4.7 | ug/L | 23.0 | 4.7 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 51-28-5 | |
| 2,4-Dinitrotoluene | <1.8 | ug/L | 11.5 | 1.8 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 121-14-2 | |
| 2,6-Dinitrotoluene | <2.5 | ug/L | 11.5 | 2.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 606-20-2 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-20 **Lab ID: 4032925015** Collected: 06/04/10 09:30 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-----|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <3.5 | ug/L | 11.5 | 3.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <6.0 | ug/L | 11.5 | 6.0 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 117-81-7 | |
| Fluoranthene | 8.8J | ug/L | 11.5 | 2.1 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 206-44-0 | |
| Fluorene | 6.3J | ug/L | 11.5 | 2.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 23.0 | 1.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 87-68-3 | |
| Hexachlorobenzene | <2.6 | ug/L | 11.5 | 2.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 118-74-1 | |
| Hexachlorocyclopentadiene | <2.5 | ug/L | 11.5 | 2.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 77-47-4 | |
| Hexachloroethane | <1.3 | ug/L | 11.5 | 1.3 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <1.5 | ug/L | 11.5 | 1.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 193-39-5 | |
| Isophorone | <3.1 | ug/L | 11.5 | 3.1 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 78-59-1 | |
| 2-Methylnaphthalene | 6.6J | ug/L | 11.5 | 3.1 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <2.2 | ug/L | 11.5 | 2.2 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <1.8 | ug/L | 11.5 | 1.8 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | | |
| Naphthalene | 109 | ug/L | 11.5 | 1.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 91-20-3 | |
| 2-Nitroaniline | <1.9 | ug/L | 11.5 | 1.9 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 88-74-4 | |
| 3-Nitroaniline | <2.2 | ug/L | 11.5 | 2.2 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 99-09-2 | |
| 4-Nitroaniline | <2.5 | ug/L | 11.5 | 2.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 100-01-6 | |
| Nitrobenzene | <3.1 | ug/L | 11.5 | 3.1 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 98-95-3 | |
| 2-Nitrophenol | <3.1 | ug/L | 11.5 | 3.1 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 88-75-5 | |
| 4-Nitrophenol | <2.0 | ug/L | 23.0 | 2.0 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <2.4 | ug/L | 11.5 | 2.4 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 621-64-7 | |
| N-Nitrosodiphenylamine | <5.6 | ug/L | 23.0 | 5.6 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <1.9 | ug/L | 11.5 | 1.9 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 108-60-1 | |
| Pentachlorophenol | <2.5 | ug/L | 23.0 | 2.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 87-86-5 | |
| Phenanthrene | 16.1 | ug/L | 11.5 | 1.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 85-01-8 | |
| Phenol | <2.4 | ug/L | 11.5 | 2.4 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 108-95-2 | |
| Pyrene | 5.0J | ug/L | 11.5 | 3.7 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <2.0 | ug/L | 11.5 | 2.0 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <2.3 | ug/L | 11.5 | 2.3 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <2.5 | ug/L | 11.5 | 2.5 | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 53 | %- | 66-130 | | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 4165-60-0 | S0 |
| 2-Fluorobiphenyl (S) | 79 | %- | 66-130 | | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 321-60-8 | |
| Terphenyl-d14 (S) | 72 | %- | 52-130 | | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 1718-51-0 | |
| Phenol-d6 (S) | 24 | %- | 20-130 | | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 13127-88-3 | |
| 2-Fluorophenol (S) | 43 | %- | 32-130 | | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 82 | %- | 42-130 | | 2 | 06/10/10 07:00 | 06/14/10 13:53 | 118-79-6 | |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|------|------|------|-----|-----|--|----------------|----------|--|
| Benzene | <1.0 | ug/L | 2.5 | 1.0 | 2.5 | | 06/14/10 13:26 | 71-43-2 | |
| Bromobenzene | <2.0 | ug/L | 2.5 | 2.0 | 2.5 | | 06/14/10 13:26 | 108-86-1 | |
| Bromochloromethane | <2.4 | ug/L | 2.5 | 2.4 | 2.5 | | 06/14/10 13:26 | 74-97-5 | |
| Bromodichloromethane | <1.4 | ug/L | 2.5 | 1.4 | 2.5 | | 06/14/10 13:26 | 75-27-4 | |
| Bromoform | <2.4 | ug/L | 2.5 | 2.4 | 2.5 | | 06/14/10 13:26 | 75-25-2 | |
| Bromomethane | <2.3 | ug/L | 2.5 | 2.3 | 2.5 | | 06/14/10 13:26 | 74-83-9 | |
| n-Butylbenzene | <2.3 | ug/L | 2.5 | 2.3 | 2.5 | | 06/14/10 13:26 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 12.5 | 2.2 | 2.5 | | 06/14/10 13:26 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 78 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-20 **Lab ID: 4032925015** Collected: 06/04/10 09:30 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|------|------|-----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <2.4 | ug/L | 2.5 | 2.4 | 2.5 | | 06/14/10 13:26 | 98-06-6 | |
| Carbon tetrachloride | <1.2 | ug/L | 2.5 | 1.2 | 2.5 | | 06/14/10 13:26 | 56-23-5 | |
| Chlorobenzene | <1.0 | ug/L | 2.5 | 1.0 | 2.5 | | 06/14/10 13:26 | 108-90-7 | |
| Chloroethane | <2.4 | ug/L | 2.5 | 2.4 | 2.5 | | 06/14/10 13:26 | 75-00-3 | |
| Chloroform | <3.2 | ug/L | 12.5 | 3.2 | 2.5 | | 06/14/10 13:26 | 67-66-3 | |
| Chloromethane | <0.60 | ug/L | 2.5 | 0.60 | 2.5 | | 06/14/10 13:26 | 74-87-3 | |
| 2-Chlorotoluene | <2.1 | ug/L | 2.5 | 2.1 | 2.5 | | 06/14/10 13:26 | 95-49-8 | |
| 4-Chlorotoluene | <1.8 | ug/L | 2.5 | 1.8 | 2.5 | | 06/14/10 13:26 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <4.2 | ug/L | 12.5 | 4.2 | 2.5 | | 06/14/10 13:26 | 96-12-8 | |
| Dibromochloromethane | <2.0 | ug/L | 2.5 | 2.0 | 2.5 | | 06/14/10 13:26 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <1.4 | ug/L | 2.5 | 1.4 | 2.5 | | 06/14/10 13:26 | 106-93-4 | |
| Dibromomethane | <1.5 | ug/L | 2.5 | 1.5 | 2.5 | | 06/14/10 13:26 | 74-95-3 | |
| 1,2-Dichlorobenzene | <2.1 | ug/L | 2.5 | 2.1 | 2.5 | | 06/14/10 13:26 | 95-50-1 | |
| 1,3-Dichlorobenzene | <2.2 | ug/L | 2.5 | 2.2 | 2.5 | | 06/14/10 13:26 | 541-73-1 | |
| 1,4-Dichlorobenzene | <2.4 | ug/L | 2.5 | 2.4 | 2.5 | | 06/14/10 13:26 | 106-46-7 | |
| Dichlorodifluoromethane | <2.5 | ug/L | 2.5 | 2.5 | 2.5 | | 06/14/10 13:26 | 75-71-8 | |
| 1,1-Dichloroethane | <1.9 | ug/L | 2.5 | 1.9 | 2.5 | | 06/14/10 13:26 | 75-34-3 | |
| 1,2-Dichloroethane | <0.90 | ug/L | 2.5 | 0.90 | 2.5 | | 06/14/10 13:26 | 107-06-2 | |
| 1,1-Dichloroethene | <1.4 | ug/L | 2.5 | 1.4 | 2.5 | | 06/14/10 13:26 | 75-35-4 | |
| cis-1,2-Dichloroethene | <2.1 | ug/L | 2.5 | 2.1 | 2.5 | | 06/14/10 13:26 | 156-59-2 | |
| trans-1,2-Dichloroethene | <2.2 | ug/L | 2.5 | 2.2 | 2.5 | | 06/14/10 13:26 | 156-60-5 | |
| 1,2-Dichloropropane | <1.2 | ug/L | 2.5 | 1.2 | 2.5 | | 06/14/10 13:26 | 78-87-5 | |
| 1,3-Dichloropropane | <1.5 | ug/L | 2.5 | 1.5 | 2.5 | | 06/14/10 13:26 | 142-28-9 | |
| 2,2-Dichloropropane | <1.6 | ug/L | 2.5 | 1.6 | 2.5 | | 06/14/10 13:26 | 594-20-7 | |
| 1,1-Dichloropropene | <1.9 | ug/L | 2.5 | 1.9 | 2.5 | | 06/14/10 13:26 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 2.5 | 0.50 | 2.5 | | 06/14/10 13:26 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.48 | ug/L | 2.5 | 0.48 | 2.5 | | 06/14/10 13:26 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 2.5 | 1.9 | 2.5 | | 06/14/10 13:26 | 108-20-3 | |
| Ethylbenzene | <1.4 | ug/L | 2.5 | 1.4 | 2.5 | | 06/14/10 13:26 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.7 | ug/L | 12.5 | 1.7 | 2.5 | | 06/14/10 13:26 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.5 | ug/L | 2.5 | 1.5 | 2.5 | | 06/14/10 13:26 | 98-82-8 | |
| p-Isopropyltoluene | <1.7 | ug/L | 2.5 | 1.7 | 2.5 | | 06/14/10 13:26 | 99-87-6 | |
| Methylene Chloride | <1.1 | ug/L | 2.5 | 1.1 | 2.5 | | 06/14/10 13:26 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.5 | ug/L | 2.5 | 1.5 | 2.5 | | 06/14/10 13:26 | 1634-04-4 | |
| Naphthalene | 298 | ug/L | 12.5 | 2.2 | 2.5 | | 06/14/10 13:26 | 91-20-3 | |
| n-Propylbenzene | <2.0 | ug/L | 2.5 | 2.0 | 2.5 | | 06/14/10 13:26 | 103-65-1 | |
| Styrene | <2.2 | ug/L | 2.5 | 2.2 | 2.5 | | 06/14/10 13:26 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <2.3 | ug/L | 2.5 | 2.3 | 2.5 | | 06/14/10 13:26 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.50 | ug/L | 2.5 | 0.50 | 2.5 | | 06/14/10 13:26 | 79-34-5 | |
| Tetrachloroethene | <1.1 | ug/L | 2.5 | 1.1 | 2.5 | | 06/14/10 13:26 | 127-18-4 | |
| Toluene | <1.7 | ug/L | 2.5 | 1.7 | 2.5 | | 06/14/10 13:26 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <1.8 | ug/L | 2.5 | 1.8 | 2.5 | | 06/14/10 13:26 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.4 | ug/L | 2.5 | 2.4 | 2.5 | | 06/14/10 13:26 | 120-82-1 | |
| 1,1,1-Trichloroethane | <2.2 | ug/L | 2.5 | 2.2 | 2.5 | | 06/14/10 13:26 | 71-55-6 | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | 2.5 | 1.0 | 2.5 | | 06/14/10 13:26 | 79-00-5 | |
| Trichloroethene | <1.2 | ug/L | 2.5 | 1.2 | 2.5 | | 06/14/10 13:26 | 79-01-6 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: MW-20 **Lab ID: 4032925015** Collected: 06/04/10 09:30 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|-----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <2.0 | ug/L | 2.5 | 2.0 | 2.5 | | 06/14/10 13:26 | 75-69-4 | |
| 1,2,3-Trichloropropane | <2.5 | ug/L | 2.5 | 2.5 | 2.5 | | 06/14/10 13:26 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <2.4 | ug/L | 2.5 | 2.4 | 2.5 | | 06/14/10 13:26 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <2.1 | ug/L | 2.5 | 2.1 | 2.5 | | 06/14/10 13:26 | 108-67-8 | |
| Vinyl chloride | <0.45 | ug/L | 2.5 | 0.45 | 2.5 | | 06/14/10 13:26 | 75-01-4 | |
| m&p-Xylene | <4.5 | ug/L | 5.0 | 4.5 | 2.5 | | 06/14/10 13:26 | 179601-23-1 | |
| o-Xylene | <2.1 | ug/L | 2.5 | 2.1 | 2.5 | | 06/14/10 13:26 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 95 %- | | 69-130 | | 2.5 | | 06/14/10 13:26 | 460-00-4 | |
| Dibromofluoromethane (S) | 95 %- | | 70-134 | | 2.5 | | 06/14/10 13:26 | 1868-53-7 | |
| Toluene-d8 (S) | 103 %- | | 70-130 | | 2.5 | | 06/14/10 13:26 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:22 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-1 Lab ID: 4032925016 Collected: 06/04/10 10:15 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | |
| Arsenic, Dissolved | <0.55 | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 17:08 | 7440-38-2 | B |
| Barium, Dissolved | 41.8 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 17:08 | 7440-39-3 | |
| Cadmium, Dissolved | <0.26 | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 17:08 | 7440-43-9 | |
| Chromium, Dissolved | 0.79J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 17:08 | 7440-47-3 | B |
| Lead, Dissolved | <1.4 | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 17:08 | 7439-92-1 | |
| Selenium, Dissolved | 3.1J | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 17:08 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 17:08 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:17 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| Acenaphthene | <1.1 | ug/L | 6.0 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 83-32-9 | |
| Acenaphthylene | <1.2 | ug/L | 6.0 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 208-96-8 | |
| Anthracene | <0.75 | ug/L | 6.0 | 0.75 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 120-12-7 | |
| Benzo(a)anthracene | <0.74 | ug/L | 6.0 | 0.74 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 56-55-3 | |
| Benzo(a)pyrene | <1.2 | ug/L | 6.0 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.7 | ug/L | 6.0 | 1.7 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.93 | ug/L | 6.0 | 0.93 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.2 | ug/L | 6.0 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <1.6 | ug/L | 6.0 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 101-55-3 | |
| Butylbenzylphthalate | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 85-68-7 | |
| Carbazole | <0.84 | ug/L | 6.0 | 0.84 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.2 | ug/L | 6.0 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 59-50-7 | |
| 4-Chloroaniline | <0.98 | ug/L | 6.0 | 0.98 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.4 | ug/L | 6.0 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.79 | ug/L | 6.0 | 0.79 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 111-44-4 | |
| 2-Chloronaphthalene | <1.0 | ug/L | 6.0 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 91-58-7 | |
| 2-Chlorophenol | <0.85 | ug/L | 6.0 | 0.85 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.4 | ug/L | 6.0 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 7005-72-3 | |
| Chrysene | <0.94 | ug/L | 6.0 | 0.94 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.7 | ug/L | 6.0 | 1.7 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 53-70-3 | |
| Dibenzofuran | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.85 | ug/L | 6.0 | 0.85 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 95-50-1 | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 6.0 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 541-73-1 | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 6.0 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.4 | ug/L | 6.0 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 120-83-2 | |
| Diethylphthalate | <1.6 | ug/L | 6.0 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 84-66-2 | |
| 2,4-Dimethylphenol | 18.8 | ug/L | 6.0 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 105-67-9 | |
| Dimethylphthalate | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 131-11-3 | |
| Di-n-butylphthalate | <1.1 | ug/L | 6.0 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.90 | ug/L | 6.0 | 0.90 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.5 | ug/L | 12.0 | 2.5 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.97 | ug/L | 6.0 | 0.97 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 606-20-2 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 81 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-1 **Lab ID: 4032925016** Collected: 06/04/10 10:15 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <1.8 | ug/L | 6.0 | 1.8 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <3.1 | ug/L | 6.0 | 3.1 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 117-81-7 | |
| Fluoranthene | 1.1J | ug/L | 6.0 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 206-44-0 | |
| Fluorene | <1.4 | ug/L | 6.0 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.79 | ug/L | 12.0 | 0.79 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 87-68-3 | |
| Hexachlorobenzene | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 77-47-4 | |
| Hexachloroethane | <0.70 | ug/L | 6.0 | 0.70 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.81 | ug/L | 6.0 | 0.81 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 193-39-5 | |
| Isophorone | <1.6 | ug/L | 6.0 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 78-59-1 | |
| 2-Methylnaphthalene | 1.8J | ug/L | 6.0 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | 13.3 | ug/L | 6.0 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 29.0 | ug/L | 6.0 | 0.92 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | | |
| Naphthalene | 11.7 | ug/L | 6.0 | 0.85 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 91-20-3 | |
| 2-Nitroaniline | <1.0 | ug/L | 6.0 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 88-74-4 | |
| 3-Nitroaniline | <1.2 | ug/L | 6.0 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 99-09-2 | |
| 4-Nitroaniline | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 100-01-6 | |
| Nitrobenzene | <1.6 | ug/L | 6.0 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 98-95-3 | |
| 2-Nitrophenol | <1.6 | ug/L | 6.0 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 88-75-5 | |
| 4-Nitrophenol | <1.1 | ug/L | 12.0 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 621-64-7 | |
| N-Nitrosodiphenylamine | <3.0 | ug/L | 12.0 | 3.0 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.99 | ug/L | 6.0 | 0.99 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 108-60-1 | |
| Pentachlorophenol | <1.3 | ug/L | 12.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 87-86-5 | |
| Phenanthrene | 1.5J | ug/L | 6.0 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 85-01-8 | |
| Phenol | 8.2 | ug/L | 6.0 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 108-95-2 | |
| Pyrene | <1.9 | ug/L | 6.0 | 1.9 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <1.0 | ug/L | 6.0 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.2 | ug/L | 6.0 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.3 | ug/L | 6.0 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 78 | %- | 66-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 94 | %- | 66-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 321-60-8 | |
| Terphenyl-d14 (S) | 86 | %- | 52-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 1718-51-0 | |
| Phenol-d6 (S) | 38 | %- | 20-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 13127-88-3 | |
| 2-Fluorophenol (S) | 59 | %- | 32-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 120 | %- | 42-130 | | 1 | 06/10/10 07:00 | 06/14/10 20:53 | 118-79-6 | |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|-------|------|-----|------|---|--|----------------|----------|--|
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/10/10 17:54 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 06/10/10 17:54 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 17:54 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/10/10 17:54 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 06/10/10 17:54 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 06/10/10 17:54 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 06/10/10 17:54 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/10/10 17:54 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 82 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-1 **Lab ID: 4032925016** Collected: 06/04/10 10:15 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 17:54 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/10/10 17:54 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/10/10 17:54 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 17:54 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 06/10/10 17:54 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 06/10/10 17:54 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 06/10/10 17:54 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/10/10 17:54 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 06/10/10 17:54 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/10/10 17:54 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/10/10 17:54 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 06/10/10 17:54 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 17:54 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 06/10/10 17:54 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 06/10/10 17:54 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/10/10 17:54 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/10/10 17:54 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 06/10/10 17:54 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 06/10/10 17:54 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 17:54 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 06/10/10 17:54 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/10/10 17:54 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/10/10 17:54 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 06/10/10 17:54 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/10/10 17:54 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/10/10 17:54 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 06/10/10 17:54 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 06/10/10 17:54 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 06/10/10 17:54 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 06/10/10 17:54 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 06/10/10 17:54 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/10/10 17:54 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 06/10/10 17:54 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/10/10 17:54 | 1634-04-4 | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/10/10 17:54 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/10/10 17:54 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 06/10/10 17:54 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 06/10/10 17:54 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/10/10 17:54 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 06/10/10 17:54 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/10/10 17:54 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/10/10 17:54 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 17:54 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 06/10/10 17:54 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 06/10/10 17:54 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 06/10/10 17:54 | 79-01-6 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-1 **Lab ID: 4032925016** Collected: 06/04/10 10:15 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 06/10/10 17:54 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/10/10 17:54 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/10/10 17:54 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 17:54 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 06/10/10 17:54 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 06/10/10 17:54 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/10/10 17:54 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 86 | %- | 69-130 | | 1 | | 06/10/10 17:54 | 460-00-4 | |
| Dibromofluoromethane (S) | 98 | %- | 70-134 | | 1 | | 06/10/10 17:54 | 1868-53-7 | |
| Toluene-d8 (S) | 99 | %- | 70-130 | | 1 | | 06/10/10 17:54 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:23 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-2 Lab ID: 4032925017 Collected: 06/04/10 11:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | |
| Arsenic, Dissolved | 3.2J | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 17:12 | 7440-38-2 | |
| Barium, Dissolved | 64.3 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 17:12 | 7440-39-3 | |
| Cadmium, Dissolved | 0.29J | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 17:12 | 7440-43-9 | |
| Chromium, Dissolved | 0.56J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 17:12 | 7440-47-3 | |
| Lead, Dissolved | 1.5J | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 17:12 | 7439-92-1 | |
| Selenium, Dissolved | <2.1 | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 17:12 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 17:12 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:19 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| Acenaphthene | <1.0 | ug/L | 5.4 | 1.0 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 83-32-9 | |
| Acenaphthylene | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 208-96-8 | |
| Anthracene | <0.68 | ug/L | 5.4 | 0.68 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 120-12-7 | |
| Benzo(a)anthracene | <0.67 | ug/L | 5.4 | 0.67 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 56-55-3 | |
| Benzo(a)pyrene | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.6 | ug/L | 5.4 | 1.6 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.84 | ug/L | 5.4 | 0.84 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <1.4 | ug/L | 5.4 | 1.4 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 101-55-3 | |
| Butylbenzylphthalate | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 85-68-7 | |
| Carbazole | <0.76 | ug/L | 5.4 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 59-50-7 | |
| 4-Chloroaniline | <0.88 | ug/L | 5.4 | 0.88 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.3 | ug/L | 5.4 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.72 | ug/L | 5.4 | 0.72 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 111-44-4 | |
| 2-Chloronaphthalene | <0.92 | ug/L | 5.4 | 0.92 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 91-58-7 | |
| 2-Chlorophenol | <0.76 | ug/L | 5.4 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.3 | ug/L | 5.4 | 1.3 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 7005-72-3 | |
| Chrysene | <0.85 | ug/L | 5.4 | 0.85 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.77 | ug/L | 5.4 | 0.77 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.90 | ug/L | 5.4 | 0.90 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.93 | ug/L | 5.4 | 0.93 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 120-83-2 | |
| Diethylphthalate | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 131-11-3 | |
| Di-n-butylphthalate | <0.97 | ug/L | 5.4 | 0.97 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.81 | ug/L | 5.4 | 0.81 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.2 | ug/L | 10.9 | 2.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.87 | ug/L | 5.4 | 0.87 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 606-20-2 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 85 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-2 **Lab ID: 4032925017** Collected: 06/04/10 11:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <1.7 | ug/L | 5.4 | 1.7 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.8 | ug/L | 5.4 | 2.8 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 117-81-7 | |
| Fluoranthene | <0.99 | ug/L | 5.4 | 0.99 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.72 | ug/L | 10.9 | 0.72 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 87-68-3 | |
| Hexachlorobenzene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 77-47-4 | |
| Hexachloroethane | <0.63 | ug/L | 5.4 | 0.63 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.73 | ug/L | 5.4 | 0.73 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 193-39-5 | |
| Isophorone | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 78-59-1 | |
| 2-Methylnaphthalene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 0.92J | ug/L | 5.4 | 0.83 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | | |
| Naphthalene | <0.76 | ug/L | 5.4 | 0.76 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 91-20-3 | |
| 2-Nitroaniline | <0.91 | ug/L | 5.4 | 0.91 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 88-74-4 | |
| 3-Nitroaniline | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 99-09-2 | |
| 4-Nitroaniline | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 100-01-6 | |
| Nitrobenzene | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 98-95-3 | |
| 2-Nitrophenol | <1.5 | ug/L | 5.4 | 1.5 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 88-75-5 | |
| 4-Nitrophenol | <0.95 | ug/L | 10.9 | 0.95 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.7 | ug/L | 10.9 | 2.7 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.89 | ug/L | 5.4 | 0.89 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 108-60-1 | |
| Pentachlorophenol | <1.2 | ug/L | 10.9 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 87-86-5 | |
| Phenanthrene | <0.69 | ug/L | 5.4 | 0.69 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 108-95-2 | |
| Pyrene | <1.7 | ug/L | 5.4 | 1.7 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.94 | ug/L | 5.4 | 0.94 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.1 | ug/L | 5.4 | 1.1 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.2 | ug/L | 5.4 | 1.2 | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 69 | %- | 66-130 | | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 94 | %- | 66-130 | | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 321-60-8 | |
| Terphenyl-d14 (S) | 87 | %- | 52-130 | | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 1718-51-0 | |
| Phenol-d6 (S) | 32 | %- | 20-130 | | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 13127-88-3 | |
| 2-Fluorophenol (S) | 56 | %- | 32-130 | | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 116 | %- | 42-130 | | 1 | 06/10/10 07:00 | 06/14/10 21:25 | 118-79-6 | |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|-------|------|-----|------|---|--|----------------|----------|--|
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/14/10 12:41 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 06/14/10 12:41 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/14/10 12:41 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/14/10 12:41 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 06/14/10 12:41 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 06/14/10 12:41 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 06/14/10 12:41 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/14/10 12:41 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 86 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-2 **Lab ID: 4032925017** Collected: 06/04/10 11:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/14/10 12:41 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/14/10 12:41 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/14/10 12:41 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/14/10 12:41 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 06/14/10 12:41 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 06/14/10 12:41 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 06/14/10 12:41 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/14/10 12:41 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 06/14/10 12:41 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/14/10 12:41 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/14/10 12:41 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 06/14/10 12:41 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/14/10 12:41 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 06/14/10 12:41 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 06/14/10 12:41 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/14/10 12:41 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/14/10 12:41 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 06/14/10 12:41 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 06/14/10 12:41 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/14/10 12:41 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 06/14/10 12:41 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/14/10 12:41 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/14/10 12:41 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 06/14/10 12:41 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/14/10 12:41 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/14/10 12:41 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 06/14/10 12:41 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 06/14/10 12:41 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 06/14/10 12:41 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 06/14/10 12:41 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 06/14/10 12:41 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/14/10 12:41 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 06/14/10 12:41 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/14/10 12:41 | 1634-04-4 | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/14/10 12:41 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/14/10 12:41 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 06/14/10 12:41 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 06/14/10 12:41 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/14/10 12:41 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 06/14/10 12:41 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/14/10 12:41 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/14/10 12:41 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/14/10 12:41 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 06/14/10 12:41 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 06/14/10 12:41 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 06/14/10 12:41 | 79-01-6 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 87 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-2 **Lab ID: 4032925017** Collected: 06/04/10 11:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 06/14/10 12:41 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/14/10 12:41 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/14/10 12:41 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/14/10 12:41 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 06/14/10 12:41 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 06/14/10 12:41 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/14/10 12:41 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 95 | %- | 69-130 | | 1 | | 06/14/10 12:41 | 460-00-4 | |
| Dibromofluoromethane (S) | 94 | %- | 70-134 | | 1 | | 06/14/10 12:41 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | %- | 70-130 | | 1 | | 06/14/10 12:41 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:24 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-8 Lab ID: 4032925018 Collected: 06/04/10 12:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | | | |
| Arsenic, Dissolved | 24.4 | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 17:17 | 7440-38-2 | |
| Barium, Dissolved | 109 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 17:17 | 7440-39-3 | |
| Cadmium, Dissolved | 0.34J | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 17:17 | 7440-43-9 | |
| Chromium, Dissolved | 0.86J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 17:17 | 7440-47-3 | |
| Lead, Dissolved | 1.4J | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 17:17 | 7439-92-1 | |
| Selenium, Dissolved | 2.8J | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 17:17 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 17:17 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:20 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <1080 | ug/L | 5680 | 1080 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 83-32-9 | |
| Acenaphthylene | <1130 | ug/L | 5680 | 1130 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 208-96-8 | |
| Anthracene | <711 | ug/L | 5680 | 711 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 120-12-7 | |
| Benzo(a)anthracene | <696 | ug/L | 5680 | 696 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 56-55-3 | |
| Benzo(a)pyrene | <1100 | ug/L | 5680 | 1100 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 50-32-8 | |
| Benzo(b)fluoranthene | <1640 | ug/L | 5680 | 1640 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 205-99-2 | |
| Benzo(g,h,i)perylene | <875 | ug/L | 5680 | 875 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 191-24-2 | |
| Benzo(k)fluoranthene | <1160 | ug/L | 5680 | 1160 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <1480 | ug/L | 5680 | 1480 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 101-55-3 | |
| Butylbenzylphthalate | <1230 | ug/L | 5680 | 1230 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 85-68-7 | |
| Carbazole | <790 | ug/L | 5680 | 790 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1150 | ug/L | 5680 | 1150 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 59-50-7 | |
| 4-Chloroaniline | <920 | ug/L | 5680 | 920 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1360 | ug/L | 5680 | 1360 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <748 | ug/L | 5680 | 748 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 111-44-4 | |
| 2-Chloronaphthalene | <958 | ug/L | 5680 | 958 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 91-58-7 | |
| 2-Chlorophenol | <797 | ug/L | 5680 | 797 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1350 | ug/L | 5680 | 1350 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 7005-72-3 | |
| Chrysene | <886 | ug/L | 5680 | 886 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1570 | ug/L | 5680 | 1570 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 53-70-3 | |
| Dibenzofuran | <1200 | ug/L | 5680 | 1200 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 132-64-9 | |
| 1,2-Dichlorobenzene | <804 | ug/L | 5680 | 804 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 95-50-1 | |
| 1,3-Dichlorobenzene | <939 | ug/L | 5680 | 939 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 541-73-1 | |
| 1,4-Dichlorobenzene | <977 | ug/L | 5680 | 977 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1260 | ug/L | 5680 | 1260 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 91-94-1 | |
| 2,4-Dichlorophenol | <1300 | ug/L | 5680 | 1300 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 120-83-2 | |
| Diethylphthalate | <1530 | ug/L | 5680 | 1530 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 84-66-2 | |
| 2,4-Dimethylphenol | 19200 | ug/L | 5680 | 1280 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 105-67-9 | |
| Dimethylphthalate | <1190 | ug/L | 5680 | 1190 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 131-11-3 | |
| Di-n-butylphthalate | <1020 | ug/L | 5680 | 1020 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <847 | ug/L | 5680 | 847 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 534-52-1 | |
| 2,4-Dinitrophenol | <2340 | ug/L | 11400 | 2340 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 51-28-5 | |
| 2,4-Dinitrotoluene | <914 | ug/L | 5680 | 914 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1220 | ug/L | 5680 | 1220 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 606-20-2 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 89 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-8 **Lab ID: 4032925018** Collected: 06/04/10 12:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|-----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <1730 | ug/L | 5680 | 1730 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2950 | ug/L | 5680 | 2950 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 117-81-7 | |
| Fluoranthene | <1040 | ug/L | 5680 | 1040 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 206-44-0 | |
| Fluorene | <1300 | ug/L | 5680 | 1300 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <749 | ug/L | 11400 | 749 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 87-68-3 | |
| Hexachlorobenzene | <1260 | ug/L | 5680 | 1260 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1240 | ug/L | 5680 | 1240 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 77-47-4 | |
| Hexachloroethane | <662 | ug/L | 5680 | 662 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <759 | ug/L | 5680 | 759 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 193-39-5 | |
| Isophorone | <1550 | ug/L | 5680 | 1550 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 78-59-1 | |
| 2-Methylnaphthalene | 2020J | ug/L | 5680 | 1540 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | 13900 | ug/L | 5680 | 1110 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 28300 | ug/L | 5680 | 872 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | | |
| Naphthalene | 19700 | ug/L | 5680 | 799 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 91-20-3 | |
| 2-Nitroaniline | <950 | ug/L | 5680 | 950 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 88-74-4 | |
| 3-Nitroaniline | <1100 | ug/L | 5680 | 1100 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 99-09-2 | |
| 4-Nitroaniline | <1250 | ug/L | 5680 | 1250 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 100-01-6 | |
| Nitrobenzene | <1550 | ug/L | 5680 | 1550 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 98-95-3 | |
| 2-Nitrophenol | <1550 | ug/L | 5680 | 1550 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 88-75-5 | |
| 4-Nitrophenol | <993 | ug/L | 11400 | 993 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1210 | ug/L | 5680 | 1210 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2790 | ug/L | 11400 | 2790 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <935 | ug/L | 5680 | 935 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 108-60-1 | |
| Pentachlorophenol | <1220 | ug/L | 11400 | 1220 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 87-86-5 | |
| Phenanthrene | 1440J | ug/L | 5680 | 720 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 85-01-8 | |
| Phenol | 8370 | ug/L | 5680 | 1180 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 108-95-2 | |
| Pyrene | <1830 | ug/L | 5680 | 1830 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <988 | ug/L | 5680 | 988 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1130 | ug/L | 5680 | 1130 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1210 | ug/L | 5680 | 1210 | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 | %- | 66-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 | %- | 66-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 | %- | 52-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 | %- | 20-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 | %- | 32-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 | %- | 42-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:25 | 118-79-6 | S4 |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|-------|------|-----|------|-----|--|----------------|----------|--|
| Benzene | 13500 | ug/L | 125 | 51.2 | 125 | | 06/09/10 18:06 | 71-43-2 | |
| Bromobenzene | <102 | ug/L | 125 | 102 | 125 | | 06/09/10 18:06 | 108-86-1 | |
| Bromochloromethane | <121 | ug/L | 125 | 121 | 125 | | 06/09/10 18:06 | 74-97-5 | |
| Bromodichloromethane | <70.0 | ug/L | 125 | 70.0 | 125 | | 06/09/10 18:06 | 75-27-4 | |
| Bromoform | <118 | ug/L | 125 | 118 | 125 | | 06/09/10 18:06 | 75-25-2 | |
| Bromomethane | <114 | ug/L | 125 | 114 | 125 | | 06/09/10 18:06 | 74-83-9 | |
| n-Butylbenzene | <116 | ug/L | 125 | 116 | 125 | | 06/09/10 18:06 | 104-51-8 | |
| sec-Butylbenzene | <111 | ug/L | 625 | 111 | 125 | | 06/09/10 18:06 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 90 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: MW-8 **Lab ID: 4032925018** Collected: 06/04/10 12:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|-----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <121 | ug/L | 125 | 121 | 125 | | 06/09/10 18:06 | 98-06-6 | |
| Carbon tetrachloride | <61.2 | ug/L | 125 | 61.2 | 125 | | 06/09/10 18:06 | 56-23-5 | |
| Chlorobenzene | <51.2 | ug/L | 125 | 51.2 | 125 | | 06/09/10 18:06 | 108-90-7 | |
| Chloroethane | <121 | ug/L | 125 | 121 | 125 | | 06/09/10 18:06 | 75-00-3 | |
| Chloroform | <162 | ug/L | 625 | 162 | 125 | | 06/09/10 18:06 | 67-66-3 | |
| Chloromethane | <30.0 | ug/L | 125 | 30.0 | 125 | | 06/09/10 18:06 | 74-87-3 | |
| 2-Chlorotoluene | <106 | ug/L | 125 | 106 | 125 | | 06/09/10 18:06 | 95-49-8 | |
| 4-Chlorotoluene | <92.5 | ug/L | 125 | 92.5 | 125 | | 06/09/10 18:06 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <210 | ug/L | 625 | 210 | 125 | | 06/09/10 18:06 | 96-12-8 | |
| Dibromochloromethane | <101 | ug/L | 125 | 101 | 125 | | 06/09/10 18:06 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <70.0 | ug/L | 125 | 70.0 | 125 | | 06/09/10 18:06 | 106-93-4 | |
| Dibromomethane | <75.0 | ug/L | 125 | 75.0 | 125 | | 06/09/10 18:06 | 74-95-3 | |
| 1,2-Dichlorobenzene | <104 | ug/L | 125 | 104 | 125 | | 06/09/10 18:06 | 95-50-1 | |
| 1,3-Dichlorobenzene | <109 | ug/L | 125 | 109 | 125 | | 06/09/10 18:06 | 541-73-1 | |
| 1,4-Dichlorobenzene | <119 | ug/L | 125 | 119 | 125 | | 06/09/10 18:06 | 106-46-7 | |
| Dichlorodifluoromethane | <124 | ug/L | 125 | 124 | 125 | | 06/09/10 18:06 | 75-71-8 | |
| 1,1-Dichloroethane | <93.8 | ug/L | 125 | 93.8 | 125 | | 06/09/10 18:06 | 75-34-3 | |
| 1,2-Dichloroethane | <45.0 | ug/L | 125 | 45.0 | 125 | | 06/09/10 18:06 | 107-06-2 | |
| 1,1-Dichloroethene | <71.2 | ug/L | 125 | 71.2 | 125 | | 06/09/10 18:06 | 75-35-4 | |
| cis-1,2-Dichloroethene | <104 | ug/L | 125 | 104 | 125 | | 06/09/10 18:06 | 156-59-2 | |
| trans-1,2-Dichloroethene | <111 | ug/L | 125 | 111 | 125 | | 06/09/10 18:06 | 156-60-5 | |
| 1,2-Dichloropropane | <61.2 | ug/L | 125 | 61.2 | 125 | | 06/09/10 18:06 | 78-87-5 | |
| 1,3-Dichloropropane | <76.2 | ug/L | 125 | 76.2 | 125 | | 06/09/10 18:06 | 142-28-9 | |
| 2,2-Dichloropropane | <77.5 | ug/L | 125 | 77.5 | 125 | | 06/09/10 18:06 | 594-20-7 | |
| 1,1-Dichloropropene | <93.8 | ug/L | 125 | 93.8 | 125 | | 06/09/10 18:06 | 563-58-6 | |
| cis-1,3-Dichloropropene | <25.0 | ug/L | 125 | 25.0 | 125 | | 06/09/10 18:06 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <23.8 | ug/L | 125 | 23.8 | 125 | | 06/09/10 18:06 | 10061-02-6 | |
| Diisopropyl ether | <95.0 | ug/L | 125 | 95.0 | 125 | | 06/09/10 18:06 | 108-20-3 | |
| Ethylbenzene | 644 | ug/L | 125 | 67.5 | 125 | | 06/09/10 18:06 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <83.8 | ug/L | 625 | 83.8 | 125 | | 06/09/10 18:06 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <73.8 | ug/L | 125 | 73.8 | 125 | | 06/09/10 18:06 | 98-82-8 | |
| p-Isopropyltoluene | <83.8 | ug/L | 125 | 83.8 | 125 | | 06/09/10 18:06 | 99-87-6 | |
| Methylene Chloride | <53.8 | ug/L | 125 | 53.8 | 125 | | 06/09/10 18:06 | 75-09-2 | |
| Methyl-tert-butyl ether | <76.2 | ug/L | 125 | 76.2 | 125 | | 06/09/10 18:06 | 1634-04-4 | |
| Naphthalene | 16400 | ug/L | 625 | 111 | 125 | | 06/09/10 18:06 | 91-20-3 | |
| n-Propylbenzene | <101 | ug/L | 125 | 101 | 125 | | 06/09/10 18:06 | 103-65-1 | |
| Styrene | 468 | ug/L | 125 | 108 | 125 | | 06/09/10 18:06 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <115 | ug/L | 125 | 115 | 125 | | 06/09/10 18:06 | 630-20-6 | |
| 1,1,1,2,2-Tetrachloroethane | <25.0 | ug/L | 125 | 25.0 | 125 | | 06/09/10 18:06 | 79-34-5 | |
| Tetrachloroethene | <56.2 | ug/L | 125 | 56.2 | 125 | | 06/09/10 18:06 | 127-18-4 | |
| Toluene | 7290 | ug/L | 125 | 83.8 | 125 | | 06/09/10 18:06 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <92.5 | ug/L | 125 | 92.5 | 125 | | 06/09/10 18:06 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <121 | ug/L | 125 | 121 | 125 | | 06/09/10 18:06 | 120-82-1 | |
| 1,1,1-Trichloroethane | <112 | ug/L | 125 | 112 | 125 | | 06/09/10 18:06 | 71-55-6 | |
| 1,1,2-Trichloroethane | <52.5 | ug/L | 125 | 52.5 | 125 | | 06/09/10 18:06 | 79-00-5 | |
| Trichloroethene | <60.0 | ug/L | 125 | 60.0 | 125 | | 06/09/10 18:06 | 79-01-6 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: MW-8 **Lab ID: 4032925018** Collected: 06/04/10 12:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|-----------------|------------------------------|--------|--------|-----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <98.8 | ug/L | 125 | 98.8 | 125 | | 06/09/10 18:06 | 75-69-4 | |
| 1,2,3-Trichloropropane | <124 | ug/L | 125 | 124 | 125 | | 06/09/10 18:06 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 289 | ug/L | 125 | 121 | 125 | | 06/09/10 18:06 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 163 | ug/L | 125 | 104 | 125 | | 06/09/10 18:06 | 108-67-8 | |
| Vinyl chloride | <22.5 | ug/L | 125 | 22.5 | 125 | | 06/09/10 18:06 | 75-01-4 | |
| m&p-Xylene | 2620 | ug/L | 250 | 225 | 125 | | 06/09/10 18:06 | 179601-23-1 | |
| o-Xylene | 879 | ug/L | 125 | 104 | 125 | | 06/09/10 18:06 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 91 | %- | 69-130 | | 125 | | 06/09/10 18:06 | 460-00-4 | |
| Dibromofluoromethane (S) | 100 | %- | 70-134 | | 125 | | 06/09/10 18:06 | 1868-53-7 | |
| Toluene-d8 (S) | 95 | %- | 70-130 | | 125 | | 06/09/10 18:06 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | 0.0075J | mg/L | 0.020 | 0.0061 | 1 | | 06/15/10 17:28 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: GW DUP-01 **Lab ID: 4032925019** Collected: 06/04/10 00:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|------|------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | | | |
| Arsenic, Dissolved | 24.7 | ug/L | 20.0 | 0.55 | 1 | 06/11/10 07:10 | 06/14/10 17:21 | 7440-38-2 | |
| Barium, Dissolved | 106 | ug/L | 5.0 | 0.27 | 1 | 06/11/10 07:10 | 06/14/10 17:21 | 7440-39-3 | |
| Cadmium, Dissolved | 0.29J | ug/L | 5.0 | 0.26 | 1 | 06/11/10 07:10 | 06/14/10 17:21 | 7440-43-9 | |
| Chromium, Dissolved | 0.71J | ug/L | 5.0 | 0.44 | 1 | 06/11/10 07:10 | 06/14/10 17:21 | 7440-47-3 | B |
| Lead, Dissolved | 2.6J | ug/L | 7.5 | 1.4 | 1 | 06/11/10 07:10 | 06/14/10 17:21 | 7439-92-1 | |
| Selenium, Dissolved | 3.7J | ug/L | 20.0 | 2.1 | 1 | 06/11/10 07:10 | 06/14/10 17:21 | 7782-49-2 | |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/11/10 07:10 | 06/14/10 17:21 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:21 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <896 | ug/L | 4710 | 896 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 83-32-9 | |
| Acenaphthylene | <937 | ug/L | 4710 | 937 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 208-96-8 | |
| Anthracene | <589 | ug/L | 4710 | 589 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 120-12-7 | |
| Benzo(a)anthracene | <576 | ug/L | 4710 | 576 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 56-55-3 | |
| Benzo(a)pyrene | <911 | ug/L | 4710 | 911 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 50-32-8 | |
| Benzo(b)fluoranthene | <1360 | ug/L | 4710 | 1360 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 205-99-2 | |
| Benzo(g,h,i)perylene | <725 | ug/L | 4710 | 725 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 191-24-2 | |
| Benzo(k)fluoranthene | <964 | ug/L | 4710 | 964 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 207-08-9 | L1 |
| 4-Bromophenylphenyl ether | <1220 | ug/L | 4710 | 1220 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 101-55-3 | |
| Butylbenzylphthalate | <1020 | ug/L | 4710 | 1020 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 85-68-7 | |
| Carbazole | <654 | ug/L | 4710 | 654 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <949 | ug/L | 4710 | 949 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 59-50-7 | |
| 4-Chloroaniline | <762 | ug/L | 4710 | 762 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1120 | ug/L | 4710 | 1120 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <619 | ug/L | 4710 | 619 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 111-44-4 | |
| 2-Chloronaphthalene | <794 | ug/L | 4710 | 794 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 91-58-7 | |
| 2-Chlorophenol | <660 | ug/L | 4710 | 660 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1120 | ug/L | 4710 | 1120 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 7005-72-3 | |
| Chrysene | <734 | ug/L | 4710 | 734 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1300 | ug/L | 4710 | 1300 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 53-70-3 | |
| Dibenzofuran | <996 | ug/L | 4710 | 996 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 132-64-9 | |
| 1,2-Dichlorobenzene | <666 | ug/L | 4710 | 666 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 95-50-1 | |
| 1,3-Dichlorobenzene | <778 | ug/L | 4710 | 778 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 541-73-1 | |
| 1,4-Dichlorobenzene | <809 | ug/L | 4710 | 809 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1050 | ug/L | 4710 | 1050 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 91-94-1 | |
| 2,4-Dichlorophenol | <1080 | ug/L | 4710 | 1080 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 120-83-2 | |
| Diethylphthalate | <1270 | ug/L | 4710 | 1270 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 84-66-2 | |
| 2,4-Dimethylphenol | 19800 | ug/L | 4710 | 1060 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 105-67-9 | |
| Dimethylphthalate | <983 | ug/L | 4710 | 983 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 131-11-3 | |
| Di-n-butylphthalate | <843 | ug/L | 4710 | 843 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <701 | ug/L | 4710 | 701 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 534-52-1 | |
| 2,4-Dinitrophenol | <1930 | ug/L | 9410 | 1930 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 51-28-5 | |
| 2,4-Dinitrotoluene | <757 | ug/L | 4710 | 757 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1010 | ug/L | 4710 | 1010 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 606-20-2 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 93 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: **GW DUP-01** Lab ID: **4032925019** Collected: 06/04/10 00:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|-----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <1440 | ug/L | 4710 | 1440 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2440 | ug/L | 4710 | 2440 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 117-81-7 | |
| Fluoranthene | <859 | ug/L | 4710 | 859 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 206-44-0 | |
| Fluorene | <1070 | ug/L | 4710 | 1070 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <620 | ug/L | 9410 | 620 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 87-68-3 | |
| Hexachlorobenzene | <1050 | ug/L | 4710 | 1050 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1030 | ug/L | 4710 | 1030 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 77-47-4 | |
| Hexachloroethane | <548 | ug/L | 4710 | 548 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <629 | ug/L | 4710 | 629 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 193-39-5 | |
| Isophorone | <1290 | ug/L | 4710 | 1290 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 78-59-1 | |
| 2-Methylnaphthalene | 1350J | ug/L | 4710 | 1270 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | 16400 | ug/L | 4710 | 916 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 32100 | ug/L | 4710 | 722 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | | |
| Naphthalene | 18000 | ug/L | 4710 | 662 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 91-20-3 | |
| 2-Nitroaniline | <787 | ug/L | 4710 | 787 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 88-74-4 | |
| 3-Nitroaniline | <910 | ug/L | 4710 | 910 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 99-09-2 | |
| 4-Nitroaniline | <1030 | ug/L | 4710 | 1030 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 100-01-6 | |
| Nitrobenzene | <1280 | ug/L | 4710 | 1280 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 98-95-3 | |
| 2-Nitrophenol | <1280 | ug/L | 4710 | 1280 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 88-75-5 | |
| 4-Nitrophenol | <823 | ug/L | 9410 | 823 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1000 | ug/L | 4710 | 1000 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2310 | ug/L | 9410 | 2310 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <774 | ug/L | 4710 | 774 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 108-60-1 | |
| Pentachlorophenol | <1010 | ug/L | 9410 | 1010 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 87-86-5 | |
| Phenanthrene | 628J | ug/L | 4710 | 596 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 85-01-8 | |
| Phenol | 9970 | ug/L | 4710 | 973 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 108-95-2 | |
| Pyrene | <1510 | ug/L | 4710 | 1510 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <818 | ug/L | 4710 | 818 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <939 | ug/L | 4710 | 939 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1010 | ug/L | 4710 | 1010 | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 66-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 66-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 52-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 20-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 32-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 42-130 | | 200 | 06/10/10 07:00 | 06/14/10 14:57 | 118-79-6 | S4 |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|-------|------|-----|------|-----|--|----------------|----------|--|
| Benzene | 13600 | ug/L | 100 | 41.0 | 100 | | 06/09/10 18:29 | 71-43-2 | |
| Bromobenzene | <82.0 | ug/L | 100 | 82.0 | 100 | | 06/09/10 18:29 | 108-86-1 | |
| Bromochloromethane | <97.0 | ug/L | 100 | 97.0 | 100 | | 06/09/10 18:29 | 74-97-5 | |
| Bromodichloromethane | <56.0 | ug/L | 100 | 56.0 | 100 | | 06/09/10 18:29 | 75-27-4 | |
| Bromoform | <94.0 | ug/L | 100 | 94.0 | 100 | | 06/09/10 18:29 | 75-25-2 | |
| Bromomethane | <91.0 | ug/L | 100 | 91.0 | 100 | | 06/09/10 18:29 | 74-83-9 | |
| n-Butylbenzene | <93.0 | ug/L | 100 | 93.0 | 100 | | 06/09/10 18:29 | 104-51-8 | |
| sec-Butylbenzene | <89.0 | ug/L | 500 | 89.0 | 100 | | 06/09/10 18:29 | 135-98-8 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 94 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: GW DUP-01 **Lab ID: 4032925019** Collected: 06/04/10 00:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|-----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <97.0 | ug/L | 100 | 97.0 | 100 | | 06/09/10 18:29 | 98-06-6 | |
| Carbon tetrachloride | <49.0 | ug/L | 100 | 49.0 | 100 | | 06/09/10 18:29 | 56-23-5 | |
| Chlorobenzene | <41.0 | ug/L | 100 | 41.0 | 100 | | 06/09/10 18:29 | 108-90-7 | |
| Chloroethane | <97.0 | ug/L | 100 | 97.0 | 100 | | 06/09/10 18:29 | 75-00-3 | |
| Chloroform | <130 | ug/L | 500 | 130 | 100 | | 06/09/10 18:29 | 67-66-3 | |
| Chloromethane | <24.0 | ug/L | 100 | 24.0 | 100 | | 06/09/10 18:29 | 74-87-3 | |
| 2-Chlorotoluene | <85.0 | ug/L | 100 | 85.0 | 100 | | 06/09/10 18:29 | 95-49-8 | |
| 4-Chlorotoluene | <74.0 | ug/L | 100 | 74.0 | 100 | | 06/09/10 18:29 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <168 | ug/L | 500 | 168 | 100 | | 06/09/10 18:29 | 96-12-8 | |
| Dibromochloromethane | <81.0 | ug/L | 100 | 81.0 | 100 | | 06/09/10 18:29 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <56.0 | ug/L | 100 | 56.0 | 100 | | 06/09/10 18:29 | 106-93-4 | |
| Dibromomethane | <60.0 | ug/L | 100 | 60.0 | 100 | | 06/09/10 18:29 | 74-95-3 | |
| 1,2-Dichlorobenzene | <83.0 | ug/L | 100 | 83.0 | 100 | | 06/09/10 18:29 | 95-50-1 | |
| 1,3-Dichlorobenzene | <87.0 | ug/L | 100 | 87.0 | 100 | | 06/09/10 18:29 | 541-73-1 | |
| 1,4-Dichlorobenzene | <95.0 | ug/L | 100 | 95.0 | 100 | | 06/09/10 18:29 | 106-46-7 | |
| Dichlorodifluoromethane | <99.0 | ug/L | 100 | 99.0 | 100 | | 06/09/10 18:29 | 75-71-8 | |
| 1,1-Dichloroethane | <75.0 | ug/L | 100 | 75.0 | 100 | | 06/09/10 18:29 | 75-34-3 | |
| 1,2-Dichloroethane | <36.0 | ug/L | 100 | 36.0 | 100 | | 06/09/10 18:29 | 107-06-2 | |
| 1,1-Dichloroethene | <57.0 | ug/L | 100 | 57.0 | 100 | | 06/09/10 18:29 | 75-35-4 | |
| cis-1,2-Dichloroethene | <83.0 | ug/L | 100 | 83.0 | 100 | | 06/09/10 18:29 | 156-59-2 | |
| trans-1,2-Dichloroethene | <89.0 | ug/L | 100 | 89.0 | 100 | | 06/09/10 18:29 | 156-60-5 | |
| 1,2-Dichloropropane | <49.0 | ug/L | 100 | 49.0 | 100 | | 06/09/10 18:29 | 78-87-5 | |
| 1,3-Dichloropropane | <61.0 | ug/L | 100 | 61.0 | 100 | | 06/09/10 18:29 | 142-28-9 | |
| 2,2-Dichloropropane | <62.0 | ug/L | 100 | 62.0 | 100 | | 06/09/10 18:29 | 594-20-7 | |
| 1,1-Dichloropropene | <75.0 | ug/L | 100 | 75.0 | 100 | | 06/09/10 18:29 | 563-58-6 | |
| cis-1,3-Dichloropropene | <20.0 | ug/L | 100 | 20.0 | 100 | | 06/09/10 18:29 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <19.0 | ug/L | 100 | 19.0 | 100 | | 06/09/10 18:29 | 10061-02-6 | |
| Diisopropyl ether | <76.0 | ug/L | 100 | 76.0 | 100 | | 06/09/10 18:29 | 108-20-3 | |
| Ethylbenzene | 651 | ug/L | 100 | 54.0 | 100 | | 06/09/10 18:29 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <67.0 | ug/L | 500 | 67.0 | 100 | | 06/09/10 18:29 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <59.0 | ug/L | 100 | 59.0 | 100 | | 06/09/10 18:29 | 98-82-8 | |
| p-Isopropyltoluene | <67.0 | ug/L | 100 | 67.0 | 100 | | 06/09/10 18:29 | 99-87-6 | |
| Methylene Chloride | <43.0 | ug/L | 100 | 43.0 | 100 | | 06/09/10 18:29 | 75-09-2 | |
| Methyl-tert-butyl ether | <61.0 | ug/L | 100 | 61.0 | 100 | | 06/09/10 18:29 | 1634-04-4 | |
| Naphthalene | 16000 | ug/L | 500 | 89.0 | 100 | | 06/09/10 18:29 | 91-20-3 | |
| n-Propylbenzene | <81.0 | ug/L | 100 | 81.0 | 100 | | 06/09/10 18:29 | 103-65-1 | |
| Styrene | 479 | ug/L | 100 | 86.0 | 100 | | 06/09/10 18:29 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <92.0 | ug/L | 100 | 92.0 | 100 | | 06/09/10 18:29 | 630-20-6 | |
| 1,1,1,2,2-Tetrachloroethane | <20.0 | ug/L | 100 | 20.0 | 100 | | 06/09/10 18:29 | 79-34-5 | |
| Tetrachloroethene | <45.0 | ug/L | 100 | 45.0 | 100 | | 06/09/10 18:29 | 127-18-4 | |
| Toluene | 7240 | ug/L | 100 | 67.0 | 100 | | 06/09/10 18:29 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <74.0 | ug/L | 100 | 74.0 | 100 | | 06/09/10 18:29 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <97.0 | ug/L | 100 | 97.0 | 100 | | 06/09/10 18:29 | 120-82-1 | |
| 1,1,1-Trichloroethane | <90.0 | ug/L | 100 | 90.0 | 100 | | 06/09/10 18:29 | 71-55-6 | |
| 1,1,2-Trichloroethane | <42.0 | ug/L | 100 | 42.0 | 100 | | 06/09/10 18:29 | 79-00-5 | |
| Trichloroethene | <48.0 | ug/L | 100 | 48.0 | 100 | | 06/09/10 18:29 | 79-01-6 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: GW DUP-01 **Lab ID: 4032925019** Collected: 06/04/10 00:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------|---------|-----------------------------|--------|------|-----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <79.0 | ug/L | 100 | 79.0 | 100 | | 06/09/10 18:29 | 75-69-4 | |
| 1,2,3-Trichloropropane | <99.0 | ug/L | 100 | 99.0 | 100 | | 06/09/10 18:29 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 296 | ug/L | 100 | 97.0 | 100 | | 06/09/10 18:29 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 163 | ug/L | 100 | 83.0 | 100 | | 06/09/10 18:29 | 108-67-8 | |
| Vinyl chloride | <18.0 | ug/L | 100 | 18.0 | 100 | | 06/09/10 18:29 | 75-01-4 | |
| m&p-Xylene | 2700 | ug/L | 200 | 180 | 100 | | 06/09/10 18:29 | 179601-23-1 | |
| o-Xylene | 894 | ug/L | 100 | 83.0 | 100 | | 06/09/10 18:29 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 91 | %- | 69-130 | | 100 | | 06/09/10 18:29 | 460-00-4 | |
| Dibromofluoromethane (S) | 100 | %- | 70-134 | | 100 | | 06/09/10 18:29 | 1868-53-7 | |
| Toluene-d8 (S) | 95 | %- | 70-130 | | 100 | | 06/09/10 18:29 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

Sample: TRIP BLANK **Lab ID: 4032925020** Collected: 06/03/10 00:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/09/10 17:21 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 06/09/10 17:21 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/09/10 17:21 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/09/10 17:21 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 06/09/10 17:21 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 06/09/10 17:21 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 06/09/10 17:21 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/09/10 17:21 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/09/10 17:21 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/09/10 17:21 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 06/09/10 17:21 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/09/10 17:21 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 06/09/10 17:21 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 06/09/10 17:21 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 06/09/10 17:21 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/09/10 17:21 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 06/09/10 17:21 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/09/10 17:21 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 06/09/10 17:21 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 06/09/10 17:21 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/09/10 17:21 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 06/09/10 17:21 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 06/09/10 17:21 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/09/10 17:21 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/09/10 17:21 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 06/09/10 17:21 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 06/09/10 17:21 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/09/10 17:21 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 06/09/10 17:21 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 06/09/10 17:21 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/09/10 17:21 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 06/09/10 17:21 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 06/09/10 17:21 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/09/10 17:21 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 06/09/10 17:21 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 06/09/10 17:21 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 06/09/10 17:21 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 06/09/10 17:21 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 06/09/10 17:21 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/09/10 17:21 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 06/09/10 17:21 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 06/09/10 17:21 | 1634-04-4 | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 06/09/10 17:21 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 06/09/10 17:21 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 06/09/10 17:21 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 06/09/10 17:21 | 630-20-6 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 97 of 128

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

Sample: TRIP BLANK **Lab ID: 4032925020** Collected: 06/03/10 00:00 Received: 06/08/10 09:35 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 06/09/10 17:21 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 06/09/10 17:21 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 06/09/10 17:21 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 06/09/10 17:21 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/09/10 17:21 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 06/09/10 17:21 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 06/09/10 17:21 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 06/09/10 17:21 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 06/09/10 17:21 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 06/09/10 17:21 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 06/09/10 17:21 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/09/10 17:21 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 06/09/10 17:21 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 06/09/10 17:21 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 06/09/10 17:21 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 89 | %- | 69-130 | | 1 | | 06/09/10 17:21 | 460-00-4 | |
| Dibromofluoromethane (S) | 100 | %- | 70-134 | | 1 | | 06/09/10 17:21 | 1868-53-7 | |
| Toluene-d8 (S) | 95 | %- | 70-130 | | 1 | | 06/09/10 17:21 | 2037-26-5 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Project No.: 4032925

QC Batch: MPRP/4082 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007

METHOD BLANK: 310920 Matrix: Solid
 Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | mg/kg | <0.096 | 2.0 | 06/10/10 02:32 | |
| Barium | mg/kg | <0.045 | 0.50 | 06/10/10 02:32 | |
| Cadmium | mg/kg | <0.026 | 0.50 | 06/10/10 02:32 | |
| Chromium | mg/kg | 0.060J | 0.50 | 06/10/10 02:32 | |
| Lead | mg/kg | <0.097 | 1.0 | 06/10/10 02:32 | |
| Selenium | mg/kg | <0.16 | 2.0 | 06/10/10 02:32 | |
| Silver | mg/kg | <0.045 | 1.0 | 06/10/10 02:32 | |

LABORATORY CONTROL SAMPLE: 310921

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | mg/kg | 50 | 51.0 | 102 | 80-120 | |
| Barium | mg/kg | 50 | 52.1 | 104 | 80-120 | |
| Cadmium | mg/kg | 50 | 50.3 | 101 | 80-120 | |
| Chromium | mg/kg | 50 | 56.6 | 113 | 80-120 | |
| Lead | mg/kg | 50 | 52.8 | 106 | 80-120 | |
| Selenium | mg/kg | 50 | 48.4 | 97 | 80-120 | |
| Silver | mg/kg | 25 | 23.7 | 95 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 310922 310923

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|-------------|-------------|-----------|----------|-----------|--------------|--------|---------|------|
| | | 4032886001 Result | Spike Conc. | Spike Conc. | MS Result | | | | | | |
| Arsenic | mg/kg | 2.6 | 58.5 | 58.5 | 59.2 | 59.0 | 97 | 96 | 75-125 | .4 | 20 |
| Barium | mg/kg | 29.4 | 58.5 | 58.5 | 90.2 | 89.6 | 104 | 103 | 75-125 | .6 | 20 |
| Cadmium | mg/kg | 0.13J | 58.5 | 58.5 | 57.6 | 57.5 | 98 | 98 | 75-125 | .3 | 20 |
| Chromium | mg/kg | 12.1 | 58.5 | 58.5 | 71.2 | 72.1 | 101 | 103 | 75-125 | 1 | 20 |
| Lead | mg/kg | 3.7 | 58.5 | 58.5 | 57.1 | 57.8 | 91 | 92 | 75-125 | 1 | 20 |
| Selenium | mg/kg | <0.19 | 58.5 | 58.5 | 54.3 | 53.6 | 93 | 92 | 75-125 | 1 | 20 |
| Silver | mg/kg | 0.11J | 29.2 | 29.2 | 27.6 | 27.8 | 94 | 95 | 75-125 | .8 | 20 |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Project No.: 4032925

QC Batch: MPRP/4088 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 4032925008, 4032925009

METHOD BLANK: 311522 Matrix: Solid

Associated Lab Samples: 4032925008, 4032925009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | mg/kg | <0.096 | 2.0 | 06/10/10 16:18 | |
| Barium | mg/kg | <0.045 | 0.50 | 06/10/10 16:18 | |
| Cadmium | mg/kg | <0.026 | 0.50 | 06/10/10 16:18 | |
| Chromium | mg/kg | <0.032 | 0.50 | 06/10/10 16:18 | |
| Lead | mg/kg | <0.097 | 1.0 | 06/10/10 16:18 | |
| Selenium | mg/kg | <0.16 | 2.0 | 06/10/10 16:18 | |
| Silver | mg/kg | <0.045 | 1.0 | 06/10/10 16:18 | |

LABORATORY CONTROL SAMPLE: 311523

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | mg/kg | 50 | 49.7 | 99 | 80-120 | |
| Barium | mg/kg | 50 | 50.8 | 102 | 80-120 | |
| Cadmium | mg/kg | 50 | 49.8 | 100 | 80-120 | |
| Chromium | mg/kg | 50 | 52.9 | 106 | 80-120 | |
| Lead | mg/kg | 50 | 51.6 | 103 | 80-120 | |
| Selenium | mg/kg | 50 | 48.5 | 97 | 80-120 | |
| Silver | mg/kg | 25 | 24.2 | 97 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 311524 311525

| Parameter | Units | 4032948005 | | MSD | | MS | | MSD | | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|------------|-------------|-------------|-----------|------------|----------|-----------|--------|--------------|-----|---------|------|
| | | Result | Spike Conc. | Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | | | | | |
| Arsenic | mg/kg | 12.5 | 54.9 | 54.9 | 64.5 | 63.3 | 95 | 93 | 75-125 | 2 | 20 | | |
| Barium | mg/kg | 19.8 | 54.9 | 54.9 | 78.8 | 79.6 | 107 | 109 | 75-125 | 1 | 20 | | |
| Cadmium | mg/kg | 0.086J | 54.9 | 54.9 | 56.0 | 54.9 | 102 | 100 | 75-125 | 2 | 20 | | |
| Chromium | mg/kg | 6.9 | 54.9 | 54.9 | 59.3 | 59.2 | 95 | 95 | 75-125 | .3 | 20 | | |
| Lead | mg/kg | 2.6 | 54.9 | 54.9 | 52.7 | 52.9 | 91 | 92 | 75-125 | .4 | 20 | | |
| Selenium | mg/kg | 0.44J | 54.9 | 54.9 | 55.0 | 53.9 | 99 | 97 | 75-125 | 2 | 20 | | |
| Silver | mg/kg | 0.17J | 27.5 | 27.5 | 27.1 | 26.5 | 98 | 96 | 75-125 | 2 | 20 | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

QC Batch: MPRP/4097 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018, 4032925019

METHOD BLANK: 312789 Matrix: Water
Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018, 4032925019

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------|-------|--------------|-----------------|----------------|------------|
| Arsenic, Dissolved | ug/L | 1.3J | 20.0 | 06/14/10 16:21 | |
| Barium, Dissolved | ug/L | <0.27 | 5.0 | 06/14/10 16:21 | |
| Cadmium, Dissolved | ug/L | <0.26 | 5.0 | 06/14/10 16:21 | |
| Chromium, Dissolved | ug/L | 0.48J | 5.0 | 06/14/10 16:21 | |
| Lead, Dissolved | ug/L | <1.4 | 7.5 | 06/14/10 16:21 | |
| Selenium, Dissolved | ug/L | <2.1 | 20.0 | 06/14/10 16:21 | |
| Silver, Dissolved | ug/L | <0.46 | 10.0 | 06/14/10 16:21 | |

LABORATORY CONTROL SAMPLE: 312790

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic, Dissolved | ug/L | 500 | 490 | 98 | 80-120 | |
| Barium, Dissolved | ug/L | 500 | 487 | 97 | 80-120 | |
| Cadmium, Dissolved | ug/L | 500 | 478 | 96 | 80-120 | |
| Chromium, Dissolved | ug/L | 500 | 526 | 105 | 80-120 | |
| Lead, Dissolved | ug/L | 500 | 502 | 100 | 80-120 | |
| Selenium, Dissolved | ug/L | 500 | 480 | 96 | 80-120 | |
| Silver, Dissolved | ug/L | 250 | 236 | 94 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 312791 312792

| Parameter | Units | 4032925013 | | MS | | MSD | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|---------------------|-------|------------|-------|-------------|-------------|--------|--------|-------|--------|-------|--------|-----|---------|------|
| | | Result | Conc. | Spike Conc. | Spike Conc. | Result | Result | | | | | | | |
| Arsenic, Dissolved | ug/L | 3.9J | 500 | 500 | 514 | 529 | 102 | 105 | 75-125 | 3 | 20 | | | |
| Barium, Dissolved | ug/L | 44.4 | 500 | 500 | 519 | 536 | 95 | 98 | 75-125 | 3 | 20 | | | |
| Cadmium, Dissolved | ug/L | 0.48J | 500 | 500 | 494 | 510 | 99 | 102 | 75-125 | 3 | 20 | | | |
| Chromium, Dissolved | ug/L | 23.8 | 500 | 500 | 514 | 533 | 98 | 102 | 75-125 | 4 | 20 | | | |
| Lead, Dissolved | ug/L | 2.8J | 500 | 500 | 473 | 487 | 94 | 97 | 75-125 | 3 | 20 | | | |
| Selenium, Dissolved | ug/L | <2.1 | 500 | 500 | 524 | 539 | 105 | 108 | 75-125 | 3 | 20 | | | |
| Silver, Dissolved | ug/L | <0.46 | 250 | 250 | 237 | 244 | 95 | 97 | 75-125 | 3 | 20 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

QC Batch: MERP/2055 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018, 4032925019

METHOD BLANK: 312634 Matrix: Water
Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018, 4032925019

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------|-------|--------------|-----------------|----------------|------------|
| Mercury, Dissolved | ug/L | <0.10 | 0.20 | 06/11/10 13:59 | |

LABORATORY CONTROL SAMPLE: 312635

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------|-------|-------------|------------|-----------|--------------|------------|
| Mercury, Dissolved | ug/L | 5 | 5.0 | 100 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 312636 312637

| Parameter | Units | 4032925013 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|--------------------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury, Dissolved | ug/L | <0.10 | 5 | 5 | 4.3 | 4.4 | 86 | 87 | 85-115 | 2 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

QC Batch: MERP/2060 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

METHOD BLANK: 314219 Matrix: Solid
Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | mg/kg | <0.0018 | 0.010 | 06/15/10 15:11 | |

LABORATORY CONTROL SAMPLE: 314220

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | mg/kg | .25 | 0.25 | 98 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314221 314222

| Parameter | Units | 4032925002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury | mg/kg | 0.012 | .29 | .29 | 0.32 | 0.32 | 105 | 106 | 85-115 | .7 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

QC Batch: OEXT/7487 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

METHOD BLANK: 311956 Matrix: Solid
 Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4,5-Tetrachlorobenzene | ug/kg | <52.3 | 167 | 06/10/10 16:45 | |
| 2,4,5-Trichlorophenol | ug/kg | <11.0 | 167 | 06/10/10 16:45 | |
| 2,4,6-Trichlorophenol | ug/kg | <18.4 | 167 | 06/10/10 16:45 | |
| 2,4-Dichlorophenol | ug/kg | <14.2 | 167 | 06/10/10 16:45 | |
| 2,4-Dimethylphenol | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 2,4-Dinitrophenol | ug/kg | <122 | 667 | 06/10/10 16:45 | |
| 2,4-Dinitrotoluene | ug/kg | <13.1 | 167 | 06/10/10 16:45 | |
| 2,6-Dinitrotoluene | ug/kg | <19.3 | 167 | 06/10/10 16:45 | |
| 2-Chloronaphthalene | ug/kg | <17.4 | 167 | 06/10/10 16:45 | |
| 2-Chlorophenol | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 2-Methylnaphthalene | ug/kg | <18.4 | 167 | 06/10/10 16:45 | |
| 2-Methylphenol(o-Cresol) | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 2-Nitroaniline | ug/kg | <12.1 | 167 | 06/10/10 16:45 | |
| 2-Nitrophenol | ug/kg | <19.9 | 167 | 06/10/10 16:45 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | <17.4 | 167 | 06/10/10 16:45 | |
| 3,3'-Dichlorobenzidine | ug/kg | <12.1 | 167 | 06/10/10 16:45 | |
| 3-Nitroaniline | ug/kg | <13.2 | 167 | 06/10/10 16:45 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 4-Bromophenylphenyl ether | ug/kg | <17.7 | 167 | 06/10/10 16:45 | |
| 4-Chloro-3-methylphenol | ug/kg | <17.0 | 167 | 06/10/10 16:45 | |
| 4-Chloroaniline | ug/kg | <83.3 | 333 | 06/10/10 16:45 | |
| 4-Chlorophenylphenyl ether | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 4-Nitroaniline | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 4-Nitrophenol | ug/kg | <32.9 | 167 | 06/10/10 16:45 | |
| Acenaphthene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Acenaphthylene | ug/kg | <17.9 | 167 | 06/10/10 16:45 | |
| Anthracene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Benzo(a)anthracene | ug/kg | <18.8 | 167 | 06/10/10 16:45 | |
| Benzo(a)pyrene | ug/kg | <20.2 | 167 | 06/10/10 16:45 | |
| Benzo(b)fluoranthene | ug/kg | <19.7 | 167 | 06/10/10 16:45 | |
| Benzo(g,h,i)perylene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Benzo(k)fluoranthene | ug/kg | <26.3 | 167 | 06/10/10 16:45 | |
| Benzyl alcohol | ug/kg | <20.8 | 333 | 06/10/10 16:45 | |
| bis(2-Chloroethoxy)methane | ug/kg | <20.1 | 167 | 06/10/10 16:45 | |
| bis(2-Chloroethyl) ether | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| bis(2-Ethylhexyl)phthalate | ug/kg | <34.1 | 167 | 06/10/10 16:45 | |
| Butylbenzylphthalate | ug/kg | <37.5 | 167 | 06/10/10 16:45 | |
| Chrysene | ug/kg | <24.3 | 167 | 06/10/10 16:45 | |
| Di-n-butylphthalate | ug/kg | <27.9 | 167 | 06/10/10 16:45 | |
| Di-n-octylphthalate | ug/kg | <18.2 | 167 | 06/10/10 16:45 | |
| Dibenz(a,h)anthracene | ug/kg | <30.5 | 167 | 06/10/10 16:45 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 104 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

METHOD BLANK: 311956

Matrix: Solid

Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Dibenzofuran | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Diethylphthalate | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Dimethylphthalate | ug/kg | <17.5 | 167 | 06/10/10 16:45 | |
| Fluoranthene | ug/kg | <29.5 | 167 | 06/10/10 16:45 | |
| Fluorene | ug/kg | <8.4 | 167 | 06/10/10 16:45 | |
| Hexachloro-1,3-butadiene | ug/kg | <21.5 | 167 | 06/10/10 16:45 | |
| Hexachlorobenzene | ug/kg | <9.8 | 167 | 06/10/10 16:45 | |
| Hexachlorocyclopentadiene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Hexachloroethane | ug/kg | <21.1 | 167 | 06/10/10 16:45 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <22.4 | 167 | 06/10/10 16:45 | |
| Isophorone | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| N-Nitroso-di-n-propylamine | ug/kg | <19.8 | 167 | 06/10/10 16:45 | |
| N-Nitrosodiphenylamine | ug/kg | <22.9 | 167 | 06/10/10 16:45 | |
| Naphthalene | ug/kg | <19.5 | 167 | 06/10/10 16:45 | |
| Nitrobenzene | ug/kg | <19.1 | 167 | 06/10/10 16:45 | |
| Pentachlorophenol | ug/kg | <83.3 | 330 | 06/10/10 16:45 | |
| Phenanthrene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Phenol | ug/kg | <19.8 | 167 | 06/10/10 16:45 | |
| Pyrene | ug/kg | <40.6 | 167 | 06/10/10 16:45 | |
| 2,4,6-Tribromophenol (S) | %- | 95 | 23-130 | 06/10/10 16:45 | |
| 2-Fluorobiphenyl (S) | %- | 105 | 46-130 | 06/10/10 16:45 | |
| 2-Fluorophenol (S) | %- | 77 | 28-130 | 06/10/10 16:45 | |
| Nitrobenzene-d5 (S) | %- | 70 | 37-130 | 06/10/10 16:45 | |
| Phenol-d6 (S) | %- | 63 | 30-130 | 06/10/10 16:45 | |
| Terphenyl-d14 (S) | %- | 84 | 27-135 | 06/10/10 16:45 | |

LABORATORY CONTROL SAMPLE: 311957

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------------|-------|-------------|------------|-----------|--------------|------------|
| 2,4,5-Trichlorophenol | ug/kg | 1670 | 1360 | 81 | 66-130 | |
| 2,4,6-Trichlorophenol | ug/kg | 1670 | 1400 | 84 | 66-130 | |
| 2,4-Dichlorophenol | ug/kg | 1670 | 1350 | 81 | 60-130 | |
| 2,4-Dimethylphenol | ug/kg | 1670 | 1140 | 68 | 43-130 | |
| 2,4-Dinitrophenol | ug/kg | 1670 | 832 | 50 | 29-130 | |
| 2,4-Dinitrotoluene | ug/kg | 1670 | 1520 | 91 | 70-130 | |
| 2,6-Dinitrotoluene | ug/kg | 1670 | 1480 | 89 | 70-130 | |
| 2-Chloronaphthalene | ug/kg | 1670 | 1500 | 90 | 67-130 | |
| 2-Chlorophenol | ug/kg | 1670 | 1170 | 70 | 51-130 | |
| 2-Methylnaphthalene | ug/kg | 1670 | 1330 | 80 | 65-130 | |
| 2-Methylphenol(o-Cresol) | ug/kg | 1670 | 1160 | 70 | 57-130 | |
| 2-Nitroaniline | ug/kg | 1670 | 1210 | 73 | 68-130 | |
| 2-Nitrophenol | ug/kg | 1670 | 1450 | 87 | 58-130 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | 1670 | 1100 | 66 | 59-130 | |
| 3,3'-Dichlorobenzidine | ug/kg | 1670 | 1380 | 83 | 49-130 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

LABORATORY CONTROL SAMPLE: 311957

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 3-Nitroaniline | ug/kg | 1670 | 1560 | 94 | 66-130 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | 1670 | 1080 | 65 | 61-130 | |
| 4-Bromophenylphenyl ether | ug/kg | 1670 | 1600 | 96 | 70-130 | |
| 4-Chloro-3-methylphenol | ug/kg | 1670 | 1090 | 65 | 68-130 | LO |
| 4-Chloroaniline | ug/kg | 1670 | 1270 | 76 | 24-130 | |
| 4-Chlorophenylphenyl ether | ug/kg | 1670 | 1490 | 89 | 68-130 | |
| 4-Nitroaniline | ug/kg | 1670 | 1520 | 91 | 65-133 | |
| 4-Nitrophenol | ug/kg | 1670 | 984 | 59 | 43-134 | |
| Acenaphthene | ug/kg | 1670 | 1530 | 92 | 70-130 | |
| Acenaphthylene | ug/kg | 1670 | 1390 | 84 | 70-130 | |
| Anthracene | ug/kg | 1670 | 1420 | 85 | 70-130 | |
| Benzo(a)anthracene | ug/kg | 1670 | 1460 | 88 | 59-130 | |
| Benzo(a)pyrene | ug/kg | 1670 | 1340 | 80 | 48-130 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1520 | 91 | 56-130 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1200 | 72 | 56-130 | |
| Benzo(k)fluoranthene | ug/kg | 1670 | 1770 | 106 | 58-130 | |
| Benzyl alcohol | ug/kg | 1670 | 1200 | 72 | 56-130 | |
| bis(2-Chloroethoxy)methane | ug/kg | 1670 | 1270 | 76 | 64-130 | |
| bis(2-Chloroethyl) ether | ug/kg | 1670 | 1020 | 61 | 53-130 | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 1670 | 1750 | 105 | 54-132 | |
| Butylbenzylphthalate | ug/kg | 1670 | 1600 | 96 | 56-130 | |
| Chrysene | ug/kg | 1670 | 1410 | 85 | 59-130 | |
| Di-n-butylphthalate | ug/kg | 1670 | 1650 | 99 | 69-130 | |
| Di-n-octylphthalate | ug/kg | 1670 | 1850 | 111 | 44-134 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1270 | 76 | 45-130 | |
| Dibenzofuran | ug/kg | 1670 | 1630 | 98 | 70-130 | |
| Diethylphthalate | ug/kg | 1670 | 1670 | 100 | 70-130 | |
| Dimethylphthalate | ug/kg | 1670 | 1500 | 90 | 70-130 | |
| Fluoranthene | ug/kg | 1670 | 1390 | 83 | 66-130 | |
| Fluorene | ug/kg | 1670 | 1500 | 90 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/kg | 1670 | 1420 | 85 | 51-130 | |
| Hexachlorobenzene | ug/kg | 1670 | 1690 | 101 | 68-130 | |
| Hexachlorocyclopentadiene | ug/kg | 1670 | 1370 | 82 | 10-130 | |
| Hexachloroethane | ug/kg | 1670 | 1170 | 70 | 49-130 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 995 | 60 | 39-130 | |
| Isophorone | ug/kg | 1670 | 1040 | 62 | 10-130 | |
| N-Nitroso-di-n-propylamine | ug/kg | 1670 | 1010 | 60 | 59-130 | |
| N-Nitrosodiphenylamine | ug/kg | 1670 | 1800 | 108 | 70-130 | |
| Naphthalene | ug/kg | 1670 | 1310 | 79 | 60-130 | |
| Nitrobenzene | ug/kg | 1670 | 1220 | 73 | 55-130 | |
| Pentachlorophenol | ug/kg | 1670 | 795 | 48 | 51-130 | LO |
| Phenanthrene | ug/kg | 1670 | 1440 | 87 | 70-130 | |
| Phenol | ug/kg | 1670 | 1030 | 62 | 54-130 | |
| Pyrene | ug/kg | 1670 | 1270 | 76 | 52-133 | |
| 2,4,6-Tribromophenol (S) | %- | | | 101 | 23-130 | |
| 2-Fluorobiphenyl (S) | %- | | | 88 | 46-130 | |
| 2-Fluorophenol (S) | %- | | | 67 | 28-130 | |
| Nitrobenzene-d5 (S) | %- | | | 71 | 37-130 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 106 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

LABORATORY CONTROL SAMPLE: 311957

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-------------------|-------|-------------|------------|-----------|--------------|------------|
| Phenol-d6 (S) | %- | | | 65 | 30-130 | |
| Terphenyl-d14 (S) | %- | | | 77 | 27-135 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 311958 311959

| Parameter | Units | 4032676022 | | MS | MSD | MS | MSD | MS | MSD | % Rec | Max | Qual |
|------------------------------|-------|------------|-------|-------------|-------------|--------|--------|-------|-------|--------|-----|-------|
| | | Result | Conc. | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | |
| 2,4,5-Trichlorophenol | ug/kg | <12.5 | 1900 | 1900 | 1900 | 1360 | 1120 | 72 | 59 | 45-130 | 20 | 21 |
| 2,4,6-Trichlorophenol | ug/kg | <20.9 | 1900 | 1900 | 1900 | 1360 | 1140 | 72 | 60 | 45-130 | 17 | 19 |
| 2,4-Dichlorophenol | ug/kg | <16.2 | 1900 | 1900 | 1900 | 1430 | 1230 | 75 | 65 | 47-130 | 15 | 22 |
| 2,4-Dimethylphenol | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1180 | 1070 | 63 | 57 | 37-130 | 10 | 24 |
| 2,4-Dinitrophenol | ug/kg | <139 | 1900 | 1900 | 1900 | <139 | <139 | 4 | 2 | 10-130 | | 40 MO |
| 2,4-Dinitrotoluene | ug/kg | <14.9 | 1900 | 1900 | 1900 | 1540 | 1300 | 81 | 69 | 41-130 | 17 | 25 |
| 2,6-Dinitrotoluene | ug/kg | <21.9 | 1900 | 1900 | 1900 | 1520 | 1240 | 81 | 65 | 51-130 | 21 | 23 |
| 2-Chloronaphthalene | ug/kg | <19.7 | 1900 | 1900 | 1900 | 1590 | 1380 | 84 | 73 | 61-130 | 14 | 30 |
| 2-Chlorophenol | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1420 | 1210 | 75 | 64 | 46-130 | 16 | 27 |
| 2-Methylnaphthalene | ug/kg | 61.0J | 1900 | 1900 | 1900 | 1480 | 1330 | 75 | 67 | 55-130 | 11 | 22 |
| 2-Methylphenol(o-Cresol) | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1320 | 1140 | 70 | 60 | 42-130 | 15 | 31 |
| 2-Nitroaniline | ug/kg | <13.7 | 1900 | 1900 | 1900 | 1250 | 1060 | 66 | 56 | 43-130 | 17 | 20 |
| 2-Nitrophenol | ug/kg | <22.6 | 1900 | 1900 | 1900 | 1590 | 1370 | 84 | 73 | 45-130 | 15 | 29 |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | <19.7 | 1900 | 1900 | 1900 | 1320 | 1070 | 70 | 56 | 30-130 | 21 | 25 |
| 3,3'-Dichlorobenzidine | ug/kg | <13.7 | 1900 | 1900 | 1900 | 1240 | 1110 | 66 | 59 | 10-150 | 11 | 87 |
| 3-Nitroaniline | ug/kg | <15.0 | 1900 | 1900 | 1900 | 1490 | 1330 | 79 | 70 | 17-130 | 12 | 36 |
| 4,6-Dinitro-2-methylphenol | ug/kg | <94.6 | 1900 | 1900 | 1900 | 752 | 652 | 40 | 34 | 10-130 | 14 | 42 |
| 4-Bromophenylphenyl ether | ug/kg | <20.1 | 1900 | 1900 | 1900 | 1510 | 1250 | 80 | 66 | 50-130 | 19 | 21 |
| 4-Chloro-3-methylphenol | ug/kg | <19.3 | 1900 | 1900 | 1900 | 1200 | 1090 | 63 | 58 | 40-130 | 9 | 24 |
| 4-Chloroaniline | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1380 | 1190 | 73 | 63 | 10-130 | 15 | 21 |
| 4-Chlorophenylphenyl ether | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1460 | 1250 | 77 | 66 | 55-130 | 16 | 21 |
| 4-Nitroaniline | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1530 | 1310 | 81 | 69 | 10-145 | 15 | 40 |
| 4-Nitrophenol | ug/kg | <37.3 | 1900 | 1900 | 1900 | 706 | 575 | 37 | 30 | 10-130 | 21 | 39 |
| Acenaphthene | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1530 | 1300 | 81 | 69 | 59-130 | 17 | 27 |
| Acenaphthylene | ug/kg | <20.3 | 1900 | 1900 | 1900 | 1410 | 1210 | 75 | 64 | 54-130 | 15 | 27 |
| Anthracene | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1390 | 1240 | 73 | 65 | 45-130 | 11 | 27 |
| Benzo(a)anthracene | ug/kg | <21.3 | 1900 | 1900 | 1900 | 1310 | 1240 | 69 | 65 | 38-130 | 6 | 41 |
| Benzo(a)pyrene | ug/kg | <22.9 | 1900 | 1900 | 1900 | 1200 | 1080 | 64 | 57 | 24-130 | 11 | 37 |
| Benzo(b)fluoranthene | ug/kg | <22.3 | 1900 | 1900 | 1900 | 1320 | 1210 | 70 | 64 | 29-130 | 9 | 32 |
| Benzo(g,h,i)perylene | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1130 | 963 | 60 | 51 | 14-130 | 16 | 32 |
| Benzo(k)fluoranthene | ug/kg | <29.8 | 1900 | 1900 | 1900 | 1570 | 1440 | 83 | 76 | 29-130 | 9 | 37 |
| Benzyl alcohol | ug/kg | <23.6 | 1900 | 1900 | 1900 | 1370 | 1220 | 73 | 64 | 40-130 | 12 | 40 |
| bis(2-Chloroethoxy)methane | ug/kg | <22.8 | 1900 | 1900 | 1900 | 1380 | 1220 | 73 | 64 | 55-130 | 12 | 22 |
| bis(2-Chloroethyl) ether | ug/kg | <94.6 | 1900 | 1900 | 1900 | 1190 | 1010 | 63 | 53 | 49-130 | 16 | 29 |
| bis(2-Ethylhexyl)phthalate | ug/kg | <38.7 | 1900 | 1900 | 1900 | 1630 | 1490 | 86 | 79 | 21-166 | 9 | 43 |
| Butylbenzylphthalate | ug/kg | <42.6 | 1900 | 1900 | 1900 | 1500 | 1380 | 79 | 73 | 32-149 | 8 | 24 |
| Chrysene | ug/kg | <27.6 | 1900 | 1900 | 1900 | 1290 | 1150 | 68 | 61 | 34-130 | 12 | 45 |
| Di-n-butylphthalate | ug/kg | <31.7 | 1900 | 1900 | 1900 | 1580 | 1460 | 83 | 77 | 48-130 | 8 | 26 |
| Di-n-octylphthalate | ug/kg | <20.7 | 1900 | 1900 | 1900 | 1670 | 1500 | 89 | 79 | 34-146 | 11 | 27 |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 107 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| Parameter | Units | 4032676022 | | 311958 | | 311959 | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|----------------------------|-------|------------|----------------|-----------------|-----------|------------|----|-------|--------|-------|--------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | | | | | | | | |
| Dibenz(a,h)anthracene | ug/kg | <34.6 | 1900 | 1900 | 1190 | 950 | 63 | 50 | 17-130 | 23 | 41 | | | |
| Dibenzofuran | ug/kg | <94.6 | 1900 | 1900 | 1620 | 1420 | 86 | 75 | 60-130 | 14 | 20 | | | |
| Diethylphthalate | ug/kg | <94.6 | 1900 | 1900 | 1690 | 1450 | 90 | 77 | 52-130 | 16 | 23 | | | |
| Dimethylphthalate | ug/kg | <19.9 | 1900 | 1900 | 1510 | 1300 | 80 | 69 | 54-130 | 15 | 20 | | | |
| Fluoranthene | ug/kg | <33.5 | 1900 | 1900 | 1420 | 1330 | 75 | 70 | 36-130 | 7 | 39 | | | |
| Fluorene | ug/kg | <9.5 | 1900 | 1900 | 1480 | 1320 | 78 | 70 | 55-130 | 12 | 22 | | | |
| Hexachloro-1,3-butadiene | ug/kg | <24.3 | 1900 | 1900 | 1530 | 1360 | 81 | 72 | 50-130 | 11 | 26 | | | |
| Hexachlorobenzene | ug/kg | <11.1 | 1900 | 1900 | 1580 | 1410 | 84 | 75 | 51-130 | 12 | 21 | | | |
| Hexachlorocyclopentadiene | ug/kg | <94.6 | 1900 | 1900 | 1180 | 916 | 62 | 48 | 10-130 | 25 | 36 | | | |
| Hexachloroethane | ug/kg | <23.9 | 1900 | 1900 | 1360 | 1160 | 72 | 61 | 42-130 | 16 | 33 | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <25.4 | 1900 | 1900 | 1100 | 747 | 58 | 40 | 10-143 | 38 | 59 | | | |
| Isophorone | ug/kg | <94.6 | 1900 | 1900 | 1120 | 973 | 59 | 51 | 10-130 | 14 | 21 | | | |
| N-Nitroso-di-n-propylamine | ug/kg | <22.4 | 1900 | 1900 | 1160 | 968 | 61 | 51 | 52-130 | 18 | 24 MO | | | |
| N-Nitrosodiphenylamine | ug/kg | <26.0 | 1900 | 1900 | 1670 | 1460 | 88 | 77 | 42-138 | 13 | 25 | | | |
| Naphthalene | ug/kg | 721 | 1900 | 1900 | 1820 | 1530 | 58 | 43 | 54-130 | 17 | 24 MO | | | |
| Nitrobenzene | ug/kg | <21.7 | 1900 | 1900 | 1330 | 1130 | 71 | 60 | 48-130 | 17 | 28 | | | |
| Pentachlorophenol | ug/kg | <94.6 | 1900 | 1900 | 786 | 588 | 42 | 31 | 10-130 | 29 | 32 | | | |
| Phenanthrene | ug/kg | <94.6 | 1900 | 1900 | 1440 | 1250 | 75 | 64 | 52-130 | 14 | 24 | | | |
| Phenol | ug/kg | <22.5 | 1900 | 1900 | 1250 | 1040 | 66 | 55 | 41-130 | 19 | 25 | | | |
| Pyrene | ug/kg | <46.1 | 1900 | 1900 | 1220 | 1150 | 64 | 60 | 34-136 | 6 | 56 | | | |
| 2,4,6-Tribromophenol (S) | %- | | | | | | 88 | 76 | 23-130 | | | | | |
| 2-Fluorobiphenyl (S) | %- | | | | | | 84 | 69 | 46-130 | | | | | |
| 2-Fluorophenol (S) | %- | | | | | | 71 | 59 | 28-130 | | | | | |
| Nitrobenzene-d5 (S) | %- | | | | | | 70 | 58 | 37-130 | | | | | |
| Phenol-d6 (S) | %- | | | | | | 66 | 57 | 30-130 | | | | | |
| Terphenyl-d14 (S) | %- | | | | | | 67 | 59 | 27-135 | | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

QC Batch: OEXT/7481 Analysis Method: EPA 8270
 QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
 Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018, 4032925019

METHOD BLANK: 311699 Matrix: Water
 Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018, 4032925019

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4-Trichlorobenzene | ug/L | <0.87 | 5.0 | 06/10/10 21:02 | |
| 1,2-Dichlorobenzene | ug/L | <0.71 | 5.0 | 06/10/10 21:02 | |
| 1,3-Dichlorobenzene | ug/L | <0.83 | 5.0 | 06/10/10 21:02 | |
| 1,4-Dichlorobenzene | ug/L | <0.86 | 5.0 | 06/10/10 21:02 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | <0.82 | 5.0 | 06/10/10 21:02 | |
| 2,4,5-Trichlorophenol | ug/L | <1.0 | 5.0 | 06/10/10 21:02 | |
| 2,4,6-Trichlorophenol | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| 2,4-Dichlorophenol | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| 2,4-Dimethylphenol | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| 2,4-Dinitrophenol | ug/L | <2.1 | 10.0 | 06/10/10 21:02 | |
| 2,4-Dinitrotoluene | ug/L | <0.80 | 5.0 | 06/10/10 21:02 | |
| 2,6-Dinitrotoluene | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| 2-Chloronaphthalene | ug/L | <0.84 | 5.0 | 06/10/10 21:02 | |
| 2-Chlorophenol | ug/L | <0.70 | 5.0 | 06/10/10 21:02 | |
| 2-Methylnaphthalene | ug/L | <1.4 | 5.0 | 06/10/10 21:02 | |
| 2-Methylphenol(o-Cresol) | ug/L | <0.97 | 5.0 | 06/10/10 21:02 | |
| 2-Nitroaniline | ug/L | <0.84 | 5.0 | 06/10/10 21:02 | |
| 2-Nitrophenol | ug/L | <1.4 | 5.0 | 06/10/10 21:02 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | <0.77 | 5.0 | 06/10/10 21:02 | |
| 3,3'-Dichlorobenzidine | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| 3-Nitroaniline | ug/L | <0.97 | 5.0 | 06/10/10 21:02 | |
| 4,6-Dinitro-2-methylphenol | ug/L | <0.75 | 5.0 | 06/10/10 21:02 | |
| 4-Bromophenylphenyl ether | ug/L | <1.3 | 5.0 | 06/10/10 21:02 | |
| 4-Chloro-3-methylphenol | ug/L | <1.0 | 5.0 | 06/10/10 21:02 | |
| 4-Chloroaniline | ug/L | <0.81 | 5.0 | 06/10/10 21:02 | |
| 4-Chlorophenylphenyl ether | ug/L | <1.2 | 5.0 | 06/10/10 21:02 | |
| 4-Nitroaniline | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| 4-Nitrophenol | ug/L | <0.87 | 10.0 | 06/10/10 21:02 | |
| Acenaphthene | ug/L | <0.95 | 5.0 | 06/10/10 21:02 | |
| Acenaphthylene | ug/L | <1.0 | 5.0 | 06/10/10 21:02 | |
| Acetophenone | ug/L | <1.7 | 10.0 | 06/10/10 21:02 | 1q |
| Anthracene | ug/L | <0.63 | 5.0 | 06/10/10 21:02 | |
| Atrazine | ug/L | <1.8 | 10.0 | 06/10/10 21:02 | 1q |
| Benzaldehyde | ug/L | <1.4 | 10.0 | 06/10/10 21:02 | 1q |
| Benzo(a)anthracene | ug/L | <0.61 | 5.0 | 06/10/10 21:02 | |
| Benzo(a)pyrene | ug/L | <0.97 | 5.0 | 06/10/10 21:02 | |
| Benzo(b)fluoranthene | ug/L | <1.4 | 5.0 | 06/10/10 21:02 | |
| Benzo(g,h,i)perylene | ug/L | <0.77 | 5.0 | 06/10/10 21:02 | |
| Benzo(k)fluoranthene | ug/L | <1.0 | 5.0 | 06/10/10 21:02 | |
| Biphenyl (Diphenyl) | ug/L | <1.5 | 10.0 | 06/10/10 21:02 | 1q |
| bis(2-Chloroethoxy)methane | ug/L | <1.2 | 5.0 | 06/10/10 21:02 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 109 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

METHOD BLANK: 311699

Matrix: Water

Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018, 4032925019

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| bis(2-Chloroethyl) ether | ug/L | <0.66 | 5.0 | 06/10/10 21:02 | |
| bis(2-Ethylhexyl)phthalate | ug/L | <2.6 | 5.0 | 06/10/10 21:02 | |
| Butylbenzylphthalate | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| Caprolactam | ug/L | <1.4 | 10.0 | 06/10/10 21:02 | 1q |
| Carbazole | ug/L | <0.69 | 5.0 | 06/10/10 21:02 | |
| Chrysene | ug/L | <0.78 | 5.0 | 06/10/10 21:02 | |
| Di-n-butylphthalate | ug/L | <0.90 | 5.0 | 06/10/10 21:02 | |
| Di-n-octylphthalate | ug/L | <1.5 | 5.0 | 06/10/10 21:02 | |
| Dibenz(a,h)anthracene | ug/L | <1.4 | 5.0 | 06/10/10 21:02 | |
| Dibenzofuran | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| Diethylphthalate | ug/L | <1.3 | 5.0 | 06/10/10 21:02 | |
| Dimethylphthalate | ug/L | <1.0 | 5.0 | 06/10/10 21:02 | |
| Fluoranthene | ug/L | <0.91 | 5.0 | 06/10/10 21:02 | |
| Fluorene | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| Hexachloro-1,3-butadiene | ug/L | <0.66 | 10.0 | 06/10/10 21:02 | |
| Hexachlorobenzene | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| Hexachlorocyclopentadiene | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| Hexachloroethane | ug/L | <0.58 | 5.0 | 06/10/10 21:02 | |
| Indeno(1,2,3-cd)pyrene | ug/L | <0.67 | 5.0 | 06/10/10 21:02 | |
| Isophorone | ug/L | <1.4 | 5.0 | 06/10/10 21:02 | |
| N-Nitroso-di-n-propylamine | ug/L | <1.1 | 5.0 | 06/10/10 21:02 | |
| N-Nitrosodiphenylamine | ug/L | <2.5 | 10.0 | 06/10/10 21:02 | |
| Naphthalene | ug/L | <0.70 | 5.0 | 06/10/10 21:02 | |
| Nitrobenzene | ug/L | <1.4 | 5.0 | 06/10/10 21:02 | |
| Pentachlorophenol | ug/L | <1.1 | 10.0 | 06/10/10 21:02 | |
| Phenanthrene | ug/L | <0.63 | 5.0 | 06/10/10 21:02 | |
| Phenol | ug/L | <1.0 | 5.0 | 06/10/10 21:02 | |
| Pyrene | ug/L | <1.6 | 5.0 | 06/10/10 21:02 | |
| 2,4,6-Tribromophenol (S) | %- | 78 | 42-130 | 06/10/10 21:02 | |
| 2-Fluorobiphenyl (S) | %- | 87 | 66-130 | 06/10/10 21:02 | |
| 2-Fluorophenol (S) | %- | 45 | 32-130 | 06/10/10 21:02 | |
| Nitrobenzene-d5 (S) | %- | 66 | 66-130 | 06/10/10 21:02 | |
| Phenol-d6 (S) | %- | 24 | 20-130 | 06/10/10 21:02 | |
| Terphenyl-d14 (S) | %- | 81 | 52-130 | 06/10/10 21:02 | |

LABORATORY CONTROL SAMPLE: 311700

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2,4-Trichlorobenzene | ug/L | 50 | 47.3 | 95 | 63-130 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 44.7 | 89 | 55-130 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 43.6 | 87 | 51-130 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 43.7 | 87 | 52-130 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | 50 | 37.9 | 76 | 58-130 | |
| 2,4,5-Trichlorophenol | ug/L | 50 | 49.6 | 99 | 70-130 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 110 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

LABORATORY CONTROL SAMPLE: 311700

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------------|-------|-------------|------------|-----------|--------------|------------|
| 2,4,6-Trichlorophenol | ug/L | 50 | 51.6 | 103 | 70-130 | |
| 2,4-Dichlorophenol | ug/L | 50 | 51.6 | 103 | 68-130 | |
| 2,4-Dimethylphenol | ug/L | 50 | 35.9 | 72 | 34-130 | |
| 2,4-Dinitrophenol | ug/L | 50 | 32.2 | 64 | 43-130 | |
| 2,4-Dinitrotoluene | ug/L | 50 | 57.7 | 115 | 70-130 | |
| 2,6-Dinitrotoluene | ug/L | 50 | 56.4 | 113 | 70-130 | |
| 2-Chloronaphthalene | ug/L | 50 | 56.2 | 112 | 70-130 | |
| 2-Chlorophenol | ug/L | 50 | 46.4 | 93 | 59-130 | |
| 2-Methylnaphthalene | ug/L | 50 | 50.8 | 102 | 70-130 | |
| 2-Methylphenol(o-Cresol) | ug/L | 50 | 40.4 | 81 | 54-130 | |
| 2-Nitroaniline | ug/L | 50 | 45.7 | 91 | 67-130 | |
| 2-Nitrophenol | ug/L | 50 | 56.6 | 113 | 65-130 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 50 | 35.8 | 72 | 48-130 | |
| 3,3'-Dichlorobenzidine | ug/L | 50 | 45.3 | 91 | 39-130 | |
| 3-Nitroaniline | ug/L | 50 | 54.8 | 110 | 64-130 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 50 | 46.3 | 93 | 65-130 | |
| 4-Bromophenylphenyl ether | ug/L | 50 | 54.6 | 109 | 70-130 | |
| 4-Chloro-3-methylphenol | ug/L | 50 | 43.3 | 87 | 70-130 | |
| 4-Chloroaniline | ug/L | 50 | 48.4 | 97 | 34-130 | |
| 4-Chlorophenylphenyl ether | ug/L | 50 | 53.5 | 107 | 70-130 | |
| 4-Nitroaniline | ug/L | 50 | 54.9 | 110 | 53-140 | |
| 4-Nitrophenol | ug/L | 50 | 13.3 | 27 | 13-130 | |
| Acenaphthene | ug/L | 50 | 54.5 | 109 | 70-130 | |
| Acenaphthylene | ug/L | 50 | 50.7 | 101 | 70-130 | |
| Anthracene | ug/L | 50 | 54.1 | 108 | 70-130 | |
| Benzo(a)anthracene | ug/L | 50 | 51.1 | 102 | 62-130 | |
| Benzo(a)pyrene | ug/L | 50 | 47.1 | 94 | 53-130 | |
| Benzo(b)fluoranthene | ug/L | 50 | 53.7 | 107 | 57-130 | |
| Benzo(g,h,i)perylene | ug/L | 50 | 36.7 | 73 | 47-130 | |
| Benzo(k)fluoranthene | ug/L | 50 | 68.5 | 137 | 58-133 L0 | |
| bis(2-Chloroethoxy)methane | ug/L | 50 | 52.0 | 104 | 70-130 | |
| bis(2-Chloroethyl) ether | ug/L | 50 | 39.6 | 79 | 59-130 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 50 | 62.3 | 125 | 66-130 | |
| Butylbenzylphthalate | ug/L | 50 | 59.3 | 119 | 64-130 | |
| Carbazole | ug/L | 50 | 54.8 | 110 | 70-130 | |
| Chrysene | ug/L | 50 | 49.6 | 99 | 60-130 | |
| Di-n-butylphthalate | ug/L | 50 | 63.7 | 127 | 70-130 | |
| Di-n-octylphthalate | ug/L | 50 | 64.2 | 128 | 57-130 | |
| Dibenz(a,h)anthracene | ug/L | 50 | 37.0 | 74 | 43-130 | |
| Dibenzofuran | ug/L | 50 | 58.9 | 118 | 70-130 | |
| Diethylphthalate | ug/L | 50 | 61.7 | 123 | 70-130 | |
| Dimethylphthalate | ug/L | 50 | 56.2 | 112 | 70-130 | |
| Fluoranthene | ug/L | 50 | 53.4 | 107 | 69-130 | |
| Fluorene | ug/L | 50 | 54.6 | 109 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/L | 50 | 46.2 | 92 | 59-130 | |
| Hexachlorobenzene | ug/L | 50 | 63.4 | 127 | 68-130 | |
| Hexachlorocyclopentadiene | ug/L | 50 | 28.1 | 56 | 10-130 | |
| Hexachloroethane | ug/L | 50 | 35.4 | 71 | 50-130 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 111 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

LABORATORY CONTROL SAMPLE: 311700

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------------|-------|-------------|------------|-----------|--------------|------------|
| Indeno(1,2,3-cd)pyrene | ug/L | 50 | 31.6 | 63 | 13-147 | |
| Isophorone | ug/L | 50 | 41.5 | 83 | 10-149 | |
| N-Nitroso-di-n-propylamine | ug/L | 50 | 39.2 | 78 | 66-130 | |
| N-Nitrosodiphenylamine | ug/L | 50 | 56.8 | 114 | 54-132 | |
| Naphthalene | ug/L | 50 | 47.0 | 94 | 68-130 | |
| Nitrobenzene | ug/L | 50 | 48.5 | 97 | 63-130 | |
| Pentachlorophenol | ug/L | 50 | 37.8 | 76 | 54-130 | |
| Phenanthrene | ug/L | 50 | 53.8 | 108 | 70-130 | |
| Phenol | ug/L | 50 | 20.7 | 41 | 23-130 | |
| Pyrene | ug/L | 50 | 47.9 | 96 | 50-132 | |
| 2,4,6-Tribromophenol (S) | %- | | | 131 | 42-130 | S0 |
| 2-Fluorobiphenyl (S) | %- | | | 109 | 66-130 | |
| 2-Fluorophenol (S) | %- | | | 62 | 32-130 | |
| Nitrobenzene-d5 (S) | %- | | | 89 | 66-130 | |
| Phenol-d6 (S) | %- | | | 39 | 20-130 | |
| Terphenyl-d14 (S) | %- | | | 98 | 52-130 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 311701 311702

| Parameter | Units | 4032925013 | | MS | MSD | MS | MSD | MS | MSD | % Rec | Max | Qual |
|------------------------------|-------|------------|-------|-------------|-------------|------|-----|-----|--------|-------|-----|------|
| | | Result | Conc. | Spike Conc. | Spike Conc. | | | | | | | |
| 1,2,4-Trichlorobenzene | ug/L | <0.93 | 55.6 | 58.1 | 50.7 | 50.2 | 91 | 86 | 59-130 | .9 | 20 | |
| 1,2-Dichlorobenzene | ug/L | <0.76 | 55.6 | 58.1 | 47.1 | 46.0 | 85 | 79 | 51-130 | 2 | 22 | |
| 1,3-Dichlorobenzene | ug/L | <0.89 | 55.6 | 58.1 | 46.2 | 45.2 | 83 | 78 | 46-130 | 2 | 25 | |
| 1,4-Dichlorobenzene | ug/L | <0.92 | 55.6 | 58.1 | 46.0 | 44.8 | 83 | 77 | 49-130 | 3 | 22 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | <0.88 | 55.6 | 58.1 | 37.2 | 36.9 | 67 | 64 | 65-130 | .8 | 21 | M0 |
| 2,4,5-Trichlorophenol | ug/L | <1.1 | 55.6 | 58.1 | 57.2 | 58.4 | 103 | 100 | 47-133 | 2 | 20 | |
| 2,4,6-Trichlorophenol | ug/L | <1.1 | 55.6 | 58.1 | 55.1 | 55.2 | 99 | 95 | 53-130 | .2 | 23 | |
| 2,4-Dichlorophenol | ug/L | <1.2 | 55.6 | 58.1 | 58.3 | 52.6 | 105 | 90 | 52-130 | 10 | 20 | |
| 2,4-Dimethylphenol | ug/L | <1.2 | 55.6 | 58.1 | 36.6 | 32.6 | 66 | 56 | 10-136 | 11 | 30 | |
| 2,4-Dinitrophenol | ug/L | <2.2 | 55.6 | 58.1 | 45.4 | 46.5 | 82 | 80 | 39-145 | 2 | 40 | |
| 2,4-Dinitrotoluene | ug/L | <0.87 | 55.6 | 58.1 | 58.0 | 58.8 | 104 | 101 | 70-130 | 1 | 20 | |
| 2,6-Dinitrotoluene | ug/L | <1.2 | 55.6 | 58.1 | 58.4 | 58.8 | 105 | 101 | 47-140 | .7 | 20 | |
| 2-Chloronaphthalene | ug/L | <0.91 | 55.6 | 58.1 | 58.7 | 58.0 | 106 | 100 | 67-130 | 1 | 23 | |
| 2-Chlorophenol | ug/L | <0.75 | 55.6 | 58.1 | 48.3 | 47.3 | 87 | 81 | 59-130 | 2 | 21 | |
| 2-Methylnaphthalene | ug/L | <1.5 | 55.6 | 58.1 | 53.1 | 55.8 | 96 | 96 | 65-130 | 5 | 20 | |
| 2-Methylphenol(o-Cresol) | ug/L | <1.0 | 55.6 | 58.1 | 42.6 | 43.9 | 77 | 75 | 40-130 | 3 | 20 | |
| 2-Nitroaniline | ug/L | <0.90 | 55.6 | 58.1 | 42.2 | 43.5 | 76 | 75 | 36-135 | 3 | 20 | |
| 2-Nitrophenol | ug/L | <1.5 | 55.6 | 58.1 | 59.1 | 56.9 | 106 | 98 | 60-130 | 4 | 23 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | <0.83 | 55.6 | 58.1 | 37.3 | 41.1 | 67 | 71 | 32-130 | 10 | 20 | |
| 3,3'-Dichlorobenzidine | ug/L | <1.2 | 55.6 | 58.1 | 27.3 | 31.3 | 49 | 54 | 10-152 | 14 | 40 | |
| 3-Nitroaniline | ug/L | <1.0 | 55.6 | 58.1 | 48.7 | 50.4 | 88 | 87 | 10-138 | 3 | 20 | |
| 4,6-Dinitro-2-methylphenol | ug/L | <0.80 | 55.6 | 58.1 | 51.7 | 52.5 | 93 | 90 | 60-133 | 2 | 31 | |
| 4-Bromophenylphenyl ether | ug/L | <1.4 | 55.6 | 58.1 | 59.2 | 63.3 | 107 | 109 | 59-130 | 7 | 22 | |
| 4-Chloro-3-methylphenol | ug/L | <1.1 | 55.6 | 58.1 | 45.4 | 50.2 | 82 | 86 | 44-130 | 10 | 20 | |
| 4-Chloroaniline | ug/L | <0.87 | 55.6 | 58.1 | 49.9 | 52.9 | 90 | 91 | 10-130 | 6 | 22 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 112 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| Parameter | 4032925013 | | MS | | MSD | | MS | | MSD | | MS | | MSD | | % Rec | | Limits | | Max | | Qual | |
|----------------------------|------------|--------|-------------|-----------------|-----------|------------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------|--|
| | Units | Result | Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | MS % Rec | MSD % Rec | MS % Rec | MSD % Rec | MS % Rec | MSD % Rec | MS % Rec | MSD % Rec | MS % Rec | MSD % Rec | MS % Rec | MSD % Rec | | |
| 4-Chlorophenylphenyl ether | ug/L | <1.3 | 55.6 | 58.1 | 57.4 | 58.4 | 103 | 100 | 65-130 | 2 | 21 | | | | | | | | | | | |
| 4-Nitroaniline | ug/L | <1.2 | 55.6 | 58.1 | 42.5 | 41.5 | 76 | 71 | 10-159 | 2 | 24 | | | | | | | | | | | |
| 4-Nitrophenol | ug/L | <0.94 | 55.6 | 58.1 | 14.6 | 16.2 | 26 | 28 | 10-130 | 10 | 31 | | | | | | | | | | | |
| Acenaphthene | ug/L | <1.0 | 55.6 | 58.1 | 57.2 | 57.8 | 103 | 99 | 70-130 | 1 | 20 | | | | | | | | | | | |
| Acenaphthylene | ug/L | <1.1 | 55.6 | 58.1 | 51.9 | 53.0 | 93 | 91 | 63-130 | 2 | 20 | | | | | | | | | | | |
| Anthracene | ug/L | <0.67 | 55.6 | 58.1 | 54.1 | 54.6 | 97 | 94 | 64-130 | .8 | 21 | | | | | | | | | | | |
| Benzo(a)anthracene | ug/L | <0.66 | 55.6 | 58.1 | 53.4 | 53.9 | 96 | 93 | 53-130 | .8 | 20 | | | | | | | | | | | |
| Benzo(a)pyrene | ug/L | <1.0 | 55.6 | 58.1 | 46.8 | 51.1 | 84 | 88 | 34-131 | 9 | 20 | | | | | | | | | | | |
| Benzo(b)fluoranthene | ug/L | <1.6 | 55.6 | 58.1 | 53.5 | 54.4 | 96 | 94 | 41-133 | 2 | 27 | | | | | | | | | | | |
| Benzo(g,h,i)perylene | ug/L | <0.83 | 55.6 | 58.1 | 52.2 | 45.3 | 94 | 78 | 31-135 | 14 | 50 | | | | | | | | | | | |
| Benzo(k)fluoranthene | ug/L | <1.1 | 55.6 | 58.1 | 59.8 | 73.7 | 108 | 127 | 47-142 | 21 | 29 | | | | | | | | | | | |
| bis(2-Chloroethoxy)methane | ug/L | <1.3 | 55.6 | 58.1 | 51.7 | 51.7 | 93 | 89 | 69-130 | .002 | 21 | | | | | | | | | | | |
| bis(2-Chloroethyl) ether | ug/L | <0.71 | 55.6 | 58.1 | 39.8 | 38.2 | 72 | 66 | 65-130 | 4 | 21 | | | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | ug/L | <2.8 | 55.6 | 58.1 | 62.2 | 64.3 | 112 | 111 | 67-130 | 3 | 27 | | | | | | | | | | | |
| Butylbenzylphthalate | ug/L | <1.2 | 55.6 | 58.1 | 60.3 | 63.6 | 109 | 109 | 67-130 | 5 | 22 | | | | | | | | | | | |
| Carbazole | ug/L | <0.75 | 55.6 | 58.1 | 53.5 | 51.8 | 96 | 89 | 58-132 | 3 | 20 | | | | | | | | | | | |
| Chrysene | ug/L | <0.84 | 55.6 | 58.1 | 50.0 | 54.2 | 90 | 93 | 59-130 | 8 | 20 | | | | | | | | | | | |
| Di-n-butylphthalate | ug/L | <0.96 | 55.6 | 58.1 | 63.4 | 60.4 | 114 | 104 | 60-136 | 5 | 20 | | | | | | | | | | | |
| Di-n-octylphthalate | ug/L | <1.6 | 55.6 | 58.1 | 61.1 | 56.4 | 110 | 97 | 65-130 | 8 | 22 | | | | | | | | | | | |
| Dibenz(a,h)anthracene | ug/L | <1.5 | 55.6 | 58.1 | 52.5 | 27.2 | 94 | 47 | 28-135 | 64 | 21 | R1 | | | | | | | | | | |
| Dibenzofuran | ug/L | <1.1 | 55.6 | 58.1 | 60.3 | 63.0 | 109 | 108 | 70-130 | 4 | 20 | | | | | | | | | | | |
| Diethylphthalate | ug/L | <1.4 | 55.6 | 58.1 | 65.1 | 65.1 | 117 | 112 | 70-130 | .009 | 20 | | | | | | | | | | | |
| Dimethylphthalate | ug/L | <1.1 | 55.6 | 58.1 | 58.9 | 58.6 | 106 | 101 | 69-130 | .6 | 20 | | | | | | | | | | | |
| Fluoranthene | ug/L | <0.98 | 55.6 | 58.1 | 54.2 | 50.7 | 98 | 87 | 61-130 | 7 | 20 | | | | | | | | | | | |
| Fluorene | ug/L | <1.2 | 55.6 | 58.1 | 55.8 | 55.9 | 100 | 96 | 70-130 | .2 | 20 | | | | | | | | | | | |
| Hexachloro-1,3-butadiene | ug/L | <0.71 | 55.6 | 58.1 | 49.9 | 51.9 | 90 | 89 | 53-130 | 4 | 22 | | | | | | | | | | | |
| Hexachlorobenzene | ug/L | <1.2 | 55.6 | 58.1 | 66.1 | 68.5 | 119 | 118 | 59-130 | 4 | 22 | | | | | | | | | | | |
| Hexachlorocyclopentadiene | ug/L | <1.2 | 55.6 | 58.1 | 27.9 | 27.1 | 50 | 47 | 10-130 | 3 | 52 | | | | | | | | | | | |
| Hexachloroethane | ug/L | <0.63 | 55.6 | 58.1 | 37.1 | 38.5 | 67 | 66 | 47-130 | 4 | 25 | | | | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ug/L | <0.72 | 55.6 | 58.1 | 40.6 | 40.1 | 73 | 69 | 10-145 | 1 | 31 | | | | | | | | | | | |
| Isophorone | ug/L | <1.5 | 55.6 | 58.1 | 43.0 | 44.4 | 77 | 76 | 10-145 | 3 | 20 | | | | | | | | | | | |
| N-Nitroso-di-n-propylamine | ug/L | <1.1 | 55.6 | 58.1 | 42.5 | 43.6 | 76 | 75 | 61-130 | 3 | 21 | | | | | | | | | | | |
| N-Nitrosodiphenylamine | ug/L | <2.6 | 55.6 | 58.1 | 59.4 | 58.8 | 107 | 101 | 49-141 | .9 | 42 | | | | | | | | | | | |
| Naphthalene | ug/L | <0.76 | 55.6 | 58.1 | 47.9 | 48.2 | 86 | 83 | 65-130 | .6 | 20 | | | | | | | | | | | |
| Nitrobenzene | ug/L | <1.5 | 55.6 | 58.1 | 52.1 | 47.5 | 94 | 82 | 59-130 | 9 | 23 | | | | | | | | | | | |
| Pentachlorophenol | ug/L | <1.2 | 55.6 | 58.1 | 47.3 | 47.9 | 85 | 82 | 45-133 | 1 | 21 | | | | | | | | | | | |
| Phenanthrene | ug/L | <0.68 | 55.6 | 58.1 | 55.1 | 56.3 | 99 | 97 | 70-130 | 2 | 20 | | | | | | | | | | | |
| Phenol | ug/L | <1.1 | 55.6 | 58.1 | 22.2 | 23.4 | 40 | 40 | 22-130 | 5 | 20 | | | | | | | | | | | |
| Pyrene | ug/L | <1.7 | 55.6 | 58.1 | 51.9 | 61.4 | 93 | 106 | 40-131 | 17 | 25 | | | | | | | | | | | |
| 2,4,6-Tribromophenol (S) | %- | | | | | | | 131 | 121 | 42-130 | | | | | | | | | | | S0 | |
| 2-Fluorobiphenyl (S) | %- | | | | | | | 96 | 90 | 66-130 | | | | | | | | | | | | |
| 2-Fluorophenol (S) | %- | | | | | | | 58 | 53 | 32-130 | | | | | | | | | | | | |
| Nitrobenzene-d5 (S) | %- | | | | | | | 77 | 70 | 66-130 | | | | | | | | | | | | |
| Phenol-d6 (S) | %- | | | | | | | 36 | 36 | 20-130 | | | | | | | | | | | | |
| Terphenyl-d14 (S) | %- | | | | | | | 97 | 107 | 52-130 | | | | | | | | | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

QC Batch: MSV/8084 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
 Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

METHOD BLANK: 312526 Matrix: Solid
 Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,1-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,2,3-Trichlorobenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,2,3-Trichloropropane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,2,4-Trichlorobenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,2,4-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <82.3 | 250 | 06/11/10 12:40 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,2-Dichlorobenzene | ug/kg | <44.4 | 60.0 | 06/11/10 12:40 | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,3,5-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,3-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 2,2-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 2-Chlorotoluene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 4-Chlorotoluene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Benzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Bromobenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Bromochloromethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Bromodichloromethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Bromoform | ug/kg | <25.9 | 60.0 | 06/11/10 12:40 | |
| Bromomethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Carbon tetrachloride | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Chlorobenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Chloroethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Chloroform | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Chloromethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| cis-1,3-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Dibromochloromethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Dibromomethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Dichlorodifluoromethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Diisopropyl ether | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Ethylbenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 114 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

METHOD BLANK: 312526

Matrix: Solid

Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Hexachloro-1,3-butadiene | ug/kg | <26.4 | 60.0 | 06/11/10 12:40 | |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| m&p-Xylene | ug/kg | <50.0 | 120 | 06/11/10 12:40 | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Methylene Chloride | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| n-Butylbenzene | ug/kg | <40.4 | 60.0 | 06/11/10 12:40 | |
| n-Propylbenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Naphthalene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| o-Xylene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| p-Isopropyltoluene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| sec-Butylbenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Styrene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| tert-Butylbenzene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Tetrachloroethene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Toluene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Trichloroethene | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Trichlorofluoromethane | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| Vinyl chloride | ug/kg | <25.0 | 60.0 | 06/11/10 12:40 | |
| 4-Bromofluorobenzene (S) | %- | 88 | 55-141 | 06/11/10 12:40 | |
| Dibromofluoromethane (S) | %- | 89 | 67-143 | 06/11/10 12:40 | |
| Toluene-d8 (S) | %- | 102 | 67-132 | 06/11/10 12:40 | |

LABORATORY CONTROL SAMPLE & LCSD: 312527

312528

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2270 | 2400 | 91 | 96 | 67-130 | 6 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 1970 | 2160 | 79 | 86 | 70-130 | 9 | 20 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2250 | 2300 | 90 | 92 | 70-130 | 2 | 20 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2240 | 2340 | 90 | 93 | 70-130 | 4 | 20 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2250 | 2360 | 90 | 94 | 70-130 | 5 | 20 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 2210 | 2280 | 88 | 91 | 70-130 | 3 | 20 | |
| 1,2-Dichloropropane | ug/kg | 2500 | 2340 | 2410 | 93 | 96 | 70-130 | 3 | 20 | |
| Benzene | ug/kg | 2500 | 2250 | 2350 | 90 | 94 | 70-130 | 5 | 20 | |
| Bromodichloromethane | ug/kg | 2500 | 1920 | 1990 | 77 | 80 | 70-130 | 4 | 20 | |
| Bromoform | ug/kg | 2500 | 1640 | 1660 | 66 | 66 | 68-130 | 2 | 20 L0 | |
| Bromomethane | ug/kg | 2500 | 2070 | 2120 | 83 | 85 | 52-160 | 2 | 20 | |
| Carbon tetrachloride | ug/kg | 2500 | 2090 | 2210 | 84 | 88 | 70-130 | 5 | 20 | |
| Chlorobenzene | ug/kg | 2500 | 2350 | 2380 | 94 | 95 | 70-130 | 1 | 20 | |
| Chloroethane | ug/kg | 2500 | 2710 | 2580 | 108 | 103 | 38-172 | 5 | 20 | |
| Chloroform | ug/kg | 2500 | 2170 | 2230 | 87 | 89 | 70-130 | 3 | 20 | |
| Chloromethane | ug/kg | 2500 | 1980 | 2050 | 79 | 82 | 68-130 | 3 | 20 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2220 | 2320 | 89 | 93 | 70-130 | 4 | 20 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 115 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| LABORATORY CONTROL SAMPLE & LCSD: | | 312527 | 312528 | | LCS | LCSD | % Rec | | Max | |
|-----------------------------------|-------|-------------|------------|-------------|-------|-------|--------------|-----|-----|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | % Rec | % Rec | % Rec Limits | RPD | RPD | Qualifiers |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 1980 | 2070 | 79 | 83 | 70-130 | 5 | 20 | |
| Dibromochloromethane | ug/kg | 2500 | 1960 | 2040 | 78 | 82 | 70-130 | 4 | 20 | |
| Ethylbenzene | ug/kg | 2500 | 2530 | 2570 | 101 | 103 | 70-130 | 2 | 20 | |
| m&p-Xylene | ug/kg | 5000 | 5320 | 5350 | 106 | 107 | 70-130 | .6 | 20 | |
| Methylene Chloride | ug/kg | 2500 | 2170 | 2290 | 87 | 92 | 70-130 | 5 | 20 | |
| o-Xylene | ug/kg | 2500 | 2340 | 2360 | 94 | 95 | 70-130 | 1 | 20 | |
| Styrene | ug/kg | 2500 | 2240 | 2260 | 90 | 90 | 66-130 | 1 | 20 | |
| Tetrachloroethene | ug/kg | 2500 | 2390 | 2460 | 95 | 98 | 70-130 | 3 | 20 | |
| Toluene | ug/kg | 2500 | 2520 | 2610 | 101 | 104 | 70-130 | 3 | 20 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2260 | 2300 | 91 | 92 | 70-130 | 2 | 20 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 1860 | 1890 | 75 | 76 | 70-130 | 1 | 20 | |
| Trichloroethene | ug/kg | 2500 | 2310 | 2390 | 92 | 96 | 70-130 | 4 | 20 | |
| Vinyl chloride | ug/kg | 2500 | 1960 | 2060 | 79 | 82 | 70-130 | 5 | 20 | |
| 4-Bromofluorobenzene (S) | %- | | | | 90 | 89 | 55-141 | | | |
| Dibromofluoromethane (S) | %- | | | | 93 | 95 | 67-143 | | | |
| Toluene-d8 (S) | %- | | | | 101 | 101 | 67-132 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

QC Batch: MSV/8049 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4032925018, 4032925019, 4032925020

METHOD BLANK: 311284 Matrix: Water

Associated Lab Samples: 4032925018, 4032925019, 4032925020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.92 | 1.0 | 06/09/10 08:11 | |
| 1,1,1-Trichloroethane | ug/L | <0.90 | 1.0 | 06/09/10 08:11 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 1.0 | 06/09/10 08:11 | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 1.0 | 06/09/10 08:11 | |
| 1,1-Dichloroethane | ug/L | <0.75 | 1.0 | 06/09/10 08:11 | |
| 1,1-Dichloroethene | ug/L | <0.57 | 1.0 | 06/09/10 08:11 | |
| 1,1-Dichloropropene | ug/L | <0.75 | 1.0 | 06/09/10 08:11 | |
| 1,2,3-Trichlorobenzene | ug/L | <0.74 | 1.0 | 06/09/10 08:11 | |
| 1,2,3-Trichloropropane | ug/L | <0.99 | 1.0 | 06/09/10 08:11 | |
| 1,2,4-Trichlorobenzene | ug/L | <0.97 | 1.0 | 06/09/10 08:11 | |
| 1,2,4-Trimethylbenzene | ug/L | <0.97 | 1.0 | 06/09/10 08:11 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <1.7 | 5.0 | 06/09/10 08:11 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.56 | 1.0 | 06/09/10 08:11 | |
| 1,2-Dichlorobenzene | ug/L | <0.83 | 1.0 | 06/09/10 08:11 | |
| 1,2-Dichloroethane | ug/L | <0.36 | 1.0 | 06/09/10 08:11 | |
| 1,2-Dichloropropane | ug/L | <0.49 | 1.0 | 06/09/10 08:11 | |
| 1,3,5-Trimethylbenzene | ug/L | <0.83 | 1.0 | 06/09/10 08:11 | |
| 1,3-Dichlorobenzene | ug/L | <0.87 | 1.0 | 06/09/10 08:11 | |
| 1,3-Dichloropropane | ug/L | <0.61 | 1.0 | 06/09/10 08:11 | |
| 1,4-Dichlorobenzene | ug/L | <0.95 | 1.0 | 06/09/10 08:11 | |
| 2,2-Dichloropropane | ug/L | <0.62 | 1.0 | 06/09/10 08:11 | |
| 2-Chlorotoluene | ug/L | <0.85 | 1.0 | 06/09/10 08:11 | |
| 4-Chlorotoluene | ug/L | <0.74 | 1.0 | 06/09/10 08:11 | |
| Benzene | ug/L | <0.41 | 1.0 | 06/09/10 08:11 | |
| Bromobenzene | ug/L | <0.82 | 1.0 | 06/09/10 08:11 | |
| Bromochloromethane | ug/L | <0.97 | 1.0 | 06/09/10 08:11 | |
| Bromodichloromethane | ug/L | <0.56 | 1.0 | 06/09/10 08:11 | |
| Bromoform | ug/L | <0.94 | 1.0 | 06/09/10 08:11 | |
| Bromomethane | ug/L | <0.91 | 1.0 | 06/09/10 08:11 | |
| Carbon tetrachloride | ug/L | <0.49 | 1.0 | 06/09/10 08:11 | |
| Chlorobenzene | ug/L | <0.41 | 1.0 | 06/09/10 08:11 | |
| Chloroethane | ug/L | <0.97 | 1.0 | 06/09/10 08:11 | |
| Chloroform | ug/L | <1.3 | 5.0 | 06/09/10 08:11 | |
| Chloromethane | ug/L | <0.24 | 1.0 | 06/09/10 08:11 | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 1.0 | 06/09/10 08:11 | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 1.0 | 06/09/10 08:11 | |
| Dibromochloromethane | ug/L | <0.81 | 1.0 | 06/09/10 08:11 | |
| Dibromomethane | ug/L | <0.60 | 1.0 | 06/09/10 08:11 | |
| Dichlorodifluoromethane | ug/L | <0.99 | 1.0 | 06/09/10 08:11 | |
| Diisopropyl ether | ug/L | <0.76 | 1.0 | 06/09/10 08:11 | |
| Ethylbenzene | ug/L | <0.54 | 1.0 | 06/09/10 08:11 | |
| Hexachloro-1,3-butadiene | ug/L | <0.67 | 5.0 | 06/09/10 08:11 | |
| Isopropylbenzene (Cumene) | ug/L | <0.59 | 1.0 | 06/09/10 08:11 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 117 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Project No.: 4032925

METHOD BLANK: 311284

Matrix: Water

Associated Lab Samples: 4032925018, 4032925019, 4032925020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| m&p-Xylene | ug/L | <1.8 | 2.0 | 06/09/10 08:11 | |
| Methyl-tert-butyl ether | ug/L | <0.61 | 1.0 | 06/09/10 08:11 | |
| Methylene Chloride | ug/L | <0.43 | 1.0 | 06/09/10 08:11 | |
| n-Butylbenzene | ug/L | <0.93 | 1.0 | 06/09/10 08:11 | |
| n-Propylbenzene | ug/L | <0.81 | 1.0 | 06/09/10 08:11 | |
| Naphthalene | ug/L | <0.89 | 5.0 | 06/09/10 08:11 | |
| o-Xylene | ug/L | <0.83 | 1.0 | 06/09/10 08:11 | |
| p-Isopropyltoluene | ug/L | <0.67 | 1.0 | 06/09/10 08:11 | |
| sec-Butylbenzene | ug/L | <0.89 | 5.0 | 06/09/10 08:11 | |
| Styrene | ug/L | <0.86 | 1.0 | 06/09/10 08:11 | |
| tert-Butylbenzene | ug/L | <0.97 | 1.0 | 06/09/10 08:11 | |
| Tetrachloroethene | ug/L | <0.45 | 1.0 | 06/09/10 08:11 | |
| Toluene | ug/L | <0.67 | 1.0 | 06/09/10 08:11 | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 1.0 | 06/09/10 08:11 | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 1.0 | 06/09/10 08:11 | |
| Trichloroethene | ug/L | <0.48 | 1.0 | 06/09/10 08:11 | |
| Trichlorofluoromethane | ug/L | <0.79 | 1.0 | 06/09/10 08:11 | |
| Vinyl chloride | ug/L | <0.18 | 1.0 | 06/09/10 08:11 | |
| 4-Bromofluorobenzene (S) | %- | 89 | 69-130 | 06/09/10 08:11 | |
| Dibromofluoromethane (S) | %- | 102 | 70-134 | 06/09/10 08:11 | |
| Toluene-d8 (S) | %- | 96 | 70-130 | 06/09/10 08:11 | |

LABORATORY CONTROL SAMPLE & LCSD: 311285

311286

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/L | 50 | 52.7 | 52.2 | 105 | 104 | 70-132 | 1 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 51.3 | 49.8 | 103 | 100 | 63-130 | 3 | 20 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 53.9 | 53.1 | 108 | 106 | 70-130 | 2 | 20 | |
| 1,1-Dichloroethane | ug/L | 50 | 57.3 | 57.0 | 115 | 114 | 70-132 | .5 | 20 | |
| 1,1-Dichloroethene | ug/L | 50 | 54.4 | 54.2 | 109 | 108 | 70-137 | .4 | 20 | |
| 1,2-Dichloroethane | ug/L | 50 | 53.9 | 53.2 | 108 | 106 | 70-130 | 1 | 20 | |
| 1,2-Dichloropropane | ug/L | 50 | 55.8 | 55.1 | 112 | 110 | 70-130 | 1 | 20 | |
| Benzene | ug/L | 50 | 58.4 | 58.3 | 117 | 117 | 70-130 | .2 | 20 | |
| Bromodichloromethane | ug/L | 50 | 55.4 | 55.4 | 111 | 111 | 70-131 | .1 | 20 | |
| Bromoform | ug/L | 50 | 48.5 | 47.9 | 97 | 96 | 70-130 | 1 | 20 | |
| Bromomethane | ug/L | 50 | 52.0 | 54.6 | 104 | 109 | 53-160 | 5 | 20 | |
| Carbon tetrachloride | ug/L | 50 | 52.6 | 52.2 | 105 | 104 | 70-130 | .7 | 20 | |
| Chlorobenzene | ug/L | 50 | 51.4 | 51.7 | 103 | 103 | 70-130 | .7 | 20 | |
| Chloroethane | ug/L | 50 | 60.8 | 60.7 | 122 | 121 | 70-147 | .2 | 20 | |
| Chloroform | ug/L | 50 | 54.3 | 54.5 | 109 | 109 | 70-130 | .4 | 20 | |
| Chloromethane | ug/L | 50 | 53.2 | 53.7 | 106 | 107 | 41-137 | 1 | 20 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 54.6 | 54.1 | 109 | 108 | 70-130 | 1 | 20 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 50.6 | 50.0 | 101 | 100 | 70-130 | 1 | 20 | |
| Dibromochloromethane | ug/L | 50 | 51.0 | 51.8 | 102 | 104 | 70-130 | 1 | 20 | |
| Ethylbenzene | ug/L | 50 | 52.5 | 52.9 | 105 | 106 | 70-130 | .6 | 20 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 118 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| LABORATORY CONTROL SAMPLE & LCSD: | | 311285 | | 311286 | | | | | | | |
|-----------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|--|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers | |
| m&p-Xylene | ug/L | 100 | 104 | 104 | 104 | 104 | 70-130 | .3 | 20 | | |
| Methylene Chloride | ug/L | 50 | 53.4 | 48.8 | 107 | 98 | 70-130 | 9 | 20 | | |
| o-Xylene | ug/L | 50 | 50.7 | 51.3 | 101 | 103 | 70-130 | 1 | 20 | | |
| Styrene | ug/L | 50 | 50.9 | 50.7 | 102 | 101 | 70-130 | .4 | 20 | | |
| Tetrachloroethene | ug/L | 50 | 50.2 | 49.8 | 100 | 100 | 70-130 | .6 | 20 | | |
| Toluene | ug/L | 50 | 52.4 | 52.3 | 105 | 105 | 70-130 | .1 | 20 | | |
| trans-1,2-Dichloroethene | ug/L | 50 | 48.0 | 46.1 | 96 | 92 | 70-130 | 4 | 20 | | |
| trans-1,3-Dichloropropene | ug/L | 50 | 45.8 | 47.2 | 92 | 94 | 70-130 | 3 | 20 | | |
| Trichloroethene | ug/L | 50 | 54.1 | 53.9 | 108 | 108 | 70-130 | .4 | 20 | | |
| Vinyl chloride | ug/L | 50 | 54.1 | 53.8 | 108 | 108 | 47-131 | .7 | 20 | | |
| 4-Bromofluorobenzene (S) | %- | | | | 90 | 91 | 69-130 | | | | |
| Dibromofluoromethane (S) | %- | | | | 102 | 102 | 70-134 | | | | |
| Toluene-d8 (S) | %- | | | | 97 | 97 | 70-130 | | | | |

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: | | 311345 | | 311346 | | | | | | | | | |
|--|-------|------------|-------|----------|-----------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Parameter | Units | 4032930003 | | MS Spike | MSD Spike | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| | | Result | Conc. | Conc. | Conc. | Result | Result | % Rec | % Rec | | | | |
| 1,1,1-Trichloroethane | ug/L | <0.90 | 50 | 50 | 50.8 | 52.4 | 102 | 105 | 70-132 | 3 | 20 | | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 50 | 50 | 50.3 | 51.5 | 101 | 103 | 61-130 | 2 | 20 | | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 50 | 50 | 53.4 | 54.2 | 107 | 108 | 70-130 | 1 | 20 | | |
| 1,1-Dichloroethane | ug/L | <0.75 | 50 | 50 | 56.3 | 56.8 | 113 | 114 | 70-132 | .9 | 20 | | |
| 1,1-Dichloroethene | ug/L | <0.57 | 50 | 50 | 54.3 | 54.0 | 109 | 108 | 70-137 | .4 | 20 | | |
| 1,2-Dichloroethane | ug/L | <0.36 | 50 | 50 | 53.2 | 53.5 | 106 | 107 | 70-133 | .4 | 20 | | |
| 1,2-Dichloropropane | ug/L | <0.49 | 50 | 50 | 55.0 | 56.3 | 110 | 113 | 70-130 | 2 | 20 | | |
| Benzene | ug/L | <0.41 | 50 | 50 | 57.1 | 57.8 | 114 | 116 | 70-130 | 1 | 20 | | |
| Bromodichloromethane | ug/L | <0.56 | 50 | 50 | 54.3 | 55.4 | 109 | 111 | 70-131 | 2 | 20 | | |
| Bromoform | ug/L | <0.94 | 50 | 50 | 46.6 | 48.7 | 93 | 97 | 68-130 | 4 | 20 | | |
| Bromomethane | ug/L | <0.91 | 50 | 50 | 51.2 | 54.6 | 102 | 109 | 47-177 | 6 | 20 | | |
| Carbon tetrachloride | ug/L | <0.49 | 50 | 50 | 51.2 | 52.2 | 102 | 104 | 70-149 | 2 | 20 | | |
| Chlorobenzene | ug/L | <0.41 | 50 | 50 | 50.7 | 50.9 | 101 | 102 | 70-130 | .4 | 20 | | |
| Chloroethane | ug/L | <0.97 | 50 | 50 | 57.4 | 58.5 | 115 | 117 | 66-147 | 2 | 20 | | |
| Chloroform | ug/L | <1.3 | 50 | 50 | 53.8 | 54.1 | 108 | 108 | 70-130 | .4 | 20 | | |
| Chloromethane | ug/L | <0.24 | 50 | 50 | 49.3 | 49.4 | 99 | 99 | 41-137 | .2 | 20 | | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 50 | 50 | 53.3 | 54.5 | 107 | 109 | 70-130 | 2 | 20 | | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 50 | 50 | 49.6 | 50.5 | 99 | 101 | 70-130 | 2 | 20 | | |
| Dibromochloromethane | ug/L | <0.81 | 50 | 50 | 50.9 | 50.6 | 102 | 101 | 70-130 | .6 | 20 | | |
| Ethylbenzene | ug/L | <0.54 | 50 | 50 | 51.8 | 51.9 | 103 | 104 | 70-130 | .2 | 20 | | |
| m&p-Xylene | ug/L | <1.8 | 100 | 100 | 102 | 103 | 102 | 103 | 70-130 | .5 | 20 | | |
| Methylene Chloride | ug/L | <0.43 | 50 | 50 | 49.7 | 39.8 | 99 | 80 | 70-130 | 22 | 20 | R1 | |
| o-Xylene | ug/L | <0.83 | 50 | 50 | 49.6 | 50.4 | 99 | 101 | 70-130 | 2 | 20 | | |
| Styrene | ug/L | <0.86 | 50 | 50 | 49.3 | 49.7 | 99 | 99 | 13-149 | .8 | 20 | | |
| Tetrachloroethene | ug/L | <0.45 | 50 | 50 | 49.3 | 49.0 | 99 | 98 | 70-130 | .6 | 20 | | |
| Toluene | ug/L | <0.67 | 50 | 50 | 51.7 | 52.1 | 103 | 104 | 70-130 | .8 | 20 | | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 50 | 50 | 52.1 | 46.0 | 104 | 92 | 70-130 | 12 | 20 | | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 50 | 50 | 45.8 | 46.4 | 92 | 93 | 70-130 | 1 | 20 | | |
| Trichloroethene | ug/L | <0.48 | 50 | 50 | 53.8 | 53.9 | 108 | 108 | 70-130 | .1 | 20 | | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 119 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| Parameter | Units | 4032930003 | | 311345 | | 311346 | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|--------------------------|-------|------------|----------------|-----------------|-----------|------------|----------|-------|--------|-------|--------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | | | | | | | |
| Vinyl chloride | ug/L | <0.18 | 50 | 50 | 50.2 | 50.8 | 100 | 102 | 46-131 | 1 | 20 | | | |
| 4-Bromofluorobenzene (S) | %- | | | | | | 91 | 90 | 69-130 | | | | | |
| Dibromofluoromethane (S) | %- | | | | | | 101 | 103 | 70-134 | | | | | |
| Toluene-d8 (S) | %- | | | | | | 97 | 96 | 70-130 | | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

QC Batch: MSV/8071 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017

METHOD BLANK: 311931 Matrix: Water
 Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.92 | 1.0 | 06/10/10 11:30 | |
| 1,1,1-Trichloroethane | ug/L | <0.90 | 1.0 | 06/10/10 11:30 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 1.0 | 06/10/10 11:30 | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 1.0 | 06/10/10 11:30 | |
| 1,1-Dichloroethane | ug/L | <0.75 | 1.0 | 06/10/10 11:30 | |
| 1,1-Dichloroethene | ug/L | <0.57 | 1.0 | 06/10/10 11:30 | |
| 1,1-Dichloropropene | ug/L | <0.75 | 1.0 | 06/10/10 11:30 | |
| 1,2,3-Trichlorobenzene | ug/L | <0.74 | 1.0 | 06/10/10 11:30 | |
| 1,2,3-Trichloropropane | ug/L | <0.99 | 1.0 | 06/10/10 11:30 | |
| 1,2,4-Trichlorobenzene | ug/L | <0.97 | 1.0 | 06/10/10 11:30 | |
| 1,2,4-Trimethylbenzene | ug/L | <0.97 | 1.0 | 06/10/10 11:30 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <1.7 | 5.0 | 06/10/10 11:30 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.56 | 1.0 | 06/10/10 11:30 | |
| 1,2-Dichlorobenzene | ug/L | <0.83 | 1.0 | 06/10/10 11:30 | |
| 1,2-Dichloroethane | ug/L | <0.36 | 1.0 | 06/10/10 11:30 | |
| 1,2-Dichloropropane | ug/L | <0.49 | 1.0 | 06/10/10 11:30 | |
| 1,3,5-Trimethylbenzene | ug/L | <0.83 | 1.0 | 06/10/10 11:30 | |
| 1,3-Dichlorobenzene | ug/L | <0.87 | 1.0 | 06/10/10 11:30 | |
| 1,3-Dichloropropane | ug/L | <0.61 | 1.0 | 06/10/10 11:30 | |
| 1,4-Dichlorobenzene | ug/L | <0.95 | 1.0 | 06/10/10 11:30 | |
| 2,2-Dichloropropane | ug/L | <0.62 | 1.0 | 06/10/10 11:30 | |
| 2-Chlorotoluene | ug/L | <0.85 | 1.0 | 06/10/10 11:30 | |
| 4-Chlorotoluene | ug/L | <0.74 | 1.0 | 06/10/10 11:30 | |
| Benzene | ug/L | <0.41 | 1.0 | 06/10/10 11:30 | |
| Bromobenzene | ug/L | <0.82 | 1.0 | 06/10/10 11:30 | |
| Bromochloromethane | ug/L | <0.97 | 1.0 | 06/10/10 11:30 | |
| Bromodichloromethane | ug/L | <0.56 | 1.0 | 06/10/10 11:30 | |
| Bromoform | ug/L | <0.94 | 1.0 | 06/10/10 11:30 | |
| Bromomethane | ug/L | <0.91 | 1.0 | 06/10/10 11:30 | |
| Carbon tetrachloride | ug/L | <0.49 | 1.0 | 06/10/10 11:30 | |
| Chlorobenzene | ug/L | <0.41 | 1.0 | 06/10/10 11:30 | |
| Chloroethane | ug/L | <0.97 | 1.0 | 06/10/10 11:30 | |
| Chloroform | ug/L | <1.3 | 5.0 | 06/10/10 11:30 | |
| Chloromethane | ug/L | <0.24 | 1.0 | 06/10/10 11:30 | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 1.0 | 06/10/10 11:30 | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 1.0 | 06/10/10 11:30 | |
| Dibromochloromethane | ug/L | <0.81 | 1.0 | 06/10/10 11:30 | |
| Dibromomethane | ug/L | <0.60 | 1.0 | 06/10/10 11:30 | |
| Dichlorodifluoromethane | ug/L | <0.99 | 1.0 | 06/10/10 11:30 | |
| Diisopropyl ether | ug/L | <0.76 | 1.0 | 06/10/10 11:30 | |
| Ethylbenzene | ug/L | <0.54 | 1.0 | 06/10/10 11:30 | |
| Hexachloro-1,3-butadiene | ug/L | <0.67 | 5.0 | 06/10/10 11:30 | |
| Isopropylbenzene (Cumene) | ug/L | <0.59 | 1.0 | 06/10/10 11:30 | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 121 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Project No.: 4032925

METHOD BLANK: 311931

Matrix: Water

Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| m&p-Xylene | ug/L | <1.8 | 2.0 | 06/10/10 11:30 | |
| Methyl-tert-butyl ether | ug/L | <0.61 | 1.0 | 06/10/10 11:30 | |
| Methylene Chloride | ug/L | <0.43 | 1.0 | 06/10/10 11:30 | |
| n-Butylbenzene | ug/L | <0.93 | 1.0 | 06/10/10 11:30 | |
| n-Propylbenzene | ug/L | <0.81 | 1.0 | 06/10/10 11:30 | |
| Naphthalene | ug/L | <0.89 | 5.0 | 06/10/10 11:30 | |
| o-Xylene | ug/L | <0.83 | 1.0 | 06/10/10 11:30 | |
| p-Isopropyltoluene | ug/L | <0.67 | 1.0 | 06/10/10 11:30 | |
| sec-Butylbenzene | ug/L | <0.89 | 5.0 | 06/10/10 11:30 | |
| Styrene | ug/L | <0.86 | 1.0 | 06/10/10 11:30 | |
| tert-Butylbenzene | ug/L | <0.97 | 1.0 | 06/10/10 11:30 | |
| Tetrachloroethene | ug/L | <0.45 | 1.0 | 06/10/10 11:30 | |
| Toluene | ug/L | <0.67 | 1.0 | 06/10/10 11:30 | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 1.0 | 06/10/10 11:30 | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 1.0 | 06/10/10 11:30 | |
| Trichloroethene | ug/L | <0.48 | 1.0 | 06/10/10 11:30 | |
| Trichlorofluoromethane | ug/L | <0.79 | 1.0 | 06/10/10 11:30 | |
| Vinyl chloride | ug/L | <0.18 | 1.0 | 06/10/10 11:30 | |
| 4-Bromofluorobenzene (S) | %- | 87 | 69-130 | 06/10/10 11:30 | |
| Dibromofluoromethane (S) | %- | 96 | 70-134 | 06/10/10 11:30 | |
| Toluene-d8 (S) | %- | 98 | 70-130 | 06/10/10 11:30 | |

LABORATORY CONTROL SAMPLE & LCSD: 311932

311933

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/L | 50 | 47.1 | 47.5 | 94 | 95 | 70-132 | .8 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 53.8 | 50.4 | 108 | 101 | 63-130 | 6 | 20 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 53.9 | 53.1 | 108 | 106 | 70-130 | 1 | 20 | |
| 1,1-Dichloroethane | ug/L | 50 | 52.1 | 52.3 | 104 | 105 | 70-132 | .5 | 20 | |
| 1,1-Dichloroethene | ug/L | 50 | 45.3 | 44.9 | 91 | 90 | 70-137 | .9 | 20 | |
| 1,2-Dichloroethane | ug/L | 50 | 47.4 | 47.5 | 95 | 95 | 70-130 | .4 | 20 | |
| 1,2-Dichloropropane | ug/L | 50 | 53.1 | 52.6 | 106 | 105 | 70-130 | .9 | 20 | |
| Benzene | ug/L | 50 | 53.1 | 53.1 | 106 | 106 | 70-130 | .05 | 20 | |
| Bromodichloromethane | ug/L | 50 | 49.9 | 50.3 | 100 | 101 | 70-131 | .8 | 20 | |
| Bromoform | ug/L | 50 | 45.4 | 45.8 | 91 | 92 | 70-130 | 1 | 20 | |
| Bromomethane | ug/L | 50 | 43.1 | 44.9 | 86 | 90 | 53-160 | 4 | 20 | |
| Carbon tetrachloride | ug/L | 50 | 46.5 | 47.3 | 93 | 95 | 70-130 | 2 | 20 | |
| Chlorobenzene | ug/L | 50 | 51.3 | 50.9 | 103 | 102 | 70-130 | .8 | 20 | |
| Chloroethane | ug/L | 50 | 50.4 | 49.9 | 101 | 100 | 70-147 | .9 | 20 | |
| Chloroform | ug/L | 50 | 49.1 | 49.7 | 98 | 99 | 70-130 | 1 | 20 | |
| Chloromethane | ug/L | 50 | 41.2 | 40.5 | 82 | 81 | 41-137 | 2 | 20 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 50.6 | 50.6 | 101 | 101 | 70-130 | .03 | 20 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 48.2 | 47.9 | 96 | 96 | 70-130 | .5 | 20 | |
| Dibromochloromethane | ug/L | 50 | 49.1 | 49.3 | 98 | 99 | 70-130 | .3 | 20 | |
| Ethylbenzene | ug/L | 50 | 51.8 | 51.4 | 104 | 103 | 70-130 | .8 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| LABORATORY CONTROL SAMPLE & LCSD: | | 311932 | 311933 | | | | | | | |
|-----------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|------|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| m&p-Xylene | ug/L | 100 | 102 | 101 | 102 | 101 | 70-130 | .9 | 20 | |
| Methylene Chloride | ug/L | 50 | 42.2 | 35.9 | 84 | 72 | 70-130 | 16 | 20 | |
| o-Xylene | ug/L | 50 | 50.2 | 49.5 | 100 | 99 | 70-130 | 1 | 20 | |
| Styrene | ug/L | 50 | 49.3 | 49.1 | 99 | 98 | 70-130 | .4 | 20 | |
| Tetrachloroethene | ug/L | 50 | 50.0 | 50.5 | 100 | 101 | 70-130 | .9 | 20 | |
| Toluene | ug/L | 50 | 51.8 | 51.7 | 104 | 103 | 70-130 | .008 | 20 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 42.5 | 44.4 | 85 | 89 | 70-130 | 4 | 20 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 45.1 | 45.9 | 90 | 92 | 70-130 | 2 | 20 | |
| Trichloroethene | ug/L | 50 | 51.4 | 51.2 | 103 | 102 | 70-130 | .3 | 20 | |
| Vinyl chloride | ug/L | 50 | 42.8 | 42.7 | 86 | 85 | 47-131 | .1 | 20 | |
| 4-Bromofluorobenzene (S) | %- | | | | 88 | 88 | 69-130 | | | |
| Dibromofluoromethane (S) | %- | | | | 97 | 98 | 70-134 | | | |
| Toluene-d8 (S) | %- | | | | 100 | 99 | 70-130 | | | |

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: | | 311934 | 311935 | | | | | | | | | | |
|--|-------|-----------------------|--------|----------------|-----------------|-----------|------------|----------|-----------|--------------|--------|---------|------|
| Parameter | Units | 4032925013 | | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| | | 1,1,1-Trichloroethane | ug/L | <0.90 | 50 | 50 | 44.9 | 43.5 | 90 | 87 | 70-132 | 3 | 20 |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 50 | 50 | 56.3 | 54.8 | 113 | 110 | 61-130 | 3 | 20 | | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 50 | 50 | 52.9 | 52.4 | 106 | 105 | 70-130 | 1 | 20 | | |
| 1,1-Dichloroethane | ug/L | <0.75 | 50 | 50 | 50.6 | 49.9 | 101 | 100 | 70-132 | 1 | 20 | | |
| 1,1-Dichloroethene | ug/L | <0.57 | 50 | 50 | 43.4 | 40.4 | 87 | 81 | 70-137 | 7 | 20 | | |
| 1,2-Dichloroethane | ug/L | <0.36 | 50 | 50 | 46.6 | 47.4 | 93 | 95 | 70-133 | 2 | 20 | | |
| 1,2-Dichloropropane | ug/L | <0.49 | 50 | 50 | 50.9 | 50.7 | 102 | 101 | 70-130 | .5 | 20 | | |
| Benzene | ug/L | <0.41 | 50 | 50 | 50.9 | 50.7 | 102 | 101 | 70-130 | .4 | 20 | | |
| Bromodichloromethane | ug/L | <0.56 | 50 | 50 | 50.0 | 49.0 | 100 | 98 | 70-131 | 2 | 20 | | |
| Bromoform | ug/L | <0.94 | 50 | 50 | 45.4 | 45.4 | 91 | 91 | 68-130 | .01 | 20 | | |
| Bromomethane | ug/L | <0.91 | 50 | 50 | 45.1 | 44.9 | 90 | 90 | 47-177 | .3 | 20 | | |
| Carbon tetrachloride | ug/L | <0.49 | 50 | 50 | 44.4 | 43.6 | 89 | 87 | 70-149 | 2 | 20 | | |
| Chlorobenzene | ug/L | <0.41 | 50 | 50 | 49.4 | 48.4 | 99 | 97 | 70-130 | 2 | 20 | | |
| Chloroethane | ug/L | <0.97 | 50 | 50 | 48.5 | 48.0 | 97 | 96 | 66-147 | 1 | 20 | | |
| Chloroform | ug/L | <1.3 | 50 | 50 | 47.6 | 47.9 | 95 | 96 | 70-130 | .7 | 20 | | |
| Chloromethane | ug/L | <0.24 | 50 | 50 | 41.4 | 39.7 | 83 | 79 | 41-137 | 4 | 20 | | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 50 | 50 | 48.8 | 49.4 | 98 | 99 | 70-130 | 1 | 20 | | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 50 | 50 | 46.2 | 46.4 | 92 | 93 | 70-130 | .5 | 20 | | |
| Dibromochloromethane | ug/L | <0.81 | 50 | 50 | 48.8 | 49.4 | 98 | 99 | 70-130 | 1 | 20 | | |
| Ethylbenzene | ug/L | <0.54 | 50 | 50 | 49.7 | 47.9 | 99 | 96 | 70-130 | 4 | 20 | | |
| m&p-Xylene | ug/L | <1.8 | 100 | 100 | 96.6 | 94.0 | 97 | 94 | 70-130 | 3 | 20 | | |
| Methylene Chloride | ug/L | <0.43 | 50 | 50 | 38.3 | 40.8 | 77 | 82 | 70-130 | 6 | 20 | | |
| o-Xylene | ug/L | <0.83 | 50 | 50 | 48.1 | 46.5 | 96 | 93 | 70-130 | 3 | 20 | | |
| Styrene | ug/L | <0.86 | 50 | 50 | 47.4 | 46.2 | 95 | 92 | 13-149 | 2 | 20 | | |
| Tetrachloroethene | ug/L | <0.45 | 50 | 50 | 48.1 | 46.3 | 96 | 93 | 70-130 | 4 | 20 | | |
| Toluene | ug/L | <0.67 | 50 | 50 | 49.9 | 48.9 | 100 | 98 | 70-130 | 2 | 20 | | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 50 | 50 | 40.8 | 38.3 | 82 | 77 | 70-130 | 6 | 20 | | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 50 | 50 | 45.4 | 44.5 | 91 | 89 | 70-130 | 2 | 20 | | |
| Trichloroethene | ug/L | <0.48 | 50 | 50 | 48.2 | 47.1 | 96 | 94 | 70-130 | 2 | 20 | | |

Date: 06/17/2010 04:37 PM

REPORT OF LABORATORY ANALYSIS

Page 123 of 128

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

| Parameter | Units | 4032925013 | | 311934 | | 311935 | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|--------------------------|-------|------------|----------------|-----------------|-----------|------------|----------|-------|-------|-------|--------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | | | | | | | |
| Vinyl chloride | ug/L | <0.18 | 50 | 50 | 41.5 | 40.1 | 83 | 80 | 83 | 88 | 46-131 | 4 | 20 | |
| 4-Bromofluorobenzene (S) | %- | | | | | | | | | | 69-130 | | | |
| Dibromofluoromethane (S) | %- | | | | | | | | | | 70-134 | | | |
| Toluene-d8 (S) | %- | | | | | | | | | | 70-130 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

QC Batch: WETA/6656 Analysis Method: EPA 335.4
QC Batch Method: EPA 335.4 Analysis Description: 335.4 Cyanide, Total
Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018

METHOD BLANK: 314053 Matrix: Water
Associated Lab Samples: 4032925010, 4032925011, 4032925012, 4032925013, 4032925014, 4032925015, 4032925016, 4032925017, 4032925018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Cyanide | mg/L | <0.0061 | 0.020 | 06/15/10 17:11 | |

LABORATORY CONTROL SAMPLE: 314054

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Cyanide | mg/L | .1 | 0.10 | 102 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314055 314056

| Parameter | Units | 4032925017 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Cyanide | mg/L | <0.0061 | .1 | .1 | 0.11 | 0.10 | 104 | 98 | 90-110 | 5 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314057 314058

| Parameter | Units | 4033144001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Cyanide | mg/L | <0.0061 | .1 | .1 | 0.098 | 0.10 | 98 | 100 | 90-110 | 2 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032925

QC Batch: WETA/6659 Analysis Method: EPA 9012
QC Batch Method: EPA 9012A Analysis Description: 9012 Cyanide
Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

METHOD BLANK: 314070 Matrix: Solid
Associated Lab Samples: 4032925001, 4032925002, 4032925003, 4032925004, 4032925005, 4032925006, 4032925007, 4032925008, 4032925009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Cyanide | mg/kg | <0.33 | 0.60 | 06/15/10 18:14 | |

LABORATORY CONTROL SAMPLE: 314071

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Cyanide | mg/kg | 3 | 3.0 | 101 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314072 314073

| Parameter | Units | 4032886002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Cyanide | mg/kg | <0.22 | 2 | 2 | 0.68 | 0.61 | 34 | 30 | 80-120 | 11 | 20 | M0 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314074 314075

| Parameter | Units | 4032925009 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Cyanide | mg/kg | <0.28 | 2.6 | 2.6 | 2.6 | 2.5 | 98 | 94 | 80-120 | 3 | 20 | |

QUALIFIERS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032925

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

BATCH QUALIFIERS

Batch: MSV/8085

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1q Analyzed 6/14/2010

B Analyte was detected in the associated method blank.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

W Non-detect results are reported on a wet weight basis.

June 16, 2010

JAMES WEDEKIND
RMT MADISON
744 HEARTLAND TRAIL
Madison, WI 53717

RE: Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Dear JAMES WEDEKIND:

Enclosed are the analytical results for sample(s) received by the laboratory on June 03, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

cc: Nate Keller, RMT MADISON

REPORT OF LABORATORY ANALYSIS

Page 1 of 174

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



CERTIFICATIONS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Green Bay Certification IDs

1241 Bellevue Street Green Bay, WI 54302

Wisconsin DATCP Certification #: 105-444

Wisconsin Certification #: 405132750

South Carolina Certification #: 83006001

North Dakota Certification #: R-150

North Carolina Certification #: 503

California Certification #: 09268CA

New York Certification #: 11887

Minnesota Certification #: 055-999-334

Louisiana Certification #: 04168

Kentucky Certification #: 82

Illinois Certification #: 200050

Florida/NELAP Certification #: E87948

New York Certification #: 11888

REPORT OF LABORATORY ANALYSIS

Page 2 of 174

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



SAMPLE SUMMARY

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|------------|--------------|--------|----------------|----------------|
| 4032676001 | B-16 7-8 | Solid | 06/01/10 10:55 | 06/03/10 10:05 |
| 4032676002 | B-17 5-6 | Solid | 06/01/10 13:20 | 06/03/10 10:05 |
| 4032676003 | B-20 4-5 | Solid | 06/01/10 13:35 | 06/03/10 10:05 |
| 4032676004 | B-18 2-4 | Solid | 06/01/10 13:55 | 06/03/10 10:05 |
| 4032676005 | B-15 19-20 | Solid | 06/01/10 14:55 | 06/03/10 10:05 |
| 4032676006 | B-19 10-12.5 | Solid | 06/01/10 15:35 | 06/03/10 10:05 |
| 4032676007 | MW-18 | Water | 06/01/10 16:30 | 06/03/10 10:05 |
| 4032676008 | B-19 18-20 | Solid | 06/01/10 15:40 | 06/03/10 10:05 |
| 4032676009 | B-15 16-18 | Solid | 06/01/10 15:00 | 06/03/10 10:05 |
| 4032676010 | B-18 10-12 | Solid | 06/01/10 14:00 | 06/03/10 10:05 |
| 4032676011 | B-20 10-12 | Solid | 06/01/10 13:40 | 06/03/10 10:05 |
| 4032676012 | B-17 14-15 | Solid | 06/01/10 13:25 | 06/03/10 10:05 |
| 4032676013 | B-16 16-18 | Solid | 06/01/10 11:00 | 06/03/10 10:05 |
| 4032676014 | B-6 2.5-5 | Solid | 06/02/10 15:10 | 06/03/10 10:05 |
| 4032676015 | B-6 7.5-10 | Solid | 06/02/10 15:15 | 06/03/10 10:05 |
| 4032676016 | B-14 2.5-5 | Solid | 06/02/10 14:15 | 06/03/10 10:05 |
| 4032676017 | B-14 7.5-10 | Solid | 06/02/10 14:20 | 06/03/10 10:05 |
| 4032676018 | B-7 2.5-5 | Solid | 06/02/10 14:00 | 06/03/10 10:05 |
| 4032676019 | B-8 7.5-10 | Solid | 06/02/10 13:15 | 06/03/10 10:05 |
| 4032676020 | B-8 15-18 | Solid | 06/02/10 13:20 | 06/03/10 10:05 |
| 4032676021 | B-13 7.5-10 | Solid | 06/02/10 12:15 | 06/03/10 10:05 |
| 4032676022 | B-13 12.5-15 | Solid | 06/02/10 12:20 | 06/03/10 10:05 |
| 4032676023 | B-9 2.5-5 | Solid | 06/02/10 11:40 | 06/03/10 10:05 |
| 4032676024 | B-9 5-7.5 | Solid | 06/02/10 11:45 | 06/03/10 10:05 |
| 4032676025 | B-11 0-2.5 | Solid | 06/02/10 10:25 | 06/03/10 10:05 |
| 4032676026 | B-12 7-9 | Solid | 06/02/10 09:15 | 06/03/10 10:05 |
| 4032676027 | B-12 13-15 | Solid | 06/02/10 09:20 | 06/03/10 10:05 |
| 4032676028 | B-10 5-7.5 | Solid | 06/02/10 09:40 | 06/03/10 10:05 |

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|--------------|---------------|----------|-------------------|
| 4032676001 | B-16 7-8 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| 4032676002 | B-17 5-6 | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676003 | B-20 4-5 | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| 4032676004 | B-18 2-4 | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032676005 | B-15 19-20 | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032676006 | B-19 10-12.5 | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032676007 | MW-18 | EPA 8270 | RJN | 66 |
| | | EPA 6010 | DLB | 7 |

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|------------|---------------|----------|-------------------|
| 4032676008 | B-19 18-20 | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |
| | | EPA 8260 | SMT | 64 |
| | | EPA 335.4 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676009 | B-15 16-18 | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032676010 | B-18 10-12 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032676011 | B-20 10-12 | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676012 | B-17 14-15 | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032676013 | B-16 16-18 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |

REPORT OF LABORATORY ANALYSIS

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



SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|-------------|---------------|----------|-------------------|
| 4032676014 | B-6 2.5-5 | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676015 | B-6 7.5-10 | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| 4032676016 | B-14 2.5-5 | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| 4032676017 | B-14 7.5-10 | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| 4032676018 | B-7 2.5-5 | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032676019 | B-8 7.5-10 | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|--------------|---------------|----------|-------------------|
| 4032676020 | B-8 15-18 | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676021 | B-13 7.5-10 | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676022 | B-13 12.5-15 | ASTM D2974-87 | AME | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676023 | B-9 2.5-5 | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676024 | B-9 5-7.5 | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | JJB | 64 |
| 4032676025 | B-11 0-2.5 | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | MRN | 1 |

REPORT OF LABORATORY ANALYSIS

Page 7 of 174

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



SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|------------|---------------|----------|-------------------|
| 4032676026 | B-12 7-9 | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| 4032676027 | B-12 13-15 | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| 4032676028 | B-10 5-7.5 | EPA 9012 | DAW | 1 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | RJN | 66 |
| | | EPA 8260 | JJB | 64 |
| | | ASTM D2974-87 | MRN | 1 |
| | | EPA 9012 | DAW | 1 |

REPORT OF LABORATORY ANALYSIS

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Method: EPA 6010

Description: 6010 MET ICP

Client: RMT - MADISON

Date: June 16, 2010

General Information:

27 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 9 of 174

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT - MADISON
Date: June 16, 2010

General Information:

1 sample was analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 6010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 7470
Description: 7470 Mercury, Dissolved
Client: RMT - MADISON
Date: June 16, 2010

General Information:

1 sample was analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 7471
Description: 7471 Mercury
Client: RMT - MADISON
Date: June 16, 2010

General Information:

27 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MERP/2045

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032690002

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MSD (Lab ID: 309233)
 - Mercury

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MERP/2046

1q: Analyte had a negative detect in the associated method blank at -0.0055 mg/Kg.

- B-10 5-7.5 (Lab ID: 4032676028)
 - Mercury
- B-11 0-2.5 (Lab ID: 4032676025)
 - Mercury

REPORT OF LABORATORY ANALYSIS

Page 12 of 174

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 7471
Description: 7471 Mercury
Client: RMT - MADISON
Date: June 16, 2010

Analyte Comments:

QC Batch: MERP/2046

1q: Analyte had a negative detect in the associated method blank at -0.0055 mg/Kg.

- B-12 13-15 (Lab ID: 4032676027)
 - Mercury
- B-12 7-9 (Lab ID: 4032676026)
 - Mercury
- B-13 12.5-15 (Lab ID: 4032676022)
 - Mercury
- B-13 7.5-10 (Lab ID: 4032676021)
 - Mercury
- B-9 2.5-5 (Lab ID: 4032676023)
 - Mercury
- B-9 5-7.5 (Lab ID: 4032676024)
 - Mercury

REPORT OF LABORATORY ANALYSIS

Page 13 of 174

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: RMT - MADISON
Date: June 16, 2010

General Information:

27 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7419

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- B-15 16-18 (Lab ID: 4032676009)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- B-16 16-18 (Lab ID: 4032676013)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- B-16 7-8 (Lab ID: 4032676001)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)

REPORT OF LABORATORY ANALYSIS

Page 14 of 174

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: RMT - MADISON
Date: June 16, 2010

QC Batch: OEXT/7419

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- B-17 5-6 (Lab ID: 4032676002)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- B-18 10-12 (Lab ID: 4032676010)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- B-18 2-4 (Lab ID: 4032676004)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- B-19 10-12.5 (Lab ID: 4032676006)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)
- B-8 7.5-10 (Lab ID: 4032676019)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)

QC Batch: OEXT/7487

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- B-12 7-9 (Lab ID: 4032676026)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)

REPORT OF LABORATORY ANALYSIS

Page 15 of 174

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: RMT - MADISON
Date: June 16, 2010

QC Batch: OEXT/7487

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- Terphenyl-d14 (S)
- B-14 2.5-5 (Lab ID: 4032676016)
- 2,4,6-Tribromophenol (S)
- 2-Fluorobiphenyl (S)
- 2-Fluorophenol (S)
- Nitrobenzene-d5 (S)
- Phenol-d6 (S)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: OEXT/7419

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 309127)
- 2-Nitroaniline

QC Batch: OEXT/7487

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 311957)
- 4-Chloro-3-methylphenol
- Pentachlorophenol

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/7419

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032676003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 309128)
- 2,4-Dinitrophenol
- Benzo(g,h,i)perylene
- MSD (Lab ID: 309129)
- Benzo(a)pyrene
- Chrysene
- Fluoranthene
- Phenanthrene
- Pyrene

R1: RPD value was outside control limits.

- MSD (Lab ID: 309129)

REPORT OF LABORATORY ANALYSIS

Page 16 of 174

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Method: EPA 8270

Description: 8270 MSSV FULL LIST MICROWAVE

Client: RMT - MADISON

Date: June 16, 2010

QC Batch: OEXT/7419

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032676003

R1: RPD value was outside control limits.

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perylene
- Benzo(k)fluoranthene
- Chrysene
- Fluoranthene
- Indeno(1,2,3-cd)pyrene
- Phenanthrene
- Pyrene

QC Batch: OEXT/7487

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032676022

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 311958)
 - 2,4-Dinitrophenol
- MSD (Lab ID: 311959)
 - 2,4-Dinitrophenol
 - N-Nitroso-di-n-propylamine
 - Naphthalene

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: RMT - MADISON

Date: June 16, 2010

General Information:

1 sample was analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7417

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 309091)
- Nitrobenzene-d5 (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- MW-18 (Lab ID: 4032676007)
- 2,4,6-Tribromophenol (S)
- 2-Fluorobiphenyl (S)
- 2-Fluorophenol (S)
- Nitrobenzene-d5 (S)
- Phenol-d6 (S)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: OEXT/7417

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 309091)
- 2,2'-Oxybis(1-chloropropane)

REPORT OF LABORATORY ANALYSIS

Page 18 of 174

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: RMT - MADISON

Date: June 16, 2010

QC Batch: OEXT/7417

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCSD (Lab ID: 309092)
- Pentachlorophenol

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSSV/2661

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 19 of 174

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: RMT - MADISON
Date: June 16, 2010

General Information:

27 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/8011

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- B-15 16-18 (Lab ID: 4032676009)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)
- B-16 16-18 (Lab ID: 4032676013)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)
- B-16 7-8 (Lab ID: 4032676001)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)
- B-17 5-6 (Lab ID: 4032676002)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)
- B-18 10-12 (Lab ID: 4032676010)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)
- B-19 10-12.5 (Lab ID: 4032676006)

REPORT OF LABORATORY ANALYSIS

Page 20 of 174

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: RMT - MADISON
Date: June 16, 2010

QC Batch: MSV/8011

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- 4-Bromofluorobenzene (S)
- Dibromofluoromethane (S)
- Toluene-d8 (S)
- B-8 7.5-10 (Lab ID: 4032676019)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)

QC Batch: MSV/8030

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- B-12 7-9 (Lab ID: 4032676026)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)
- B-13 12.5-15 (Lab ID: 4032676022)
 - 4-Bromofluorobenzene (S)
 - Dibromofluoromethane (S)
 - Toluene-d8 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/8012

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/8031

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 21 of 174

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Method: EPA 8260

Description: 8260 MSV

Client: RMT - MADISON

Date: June 16, 2010

General Information:

1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 22 of 174

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 335.4
Description: 335.4 Cyanide, Total
Client: RMT - MADISON
Date: June 16, 2010

General Information:

1 sample was analyzed for EPA 335.4. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Method: EPA 9012
Description: 9012 Cyanide, Total
Client: RMT - MADISON
Date: June 16, 2010

General Information:

27 samples were analyzed for EPA 9012. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 9012A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/6657

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032676011,4032676021

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 314062)
 - Cyanide
- MS (Lab ID: 314064)
 - Cyanide
- MSD (Lab ID: 314063)
 - Cyanide
- MSD (Lab ID: 314065)
 - Cyanide

QC Batch: WETA/6659

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4032886002,4032925009

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 314072)
 - Cyanide
- MSD (Lab ID: 314073)
 - Cyanide

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Method: EPA 9012

Description: 9012 Cyanide, Total

Client: RMT - MADISON

Date: June 16, 2010

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

Page 25 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-16 7-8 Lab ID: 4032676001 Collected: 06/01/10 10:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|---------|--------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 8.3 | mg/kg | 2.2 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:11 | 7440-38-2 | |
| Barium | 61.7 | mg/kg | 0.55 | 0.049 | 1 | 06/04/10 10:25 | 06/07/10 04:11 | 7440-39-3 | |
| Cadmium | 0.62 | mg/kg | 0.55 | 0.029 | 1 | 06/04/10 10:25 | 06/07/10 04:11 | 7440-43-9 | |
| Chromium | 22.9 | mg/kg | 0.55 | 0.035 | 1 | 06/04/10 10:25 | 06/07/10 04:11 | 7440-47-3 | |
| Lead | 24.7 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 04:11 | 7439-92-1 | |
| Selenium | 1.3J | mg/kg | 2.2 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 04:11 | 7782-49-2 | |
| Silver | 0.13J | mg/kg | 1.1 | 0.049 | 1 | 06/04/10 10:25 | 06/07/10 04:11 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.44 | mg/kg | 0.011 | 0.0020 | 1 | 06/04/10 10:08 | 06/04/10 13:44 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | 1520000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 83-32-9 | |
| Acenaphthylene | <102000 | ug/kg | 950000 | 102000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 208-96-8 | |
| Anthracene | 3590000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 120-12-7 | |
| Benzo(a)anthracene | 1240000 | ug/kg | 950000 | 107000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 56-55-3 | |
| Benzo(a)pyrene | 905000J | ug/kg | 950000 | 115000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 50-32-8 | |
| Benzo(b)fluoranthene | 846000J | ug/kg | 950000 | 112000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 205-99-2 | |
| Benzo(g,h,i)perylene | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 191-24-2 | |
| Benzo(k)fluoranthene | 714000J | ug/kg | 950000 | 150000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 207-08-9 | |
| Benzyl alcohol | <118000 | ug/kg | 1890000 | 118000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <101000 | ug/kg | 950000 | 101000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 101-55-3 | |
| Butylbenzylphthalate | <214000 | ug/kg | 950000 | 214000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <96800 | ug/kg | 950000 | 96800 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 59-50-7 | |
| 4-Chloroaniline | <474000 | ug/kg | 1890000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <114000 | ug/kg | 950000 | 114000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 111-44-4 | |
| 2-Chloronaphthalene | <98700 | ug/kg | 950000 | 98700 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 91-58-7 | |
| 2-Chlorophenol | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 7005-72-3 | |
| Chrysene | 1320000 | ug/kg | 950000 | 138000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 218-01-9 | |
| Dibenz(a,h)anthracene | <174000 | ug/kg | 950000 | 174000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 53-70-3 | |
| Dibenzofuran | 1570000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <68800 | ug/kg | 950000 | 68800 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 91-94-1 | |
| 2,4-Dichlorophenol | <81000 | ug/kg | 950000 | 81000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 120-83-2 | |
| Diethylphthalate | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 84-66-2 | |
| 2,4-Dimethylphenol | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 105-67-9 | |
| Dimethylphthalate | <99600 | ug/kg | 950000 | 99600 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 131-11-3 | |
| Di-n-butylphthalate | <159000 | ug/kg | 950000 | 159000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 534-52-1 | |
| 2,4-Dinitrophenol | <697000 | ug/kg | 3790000 | 697000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 51-28-5 | |
| 2,4-Dinitrotoluene | <74500 | ug/kg | 950000 | 74500 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 121-14-2 | |
| 2,6-Dinitrotoluene | <110000 | ug/kg | 950000 | 110000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 606-20-2 | |
| Di-n-octylphthalate | <104000 | ug/kg | 950000 | 104000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-16 7-8 Lab ID: 4032676001 Collected: 06/01/10 10:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|---------|--------|-----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <194000 | ug/kg | 950000 | 194000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 117-81-7 | |
| Fluoranthene | 3640000 | ug/kg | 950000 | 168000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 206-44-0 | |
| Fluorene | 2280000 | ug/kg | 950000 | 47700 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <122000 | ug/kg | 950000 | 122000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 87-68-3 | |
| Hexachlorobenzene | <55800 | ug/kg | 950000 | 55800 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 118-74-1 | |
| Hexachlorocyclopentadiene | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 77-47-4 | |
| Hexachloroethane | <120000 | ug/kg | 950000 | 120000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 443000J | ug/kg | 950000 | 127000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 193-39-5 | |
| Isophorone | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 78-59-1 | |
| 2-Methylnaphthalene | 876000J | ug/kg | 950000 | 105000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <98800 | ug/kg | 950000 | 98800 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | | |
| Naphthalene | 1810000 | ug/kg | 950000 | 111000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 91-20-3 | |
| 2-Nitroaniline | <68700 | ug/kg | 950000 | 68700 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 88-74-4 | L2 |
| 3-Nitroaniline | <75100 | ug/kg | 950000 | 75100 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 99-09-2 | |
| 4-Nitroaniline | <474000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 100-01-6 | |
| Nitrobenzene | <109000 | ug/kg | 950000 | 109000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 98-95-3 | |
| 2-Nitrophenol | <113000 | ug/kg | 950000 | 113000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 88-75-5 | |
| 4-Nitrophenol | <187000 | ug/kg | 950000 | 187000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <112000 | ug/kg | 950000 | 112000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 621-64-7 | |
| N-Nitrosodiphenylamine | <130000 | ug/kg | 950000 | 130000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 86-30-6 | |
| Pentachlorophenol | <474000 | ug/kg | 1880000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 87-86-5 | |
| Phenanthrene | 7190000 | ug/kg | 950000 | 474000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 85-01-8 | |
| Phenol | <113000 | ug/kg | 950000 | 113000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 108-95-2 | |
| Pyrene | 2650000 | ug/kg | 950000 | 231000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <297000 | ug/kg | 950000 | 297000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <62400 | ug/kg | 950000 | 62400 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <105000 | ug/kg | 950000 | 105000 | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 200 | 06/04/10 11:28 | 06/08/10 08:12 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|-------|------|-----|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 79-00-5 | W |
| 1,1-Dichloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-34-3 | W |
| 1,1-Dichloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-35-4 | W |
| 1,1-Dichloropropene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 27 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-16 7-8 Lab ID: 4032676001 Collected: 06/01/10 10:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|-------|-------|-----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <16500 | ug/kg | 50000 | 16500 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <8880 | ug/kg | 12000 | 8880 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 95-50-1 | W |
| 1,2-Dichloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 107-06-2 | W |
| 1,2-Dichloropropane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 541-73-1 | W |
| 1,3-Dichloropropane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 106-46-7 | W |
| 2,2-Dichloropropane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 594-20-7 | W |
| 2-Chlorotoluene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 95-49-8 | W |
| 4-Chlorotoluene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 106-43-4 | W |
| Benzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 71-43-2 | W |
| Bromobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 108-86-1 | W |
| Bromochloromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 74-97-5 | W |
| Bromodichloromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-27-4 | W |
| Bromoform | <5180 | ug/kg | 12000 | 5180 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-25-2 | W |
| Bromomethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 74-83-9 | W |
| Carbon tetrachloride | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 56-23-5 | W |
| Chlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 108-90-7 | W |
| Chloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-00-3 | W |
| Chloroform | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 67-66-3 | W |
| Chloromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 74-87-3 | W |
| Dibromochloromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 124-48-1 | W |
| Dibromomethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 74-95-3 | W |
| Dichlorodifluoromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-71-8 | W |
| Diisopropyl ether | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 108-20-3 | W |
| Ethylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <5280 | ug/kg | 12000 | 5280 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 98-82-8 | W |
| Methyl-tert-butyl ether | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 1634-04-4 | W |
| Methylene Chloride | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-09-2 | W |
| Naphthalene | 782000 | ug/kg | 13700 | 5690 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 91-20-3 | |
| Styrene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 100-42-5 | W |
| Tetrachloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 127-18-4 | W |
| Toluene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 108-88-3 | W |
| Trichloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 79-01-6 | W |
| Trichlorofluoromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-69-4 | W |
| Vinyl chloride | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 10061-01-5 | W |
| m&p-Xylene | <10000 | ug/kg | 24000 | 10000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 179601-23-1 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 28 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-16 7-8 **Lab ID: 4032676001** Collected: 06/01/10 10:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|-----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <8080 | ug/kg | 12000 | 8080 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 104-51-8 | W |
| n-Propylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 103-65-1 | W |
| o-Xylene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 95-47-6 | W |
| p-Isopropyltoluene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 99-87-6 | W |
| sec-Butylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 135-98-8 | W |
| tert-Butylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 200 | 06/04/10 10:04 | 06/07/10 12:09 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 12.1 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:08 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | 0.41J | mg/kg | 0.57 | 0.31 | 1 | 06/15/10 10:21 | 06/15/10 17:45 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Project No.: 4032676

Sample: B-17 5-6 Lab ID: 4032676002 Collected: 06/01/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|----------|-------|---------|---------|------|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 17.3 | mg/kg | 3.4 | 0.16 | 1 | 06/04/10 10:25 | 06/07/10 04:15 | 7440-38-2 | |
| Barium | 117 | mg/kg | 0.84 | 0.075 | 1 | 06/04/10 10:25 | 06/07/10 04:15 | 7440-39-3 | |
| Cadmium | 3.1 | mg/kg | 0.84 | 0.044 | 1 | 06/04/10 10:25 | 06/07/10 04:15 | 7440-43-9 | |
| Chromium | 33.4 | mg/kg | 0.84 | 0.054 | 1 | 06/04/10 10:25 | 06/07/10 04:15 | 7440-47-3 | |
| Lead | 155 | mg/kg | 1.7 | 0.16 | 1 | 06/04/10 10:25 | 06/07/10 04:15 | 7439-92-1 | |
| Selenium | 3.7 | mg/kg | 3.4 | 0.27 | 1 | 06/04/10 10:25 | 06/07/10 04:15 | 7782-49-2 | |
| Silver | 0.55J | mg/kg | 1.7 | 0.075 | 1 | 06/04/10 10:25 | 06/07/10 04:15 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 84.4 | mg/kg | 3.4 | 0.60 | 200 | 06/04/10 10:08 | 06/04/10 14:19 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 83-32-9 | |
| Acenaphthylene | <2030000 | ug/kg | 1890000 | 2030000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 208-96-8 | |
| Anthracene | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 120-12-7 | |
| Benzo(a)anthracene | 2330000J | ug/kg | 1890000 | 2130000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 56-55-3 | |
| Benzo(a)pyrene | <2290000 | ug/kg | 1890000 | 2290000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 50-32-8 | |
| Benzo(b)fluoranthene | <2230000 | ug/kg | 1890000 | 2230000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 205-99-2 | |
| Benzo(g,h,i)perylene | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 191-24-2 | |
| Benzo(k)fluoranthene | <2980000 | ug/kg | 1890000 | 2980000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 207-08-9 | |
| Benzyl alcohol | <2360000 | ug/kg | 3780000 | 2360000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <2000000 | ug/kg | 1890000 | 2000000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 101-55-3 | |
| Butylbenzylphthalate | <4260000 | ug/kg | 1890000 | 4260000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <1930000 | ug/kg | 1890000 | 1930000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 59-50-7 | |
| 4-Chloroaniline | <9450000 | ug/kg | 3780000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <2280000 | ug/kg | 1890000 | 2280000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 111-44-4 | |
| 2-Chloronaphthalene | <1970000 | ug/kg | 1890000 | 1970000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 91-58-7 | |
| 2-Chlorophenol | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 7005-72-3 | |
| Chrysene | <2760000 | ug/kg | 1890000 | 2760000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 218-01-9 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-17 5-6 **Lab ID: 4032676002** Collected: 06/01/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|-----------|-------|---------|---------|------|----------------|----------------|----------|------|
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Dibenz(a,h)anthracene | <3460000 | ug/kg | 1890000 | 3460000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 53-70-3 | |
| Dibenzofuran | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <1370000 | ug/kg | 1890000 | 1370000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 91-94-1 | |
| 2,4-Dichlorophenol | <1620000 | ug/kg | 1890000 | 1620000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 120-83-2 | |
| Diethylphthalate | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 84-66-2 | |
| 2,4-Dimethylphenol | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 105-67-9 | |
| Dimethylphthalate | <1990000 | ug/kg | 1890000 | 1990000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 131-11-3 | |
| Di-n-butylphthalate | <3160000 | ug/kg | 1890000 | 3160000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 534-52-1 | |
| 2,4-Dinitrophenol | <1390000 | ug/kg | 7570000 | 1390000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 51-28-5 | |
| 2,4-Dinitrotoluene | <1490000 | ug/kg | 1890000 | 1490000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 121-14-2 | |
| 2,6-Dinitrotoluene | <2180000 | ug/kg | 1890000 | 2180000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 606-20-2 | |
| Di-n-octylphthalate | <2070000 | ug/kg | 1890000 | 2070000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <3870000 | ug/kg | 1890000 | 3870000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 117-81-7 | |
| Fluoranthene | 7000000J | ug/kg | 1890000 | 3350000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 206-44-0 | |
| Fluorene | 4150000J | ug/kg | 1890000 | 951000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <2430000 | ug/kg | 1890000 | 2430000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 87-68-3 | |
| Hexachlorobenzene | <1110000 | ug/kg | 1890000 | 1110000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 118-74-1 | |
| Hexachlorocyclopentadiene | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 77-47-4 | |
| Hexachloroethane | <2390000 | ug/kg | 1890000 | 2390000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <2540000 | ug/kg | 1890000 | 2540000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 193-39-5 | |
| Isophorone | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 78-59-1 | |
| 2-Methylnaphthalene | 12900000J | ug/kg | 1890000 | 2090000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <1970000 | ug/kg | 1890000 | 1970000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | | |
| Naphthalene | 231000000 | ug/kg | 1890000 | 2210000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 91-20-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-17 5-6 **Lab ID: 4032676002** Collected: 06/01/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|-----------|-------|---------|---------|------|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| 2-Nitroaniline | <1370000 | ug/kg | 1890000 | 1370000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 88-74-4 | L2 |
| 3-Nitroaniline | <1500000 | ug/kg | 1890000 | 1500000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 99-09-2 | |
| 4-Nitroaniline | <9450000 | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 100-01-6 | |
| Nitrobenzene | <2170000 | ug/kg | 1890000 | 2170000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 98-95-3 | |
| 2-Nitrophenol | <2260000 | ug/kg | 1890000 | 2260000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 88-75-5 | |
| 4-Nitrophenol | <3730000 | ug/kg | 1890000 | 3730000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <2240000 | ug/kg | 1890000 | 2240000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2600000 | ug/kg | 1890000 | 2600000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 86-30-6 | |
| Pentachlorophenol | <9450000 | ug/kg | 3740000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 87-86-5 | |
| Phenanthrene | 13000000J | ug/kg | 1890000 | 9450000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 85-01-8 | |
| Phenol | <2250000 | ug/kg | 1890000 | 2250000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 108-95-2 | |
| Pyrene | 4800000J | ug/kg | 1890000 | 4600000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <5930000 | ug/kg | 1890000 | 5930000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <1250000 | ug/kg | 1890000 | 1250000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <2090000 | ug/kg | 1890000 | 2090000 | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 1000 | 06/04/10 11:28 | 06/08/10 02:20 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|--------|-------|--------|-------|------|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 79-00-5 | W |
| 1,1-Dichloroethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-34-3 | W |
| 1,1-Dichloroethene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-35-4 | W |
| 1,1-Dichloropropene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 87-61-6 | W |
| 1,2,3-Trichloropropane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 509000 | ug/kg | 206000 | 85900 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 95-63-6 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 32 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-17 5-6 Lab ID: 4032676002 Collected: 06/01/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|--------|------|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2-Dibromo-3-chloropropane | <165000 | ug/kg | 500000 | 165000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <88800 | ug/kg | 120000 | 88800 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 95-50-1 | W |
| 1,2-Dichloroethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 107-06-2 | W |
| 1,2-Dichloropropane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 409000 | ug/kg | 206000 | 85900 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 108-67-8 | |
| 1,3-Dichlorobenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 541-73-1 | W |
| 1,3-Dichloropropane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 106-46-7 | W |
| 2,2-Dichloropropane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 594-20-7 | W |
| 2-Chlorotoluene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 95-49-8 | W |
| 4-Chlorotoluene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 106-43-4 | W |
| Benzene | 286000 | ug/kg | 206000 | 85900 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 71-43-2 | |
| Bromobenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 108-86-1 | W |
| Bromochloromethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 74-97-5 | W |
| Bromodichloromethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-27-4 | W |
| Bromoform | <51800 | ug/kg | 120000 | 51800 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-25-2 | W |
| Bromomethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 74-83-9 | W |
| Carbon tetrachloride | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 56-23-5 | W |
| Chlorobenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 108-90-7 | W |
| Chloroethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-00-3 | W |
| Chloroform | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 67-66-3 | W |
| Chloromethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 74-87-3 | W |
| Dibromochloromethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 124-48-1 | W |
| Dibromomethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 74-95-3 | W |
| Dichlorodifluoromethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-71-8 | W |
| Diisopropyl ether | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 108-20-3 | W |
| Ethylbenzene | 297000 | ug/kg | 206000 | 85900 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <52800 | ug/kg | 120000 | 52800 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 98-82-8 | W |
| Methyl-tert-butyl ether | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 1634-04-4 | W |
| Methylene Chloride | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-09-2 | W |
| Naphthalene | 1720000 | ug/kg | 206000 | 85900 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 91-20-3 | |
| Styrene | 283000 | ug/kg | 206000 | 85900 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 100-42-5 | |
| Tetrachloroethene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 127-18-4 | W |
| Toluene | 775000 | ug/kg | 206000 | 85900 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 108-88-3 | |
| Trichloroethene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 79-01-6 | W |
| Trichlorofluoromethane | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-69-4 | W |
| Vinyl chloride | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 10061-01-5 | W |
| m&p-Xylene | 834000 | ug/kg | 412000 | 172000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 179601-23-1 | |
| n-Butylbenzene | <80800 | ug/kg | 120000 | 80800 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 104-51-8 | W |
| n-Propylbenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 103-65-1 | W |
| o-Xylene | 349000 | ug/kg | 206000 | 85900 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 95-47-6 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 33 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-17 5-6 **Lab ID: 4032676002** Collected: 06/01/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|-------|------|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| p-Isopropyltoluene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 99-87-6 | W |
| sec-Butylbenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 135-98-8 | W |
| tert-Butylbenzene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <50000 | ug/kg | 120000 | 50000 | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 2000 | 06/04/10 10:04 | 06/07/10 12:32 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 41.8 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | 84.2 | mg/kg | 15.9 | 8.7 | 20 | 06/15/10 10:21 | 06/15/10 19:04 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-20 4-5 Lab ID: 4032676003 Collected: 06/01/10 13:35 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|-------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 3.7 | mg/kg | 2.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:19 | 7440-38-2 | |
| Barium | 55.8 | mg/kg | 0.54 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 04:19 | 7440-39-3 | |
| Cadmium | 0.24J | mg/kg | 0.54 | 0.028 | 1 | 06/04/10 10:25 | 06/07/10 04:19 | 7440-43-9 | |
| Chromium | 18.5 | mg/kg | 0.54 | 0.034 | 1 | 06/04/10 10:25 | 06/07/10 04:19 | 7440-47-3 | |
| Lead | 7.2 | mg/kg | 1.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:19 | 7439-92-1 | |
| Selenium | 0.19J | mg/kg | 2.1 | 0.17 | 1 | 06/04/10 10:25 | 06/07/10 04:19 | 7782-49-2 | |
| Silver | 0.067J | mg/kg | 1.1 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 04:19 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.032 | mg/kg | 0.011 | 0.0020 | 1 | 06/04/10 10:08 | 06/04/10 13:57 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 83-32-9 | |
| Acenaphthylene | <20.5 | ug/kg | 192 | 20.5 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 208-96-8 | |
| Anthracene | 169J | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 120-12-7 | |
| Benzo(a)anthracene | 865 | ug/kg | 192 | 21.5 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 56-55-3 | R1 |
| Benzo(a)pyrene | 1140 | ug/kg | 192 | 23.2 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 50-32-8 | M0,R1 |
| Benzo(b)fluoranthene | 1010 | ug/kg | 192 | 22.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 205-99-2 | R1 |
| Benzo(g,h,i)perylene | 816 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 191-24-2 | M0,R1 |
| Benzo(k)fluoranthene | 991 | ug/kg | 192 | 30.2 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 207-08-9 | R1 |
| Benzyl alcohol | <23.9 | ug/kg | 382 | 23.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <20.3 | ug/kg | 192 | 20.3 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 101-55-3 | |
| Butylbenzylphthalate | <43.1 | ug/kg | 192 | 43.1 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <19.5 | ug/kg | 192 | 19.5 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 59-50-7 | |
| 4-Chloroaniline | <95.6 | ug/kg | 382 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <23.1 | ug/kg | 192 | 23.1 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 111-44-4 | |
| 2-Chloronaphthalene | <19.9 | ug/kg | 192 | 19.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 91-58-7 | |
| 2-Chlorophenol | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 7005-72-3 | |
| Chrysene | 1080 | ug/kg | 192 | 27.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 218-01-9 | M0,R1 |
| Dibenz(a,h)anthracene | 189J | ug/kg | 192 | 35.0 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 53-70-3 | |
| Dibenzofuran | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <13.9 | ug/kg | 192 | 13.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 91-94-1 | |
| 2,4-Dichlorophenol | <16.3 | ug/kg | 192 | 16.3 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 120-83-2 | |
| Diethylphthalate | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 84-66-2 | |
| 2,4-Dimethylphenol | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 105-67-9 | |
| Dimethylphthalate | <20.1 | ug/kg | 192 | 20.1 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 131-11-3 | |
| Di-n-butylphthalate | <32.0 | ug/kg | 192 | 32.0 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 534-52-1 | |
| 2,4-Dinitrophenol | <141 | ug/kg | 765 | 141 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 51-28-5 | M0 |
| 2,4-Dinitrotoluene | <15.0 | ug/kg | 192 | 15.0 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 121-14-2 | |
| 2,6-Dinitrotoluene | <22.1 | ug/kg | 192 | 22.1 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 606-20-2 | |
| Di-n-octylphthalate | <20.9 | ug/kg | 192 | 20.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-20 4-5 Lab ID: 4032676003 Collected: 06/01/10 13:35 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|-------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <39.2 | ug/kg | 192 | 39.2 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 117-81-7 | |
| Fluoranthene | 1240 | ug/kg | 192 | 33.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 206-44-0 | M0,R1 |
| Fluorene | 74.5J | ug/kg | 192 | 9.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <24.6 | ug/kg | 192 | 24.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 87-68-3 | |
| Hexachlorobenzene | <11.2 | ug/kg | 192 | 11.2 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 118-74-1 | |
| Hexachlorocyclopentadiene | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 77-47-4 | |
| Hexachloroethane | <24.2 | ug/kg | 192 | 24.2 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 753 | ug/kg | 192 | 25.7 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 193-39-5 | R1 |
| Isophorone | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 78-59-1 | |
| 2-Methylnaphthalene | <21.1 | ug/kg | 192 | 21.1 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <19.9 | ug/kg | 192 | 19.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | | |
| Naphthalene | 71.3J | ug/kg | 192 | 22.4 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 91-20-3 | |
| 2-Nitroaniline | <13.9 | ug/kg | 192 | 13.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 88-74-4 | L2 |
| 3-Nitroaniline | <15.2 | ug/kg | 192 | 15.2 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 99-09-2 | |
| 4-Nitroaniline | <95.6 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 100-01-6 | |
| Nitrobenzene | <22.0 | ug/kg | 192 | 22.0 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 98-95-3 | |
| 2-Nitrophenol | <22.9 | ug/kg | 192 | 22.9 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 88-75-5 | |
| 4-Nitrophenol | <37.7 | ug/kg | 192 | 37.7 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <22.7 | ug/kg | 192 | 22.7 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 621-64-7 | |
| N-Nitrosodiphenylamine | <26.3 | ug/kg | 192 | 26.3 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 86-30-6 | |
| Pentachlorophenol | <95.6 | ug/kg | 379 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 87-86-5 | |
| Phenanthrene | 559 | ug/kg | 192 | 95.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 85-01-8 | M0,R1 |
| Phenol | <22.7 | ug/kg | 192 | 22.7 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 108-95-2 | |
| Pyrene | 1370 | ug/kg | 192 | 46.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 129-00-0 | M0,R1 |
| 1,2,4,5-Tetrachlorobenzene | <60.0 | ug/kg | 192 | 60.0 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <12.6 | ug/kg | 192 | 12.6 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <21.1 | ug/kg | 192 | 21.1 | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 54 | %- | 37-130 | | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 79 | %- | 46-130 | | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 321-60-8 | |
| Terphenyl-d14 (S) | 91 | %- | 27-135 | | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 1718-51-0 | |
| Phenol-d6 (S) | 50 | %- | 30-130 | | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 13127-88-3 | |
| 2-Fluorophenol (S) | 56 | %- | 28-130 | | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 86 | %- | 23-130 | | 1 | 06/04/10 11:28 | 06/08/10 18:26 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 36 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-20 4-5 Lab ID: 4032676003 Collected: 06/01/10 13:35 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-09-2 | W |
| Naphthalene | 139 | ug/kg | 68.9 | 28.7 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-20 4-5 **Lab ID: 4032676003** Collected: 06/01/10 13:35 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 99 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 1868-53-7 | |
| Toluene-d8 (S) | 112 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 101 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 11:04 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 12.9 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.28 | mg/kg | 0.51 | 0.28 | 1 | 06/15/10 10:21 | 06/15/10 17:48 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-18 2-4 **Lab ID: 4032676004** Collected: 06/01/10 13:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 6.9 | mg/kg | 2.3 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 04:23 | 7440-38-2 | |
| Barium | 72.4 | mg/kg | 0.57 | 0.051 | 1 | 06/04/10 10:25 | 06/07/10 04:23 | 7440-39-3 | |
| Cadmium | 0.33J | mg/kg | 0.57 | 0.030 | 1 | 06/04/10 10:25 | 06/07/10 04:23 | 7440-43-9 | |
| Chromium | 27.5 | mg/kg | 0.57 | 0.036 | 1 | 06/04/10 10:25 | 06/07/10 04:23 | 7440-47-3 | |
| Lead | 12.2 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 04:23 | 7439-92-1 | |
| Selenium | <0.18 | mg/kg | 2.3 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 04:23 | 7782-49-2 | |
| Silver | 0.16J | mg/kg | 1.1 | 0.051 | 1 | 06/04/10 10:25 | 06/07/10 04:23 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.11 | mg/kg | 0.012 | 0.0021 | 1 | 06/04/10 10:08 | 06/04/10 13:49 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | 2570J | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 83-32-9 | |
| Acenaphthylene | <434 | ug/kg | 4050 | 434 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 208-96-8 | |
| Anthracene | 12000 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 120-12-7 | |
| Benzo(a)anthracene | 17700 | ug/kg | 4050 | 455 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 56-55-3 | |
| Benzo(a)pyrene | 21500 | ug/kg | 4050 | 490 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 50-32-8 | |
| Benzo(b)fluoranthene | 18900 | ug/kg | 4050 | 477 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 205-99-2 | |
| Benzo(g,h,i)perylene | 16000 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 191-24-2 | |
| Benzo(k)fluoranthene | 19400 | ug/kg | 4050 | 638 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 207-08-9 | |
| Benzyl alcohol | <504 | ug/kg | 8080 | 504 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <429 | ug/kg | 4050 | 429 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 101-55-3 | |
| Butylbenzylphthalate | <910 | ug/kg | 4050 | 910 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <413 | ug/kg | 4050 | 413 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 59-50-7 | |
| 4-Chloroaniline | <2020 | ug/kg | 8080 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <488 | ug/kg | 4050 | 488 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 111-44-4 | |
| 2-Chloronaphthalene | <421 | ug/kg | 4050 | 421 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 91-58-7 | |
| 2-Chlorophenol | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 7005-72-3 | |
| Chrysene | 20900 | ug/kg | 4050 | 590 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 218-01-9 | |
| Dibenz(a,h)anthracene | 3340J | ug/kg | 4050 | 740 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 53-70-3 | |
| Dibenzofuran | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <293 | ug/kg | 4050 | 293 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 91-94-1 | |
| 2,4-Dichlorophenol | <345 | ug/kg | 4050 | 345 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 120-83-2 | |
| Diethylphthalate | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 84-66-2 | |
| 2,4-Dimethylphenol | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 105-67-9 | |
| Dimethylphthalate | <424 | ug/kg | 4050 | 424 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 131-11-3 | |
| Di-n-butylphthalate | <677 | ug/kg | 4050 | 677 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 534-52-1 | |
| 2,4-Dinitrophenol | <2970 | ug/kg | 16200 | 2970 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 51-28-5 | |
| 2,4-Dinitrotoluene | <318 | ug/kg | 4050 | 318 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 121-14-2 | |
| 2,6-Dinitrotoluene | <467 | ug/kg | 4050 | 467 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 606-20-2 | |
| Di-n-octylphthalate | <442 | ug/kg | 4050 | 442 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-18 2-4 Lab ID: 4032676004 Collected: 06/01/10 13:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <828 | ug/kg | 4050 | 828 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 117-81-7 | |
| Fluoranthene | 31400 | ug/kg | 4050 | 715 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 206-44-0 | |
| Fluorene | 2980J | ug/kg | 4050 | 203 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <520 | ug/kg | 4050 | 520 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 87-68-3 | |
| Hexachlorobenzene | <238 | ug/kg | 4050 | 238 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 118-74-1 | |
| Hexachlorocyclopentadiene | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 77-47-4 | |
| Hexachloroethane | <512 | ug/kg | 4050 | 512 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 14700 | ug/kg | 4050 | 542 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 193-39-5 | |
| Isophorone | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 78-59-1 | |
| 2-Methylnaphthalene | 849J | ug/kg | 4050 | 446 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <421 | ug/kg | 4050 | 421 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | | |
| Naphthalene | 2870J | ug/kg | 4050 | 473 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 91-20-3 | |
| 2-Nitroaniline | <293 | ug/kg | 4050 | 293 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 88-74-4 | L2 |
| 3-Nitroaniline | <320 | ug/kg | 4050 | 320 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 99-09-2 | |
| 4-Nitroaniline | <2020 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 100-01-6 | |
| Nitrobenzene | <464 | ug/kg | 4050 | 464 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 98-95-3 | |
| 2-Nitrophenol | <484 | ug/kg | 4050 | 484 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 88-75-5 | |
| 4-Nitrophenol | <797 | ug/kg | 4050 | 797 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <479 | ug/kg | 4050 | 479 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 621-64-7 | |
| N-Nitrosodiphenylamine | <555 | ug/kg | 4050 | 555 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 86-30-6 | |
| Pentachlorophenol | <2020 | ug/kg | 8000 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 87-86-5 | |
| Phenanthrene | 22400 | ug/kg | 4050 | 2020 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 85-01-8 | |
| Phenol | <481 | ug/kg | 4050 | 481 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 108-95-2 | |
| Pyrene | 29200 | ug/kg | 4050 | 984 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <1270 | ug/kg | 4050 | 1270 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <266 | ug/kg | 4050 | 266 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <447 | ug/kg | 4050 | 447 | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 20 | 06/04/10 11:28 | 06/08/10 07:08 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 40 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-18 2-4 Lab ID: 4032676004 Collected: 06/01/10 13:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 114 | ug/kg | 72.8 | 30.3 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-09-2 | W |
| Naphthalene | 3550 | ug/kg | 72.8 | 30.3 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-18 2-4 **Lab ID: 4032676004** Collected: 06/01/10 13:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 103-65-1 | W |
| o-Xylene | 49.5J | ug/kg | 72.8 | 30.3 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 95-47-6 | |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 91 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 1868-53-7 | |
| Toluene-d8 (S) | 106 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 96 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 11:26 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 17.5 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.17 | mg/kg | 0.32 | 0.17 | 1 | 06/15/10 10:21 | 06/15/10 17:49 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-15 19-20 **Lab ID: 4032676005** Collected: 06/01/10 14:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 4.5 | mg/kg | 2.2 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 04:27 | 7440-38-2 | |
| Barium | 30.5 | mg/kg | 0.56 | 0.050 | 1 | 06/04/10 10:25 | 06/07/10 04:27 | 7440-39-3 | |
| Cadmium | 0.19J | mg/kg | 0.56 | 0.029 | 1 | 06/04/10 10:25 | 06/07/10 04:27 | 7440-43-9 | |
| Chromium | 13.2 | mg/kg | 0.56 | 0.036 | 1 | 06/04/10 10:25 | 06/07/10 04:27 | 7440-47-3 | |
| Lead | 6.2 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 04:27 | 7439-92-1 | |
| Selenium | <0.18 | mg/kg | 2.2 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 04:27 | 7782-49-2 | |
| Silver | <0.050 | mg/kg | 1.1 | 0.050 | 1 | 06/04/10 10:25 | 06/07/10 04:27 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.0097J | mg/kg | 0.011 | 0.0020 | 1 | 06/04/10 10:08 | 06/04/10 13:51 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | 1820 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 83-32-9 | |
| Acenaphthylene | 178J | ug/kg | 935 | 100 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 208-96-8 | |
| Anthracene | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 120-12-7 | |
| Benzo(a)anthracene | 105J | ug/kg | 935 | 105 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 56-55-3 | |
| Benzo(a)pyrene | <113 | ug/kg | 935 | 113 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 50-32-8 | |
| Benzo(b)fluoranthene | <110 | ug/kg | 935 | 110 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 205-99-2 | |
| Benzo(g,h,i)perylene | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 191-24-2 | |
| Benzo(k)fluoranthene | <147 | ug/kg | 935 | 147 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 207-08-9 | |
| Benzyl alcohol | <116 | ug/kg | 1870 | 116 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <99.0 | ug/kg | 935 | 99.0 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 101-55-3 | |
| Butylbenzylphthalate | <210 | ug/kg | 935 | 210 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <95.3 | ug/kg | 935 | 95.3 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 59-50-7 | |
| 4-Chloroaniline | <467 | ug/kg | 1870 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <113 | ug/kg | 935 | 113 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 111-44-4 | |
| 2-Chloronaphthalene | <97.2 | ug/kg | 935 | 97.2 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 91-58-7 | |
| 2-Chlorophenol | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 7005-72-3 | |
| Chrysene | <136 | ug/kg | 935 | 136 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 218-01-9 | |
| Dibenz(a,h)anthracene | <171 | ug/kg | 935 | 171 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 53-70-3 | |
| Dibenzofuran | 1560 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <67.7 | ug/kg | 935 | 67.7 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 91-94-1 | |
| 2,4-Dichlorophenol | <79.8 | ug/kg | 935 | 79.8 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 120-83-2 | |
| Diethylphthalate | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 84-66-2 | |
| 2,4-Dimethylphenol | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 105-67-9 | |
| Dimethylphthalate | <98.0 | ug/kg | 935 | 98.0 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 131-11-3 | |
| Di-n-butylphthalate | <156 | ug/kg | 935 | 156 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 534-52-1 | |
| 2,4-Dinitrophenol | <686 | ug/kg | 3740 | 686 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 51-28-5 | |
| 2,4-Dinitrotoluene | <73.4 | ug/kg | 935 | 73.4 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 121-14-2 | |
| 2,6-Dinitrotoluene | <108 | ug/kg | 935 | 108 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 606-20-2 | |
| Di-n-octylphthalate | <102 | ug/kg | 935 | 102 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-15 19-20 Lab ID: 4032676005 Collected: 06/01/10 14:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|--------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <191 | ug/kg | 935 | 191 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 117-81-7 | |
| Fluoranthene | 355J | ug/kg | 935 | 165 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 206-44-0 | |
| Fluorene | 1280 | ug/kg | 935 | 47.0 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <120 | ug/kg | 935 | 120 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 87-68-3 | |
| Hexachlorobenzene | <54.9 | ug/kg | 935 | 54.9 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 118-74-1 | |
| Hexachlorocyclopentadiene | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 77-47-4 | |
| Hexachloroethane | <118 | ug/kg | 935 | 118 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <125 | ug/kg | 935 | 125 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 193-39-5 | |
| Isophorone | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 78-59-1 | |
| 2-Methylnaphthalene | 5750 | ug/kg | 935 | 103 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <97.3 | ug/kg | 935 | 97.3 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | | |
| Naphthalene | 7520 | ug/kg | 935 | 109 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 91-20-3 | |
| 2-Nitroaniline | <67.7 | ug/kg | 935 | 67.7 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 88-74-4 | L2 |
| 3-Nitroaniline | <74.0 | ug/kg | 935 | 74.0 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 99-09-2 | |
| 4-Nitroaniline | <467 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 100-01-6 | |
| Nitrobenzene | <107 | ug/kg | 935 | 107 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 98-95-3 | |
| 2-Nitrophenol | <112 | ug/kg | 935 | 112 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 88-75-5 | |
| 4-Nitrophenol | <184 | ug/kg | 935 | 184 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <111 | ug/kg | 935 | 111 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 621-64-7 | |
| N-Nitrosodiphenylamine | <128 | ug/kg | 935 | 128 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 86-30-6 | |
| Pentachlorophenol | <467 | ug/kg | 1850 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 87-86-5 | |
| Phenanthrene | 1530 | ug/kg | 935 | 467 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 85-01-8 | |
| Phenol | <111 | ug/kg | 935 | 111 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 108-95-2 | |
| Pyrene | 230J | ug/kg | 935 | 227 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <293 | ug/kg | 935 | 293 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <61.5 | ug/kg | 935 | 61.5 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <103 | ug/kg | 935 | 103 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 37 | %- | | 37-130 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 69 | %- | | 46-130 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 321-60-8 | |
| Terphenyl-d14 (S) | 63 | %- | | 27-135 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 1718-51-0 | |
| Phenol-d6 (S) | 36 | %- | | 30-130 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 13127-88-3 | |
| 2-Fluorophenol (S) | 32 | %- | | 28-130 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 42 | %- | | 23-130 | 5 | 06/04/10 11:28 | 06/08/10 03:56 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|------|-------|-----|-----|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 79-00-5 | W |
| 1,1-Dichloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-34-3 | W |
| 1,1-Dichloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-35-4 | W |
| 1,1-Dichloropropene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 44 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-15 19-20 Lab ID: 4032676005 Collected: 06/01/10 14:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|-----|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 4280 | ug/kg | 538 | 224 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <658 | ug/kg | 2000 | 658 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <355 | ug/kg | 480 | 355 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 95-50-1 | W |
| 1,2-Dichloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 107-06-2 | W |
| 1,2-Dichloropropane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 2900 | ug/kg | 538 | 224 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 108-67-8 | |
| 1,3-Dichlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 541-73-1 | W |
| 1,3-Dichloropropane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 106-46-7 | W |
| 2,2-Dichloropropane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 594-20-7 | W |
| 2-Chlorotoluene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 95-49-8 | W |
| 4-Chlorotoluene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 106-43-4 | W |
| Benzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 71-43-2 | W |
| Bromobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 108-86-1 | W |
| Bromochloromethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 74-97-5 | W |
| Bromodichloromethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-27-4 | W |
| Bromoform | <207 | ug/kg | 480 | 207 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-25-2 | W |
| Bromomethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 74-83-9 | W |
| Carbon tetrachloride | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 56-23-5 | W |
| Chlorobenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 108-90-7 | W |
| Chloroethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-00-3 | W |
| Chloroform | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 67-66-3 | W |
| Chloromethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 74-87-3 | W |
| Dibromochloromethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 124-48-1 | W |
| Dibromomethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 74-95-3 | W |
| Dichlorodifluoromethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-71-8 | W |
| Diisopropyl ether | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 108-20-3 | W |
| Ethylbenzene | 643 | ug/kg | 538 | 224 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <211 | ug/kg | 480 | 211 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 98-82-8 | W |
| Methyl-tert-butyl ether | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 1634-04-4 | W |
| Methylene Chloride | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-09-2 | W |
| Naphthalene | 47800 | ug/kg | 538 | 224 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 91-20-3 | |
| Styrene | 768 | ug/kg | 538 | 224 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 100-42-5 | |
| Tetrachloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 127-18-4 | W |
| Toluene | 458J | ug/kg | 538 | 224 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 108-88-3 | |
| Trichloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 79-01-6 | W |
| Trichlorofluoromethane | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-69-4 | W |
| Vinyl chloride | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 10061-01-5 | W |
| m&p-Xylene | 3330 | ug/kg | 1080 | 448 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 179601-23-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-15 19-20 **Lab ID: 4032676005** Collected: 06/01/10 14:55 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <323 | ug/kg | 480 | 323 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 104-51-8 | W |
| n-Propylbenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 103-65-1 | W |
| o-Xylene | 1100 | ug/kg | 538 | 224 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 95-47-6 | |
| p-Isopropyltoluene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 99-87-6 | W |
| sec-Butylbenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 135-98-8 | W |
| tert-Butylbenzene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <200 | ug/kg | 480 | 200 | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 73 | %- | 67-143 | | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 1868-53-7 | |
| Toluene-d8 (S) | 85 | %- | 67-132 | | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 76 | %- | 55-141 | | 8 | 06/04/10 10:04 | 06/04/10 15:39 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 10.7 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.19 | mg/kg | 0.35 | 0.19 | 1 | 06/15/10 10:21 | 06/15/10 17:49 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-19 10-12.5 Lab ID: 4032676006 Collected: 06/01/10 15:35 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|---------|--------|------|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 3.7 | mg/kg | 2.9 | 0.14 | 1 | 06/04/10 10:25 | 06/07/10 04:31 | 7440-38-2 | |
| Barium | 86.3 | mg/kg | 0.72 | 0.065 | 1 | 06/04/10 10:25 | 06/07/10 04:31 | 7440-39-3 | |
| Cadmium | 0.17J | mg/kg | 0.72 | 0.038 | 1 | 06/04/10 10:25 | 06/07/10 04:31 | 7440-43-9 | |
| Chromium | 35.0 | mg/kg | 0.72 | 0.046 | 1 | 06/04/10 10:25 | 06/07/10 04:31 | 7440-47-3 | |
| Lead | 11.1 | mg/kg | 1.4 | 0.14 | 1 | 06/04/10 10:25 | 06/07/10 04:31 | 7439-92-1 | |
| Selenium | 0.49J | mg/kg | 2.9 | 0.23 | 1 | 06/04/10 10:25 | 06/07/10 04:31 | 7782-49-2 | |
| Silver | 0.31J | mg/kg | 1.4 | 0.065 | 1 | 06/04/10 10:25 | 06/07/10 04:31 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.077 | mg/kg | 0.015 | 0.0027 | 1 | 06/04/10 10:08 | 06/04/10 13:58 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | 332000J | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 83-32-9 | |
| Acenaphthylene | 90100J | ug/kg | 504000 | 54000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 208-96-8 | |
| Anthracene | 285000J | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 120-12-7 | |
| Benzo(a)anthracene | 153000J | ug/kg | 504000 | 56700 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 56-55-3 | |
| Benzo(a)pyrene | 107000J | ug/kg | 504000 | 61000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 50-32-8 | |
| Benzo(b)fluoranthene | 96700J | ug/kg | 504000 | 59400 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 205-99-2 | |
| Benzo(g,h,i)perylene | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 191-24-2 | |
| Benzo(k)fluoranthene | 110000J | ug/kg | 504000 | 79400 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 207-08-9 | |
| Benzyl alcohol | <62800 | ug/kg | 1010000 | 62800 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <53400 | ug/kg | 504000 | 53400 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 101-55-3 | |
| Butylbenzylphthalate | <113000 | ug/kg | 504000 | 113000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <51400 | ug/kg | 504000 | 51400 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 59-50-7 | |
| 4-Chloroaniline | <252000 | ug/kg | 1010000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <60700 | ug/kg | 504000 | 60700 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 111-44-4 | |
| 2-Chloronaphthalene | <52400 | ug/kg | 504000 | 52400 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 91-58-7 | |
| 2-Chlorophenol | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 7005-72-3 | |
| Chrysene | 227000J | ug/kg | 504000 | 73400 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 218-01-9 | |
| Dibenz(a,h)anthracene | <92200 | ug/kg | 504000 | 92200 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 53-70-3 | |
| Dibenzofuran | 339000J | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <36500 | ug/kg | 504000 | 36500 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 91-94-1 | |
| 2,4-Dichlorophenol | <43000 | ug/kg | 504000 | 43000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 120-83-2 | |
| Diethylphthalate | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 84-66-2 | |
| 2,4-Dimethylphenol | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 105-67-9 | |
| Dimethylphthalate | <52800 | ug/kg | 504000 | 52800 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 131-11-3 | |
| Di-n-butylphthalate | <84200 | ug/kg | 504000 | 84200 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 534-52-1 | |
| 2,4-Dinitrophenol | <370000 | ug/kg | 2010000 | 370000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 51-28-5 | |
| 2,4-Dinitrotoluene | <39500 | ug/kg | 504000 | 39500 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 121-14-2 | |
| 2,6-Dinitrotoluene | <58100 | ug/kg | 504000 | 58100 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 606-20-2 | |
| Di-n-octylphthalate | <55000 | ug/kg | 504000 | 55000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-19 10-12.5 Lab ID: 4032676006 Collected: 06/01/10 15:35 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--|--------|------|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| | | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | |
| bis(2-Ethylhexyl)phthalate | <103000 | ug/kg | 504000 | 103000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 117-81-7 | |
| Fluoranthene | 502000J | ug/kg | 504000 | 89100 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 206-44-0 | |
| Fluorene | 343000J | ug/kg | 504000 | 25300 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <64800 | ug/kg | 504000 | 64800 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 87-68-3 | |
| Hexachlorobenzene | <29600 | ug/kg | 504000 | 29600 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 118-74-1 | |
| Hexachlorocyclopentadiene | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 77-47-4 | |
| Hexachloroethane | <63700 | ug/kg | 504000 | 63700 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <67500 | ug/kg | 504000 | 67500 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 193-39-5 | |
| Isophorone | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 78-59-1 | |
| 2-Methylnaphthalene | 1050000 | ug/kg | 504000 | 55500 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <52500 | ug/kg | 504000 | 52500 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | | |
| Naphthalene | 4060000 | ug/kg | 504000 | 58900 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 91-20-3 | |
| 2-Nitroaniline | <36500 | ug/kg | 504000 | 36500 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 88-74-4 | L2 |
| 3-Nitroaniline | <39900 | ug/kg | 504000 | 39900 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 99-09-2 | |
| 4-Nitroaniline | <252000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 100-01-6 | |
| Nitrobenzene | <57800 | ug/kg | 504000 | 57800 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 98-95-3 | |
| 2-Nitrophenol | <60200 | ug/kg | 504000 | 60200 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 88-75-5 | |
| 4-Nitrophenol | <99300 | ug/kg | 504000 | 99300 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <59700 | ug/kg | 504000 | 59700 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 621-64-7 | |
| N-Nitrosodiphenylamine | <69100 | ug/kg | 504000 | 69100 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 86-30-6 | |
| Pentachlorophenol | <252000 | ug/kg | 996000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 87-86-5 | |
| Phenanthrene | 926000 | ug/kg | 504000 | 252000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 85-01-8 | |
| Phenol | <59800 | ug/kg | 504000 | 59800 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 108-95-2 | |
| Pyrene | 352000J | ug/kg | 504000 | 123000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <158000 | ug/kg | 504000 | 158000 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <33100 | ug/kg | 504000 | 33100 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <55600 | ug/kg | 504000 | 55600 | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 2000 | 06/04/10 11:28 | 06/08/10 03:24 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|-------|------|-----|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 79-00-5 | W |
| 1,1-Dichloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-34-3 | W |
| 1,1-Dichloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-35-4 | W |
| 1,1-Dichloropropene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 48 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032676

Sample: B-19 10-12.5 Lab ID: 4032676006 Collected: 06/01/10 15:35 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|-------|-------|-----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 64900 | ug/kg | 18100 | 7550 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <16500 | ug/kg | 50000 | 16500 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <8880 | ug/kg | 12000 | 8880 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 95-50-1 | W |
| 1,2-Dichloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 107-06-2 | W |
| 1,2-Dichloropropane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 49000 | ug/kg | 18100 | 7550 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 108-67-8 | |
| 1,3-Dichlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 541-73-1 | W |
| 1,3-Dichloropropane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 106-46-7 | W |
| 2,2-Dichloropropane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 594-20-7 | W |
| 2-Chlorotoluene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 95-49-8 | W |
| 4-Chlorotoluene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 106-43-4 | W |
| Benzene | 40400 | ug/kg | 18100 | 7550 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 71-43-2 | |
| Bromobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 108-86-1 | W |
| Bromochloromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 74-97-5 | W |
| Bromodichloromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-27-4 | W |
| Bromoform | <5180 | ug/kg | 12000 | 5180 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-25-2 | W |
| Bromomethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 74-83-9 | W |
| Carbon tetrachloride | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 56-23-5 | W |
| Chlorobenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 108-90-7 | W |
| Chloroethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-00-3 | W |
| Chloroform | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 67-66-3 | W |
| Chloromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 74-87-3 | W |
| Dibromochloromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 124-48-1 | W |
| Dibromomethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 74-95-3 | W |
| Dichlorodifluoromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-71-8 | W |
| Diisopropyl ether | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 108-20-3 | W |
| Ethylbenzene | 32200 | ug/kg | 18100 | 7550 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <5280 | ug/kg | 12000 | 5280 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 98-82-8 | W |
| Methyl-tert-butyl ether | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 1634-04-4 | W |
| Methylene Chloride | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-09-2 | W |
| Naphthalene | 2650000 | ug/kg | 18100 | 7550 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 91-20-3 | |
| Styrene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 100-42-5 | W |
| Tetrachloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 127-18-4 | W |
| Toluene | 85600 | ug/kg | 18100 | 7550 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 108-88-3 | |
| Trichloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 79-01-6 | W |
| Trichlorofluoromethane | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-69-4 | W |
| Vinyl chloride | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 10061-01-5 | W |
| m&p-Xylene | 140000 | ug/kg | 36200 | 15100 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 179601-23-1 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 49 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-19 10-12.5 **Lab ID: 4032676006** Collected: 06/01/10 15:35 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|-----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <8080 | ug/kg | 12000 | 8080 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 104-51-8 | W |
| n-Propylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 103-65-1 | W |
| o-Xylene | 43700 | ug/kg | 18100 | 7550 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 95-47-6 | |
| p-Isopropyltoluene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 99-87-6 | W |
| sec-Butylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 135-98-8 | W |
| tert-Butylbenzene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <5000 | ug/kg | 12000 | 5000 | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 200 | 06/04/10 10:04 | 06/04/10 17:34 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 33.8 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.38 | mg/kg | 0.70 | 0.38 | 1 | 06/15/10 10:21 | 06/15/10 17:52 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032676

Sample: MW-18 **Lab ID: 4032676007** Collected: 06/01/10 16:30 Received: 06/03/10 10:05 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|-----------------|---|------|------|----|----------------|----------------|-----------|------|
| 6010 MET ICP, Dissolved | | Analytical Method: EPA 6010 Preparation Method: EPA 6010 | | | | | | | |
| Arsenic, Dissolved | 3.2J | ug/L | 20.0 | 0.55 | 1 | 06/08/10 07:20 | 06/10/10 16:02 | 7440-38-2 | B |
| Barium, Dissolved | 98.8 | ug/L | 5.0 | 0.27 | 1 | 06/08/10 07:20 | 06/10/10 16:02 | 7440-39-3 | |
| Cadmium, Dissolved | 0.32J | ug/L | 5.0 | 0.26 | 1 | 06/08/10 07:20 | 06/10/10 16:02 | 7440-43-9 | |
| Chromium, Dissolved | 0.63J | ug/L | 5.0 | 0.44 | 1 | 06/08/10 07:20 | 06/10/10 16:02 | 7440-47-3 | |
| Lead, Dissolved | <1.4 | ug/L | 7.5 | 1.4 | 1 | 06/08/10 07:20 | 06/10/10 16:02 | 7439-92-1 | |
| Selenium, Dissolved | 3.9J | ug/L | 20.0 | 2.1 | 1 | 06/08/10 07:20 | 06/10/10 16:02 | 7782-49-2 | B |
| Silver, Dissolved | <0.46 | ug/L | 10.0 | 0.46 | 1 | 06/08/10 07:20 | 06/10/10 16:02 | 7440-22-4 | |
| 7470 Mercury, Dissolved | | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | |
| Mercury, Dissolved | <0.10 | ug/L | 0.20 | 0.10 | 1 | 06/11/10 08:50 | 06/11/10 14:07 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| Acenaphthene | 609 | ug/L | 100 | 19.1 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 83-32-9 | |
| Acenaphthylene | <19.9 | ug/L | 100 | 19.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 208-96-8 | |
| Anthracene | 136 | ug/L | 100 | 12.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 120-12-7 | |
| Benzo(a)anthracene | 102 | ug/L | 100 | 12.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 56-55-3 | |
| Benzo(a)pyrene | 52.5J | ug/L | 100 | 19.3 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 50-32-8 | |
| Benzo(b)fluoranthene | 47.6J | ug/L | 100 | 28.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 205-99-2 | |
| Benzo(g,h,i)perylene | <15.4 | ug/L | 100 | 15.4 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 191-24-2 | |
| Benzo(k)fluoranthene | 55.1J | ug/L | 100 | 20.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <26.0 | ug/L | 100 | 26.0 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 101-55-3 | |
| Butylbenzylphthalate | <21.7 | ug/L | 100 | 21.7 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 85-68-7 | |
| Carbazole | 22.8J | ug/L | 100 | 13.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <20.2 | ug/L | 100 | 20.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 59-50-7 | |
| 4-Chloroaniline | <16.2 | ug/L | 100 | 16.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <23.9 | ug/L | 100 | 23.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <13.2 | ug/L | 100 | 13.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 111-44-4 | |
| 2-Chloronaphthalene | <16.9 | ug/L | 100 | 16.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 91-58-7 | |
| 2-Chlorophenol | <14.0 | ug/L | 100 | 14.0 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <23.8 | ug/L | 100 | 23.8 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 7005-72-3 | |
| Chrysene | 88.3J | ug/L | 100 | 15.6 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 218-01-9 | |
| Dibenz(a,h)anthracene | <27.6 | ug/L | 100 | 27.6 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 53-70-3 | |
| Dibenzofuran | 458 | ug/L | 100 | 21.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 132-64-9 | |
| 1,2-Dichlorobenzene | <14.2 | ug/L | 100 | 14.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 95-50-1 | |
| 1,3-Dichlorobenzene | <16.5 | ug/L | 100 | 16.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 541-73-1 | |
| 1,4-Dichlorobenzene | <17.2 | ug/L | 100 | 17.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <22.2 | ug/L | 100 | 22.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 91-94-1 | |
| 2,4-Dichlorophenol | <22.9 | ug/L | 100 | 22.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 120-83-2 | |
| Diethylphthalate | <26.9 | ug/L | 100 | 26.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 84-66-2 | |
| 2,4-Dimethylphenol | <22.5 | ug/L | 100 | 22.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 105-67-9 | |
| Dimethylphthalate | <20.9 | ug/L | 100 | 20.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 131-11-3 | |
| Di-n-butylphthalate | <17.9 | ug/L | 100 | 17.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <14.9 | ug/L | 100 | 14.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 534-52-1 | |
| 2,4-Dinitrophenol | <41.1 | ug/L | 200 | 41.1 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 51-28-5 | |
| 2,4-Dinitrotoluene | <16.1 | ug/L | 100 | 16.1 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 121-14-2 | |
| 2,6-Dinitrotoluene | <21.5 | ug/L | 100 | 21.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 606-20-2 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: MW-18 **Lab ID: 4032676007** Collected: 06/01/10 16:30 Received: 06/03/10 10:05 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Di-n-octylphthalate | <30.5 | ug/L | 100 | 30.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <51.9 | ug/L | 100 | 51.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 117-81-7 | |
| Fluoranthene | 503 | ug/L | 100 | 18.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 206-44-0 | |
| Fluorene | 514 | ug/L | 100 | 22.8 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <13.2 | ug/L | 200 | 13.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 87-68-3 | |
| Hexachlorobenzene | <22.2 | ug/L | 100 | 22.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 118-74-1 | |
| Hexachlorocyclopentadiene | <21.9 | ug/L | 100 | 21.9 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 77-47-4 | |
| Hexachloroethane | <11.6 | ug/L | 100 | 11.6 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 21.2J | ug/L | 100 | 13.4 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 193-39-5 | |
| Isophorone | <27.3 | ug/L | 100 | 27.3 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 78-59-1 | |
| 2-Methylnaphthalene | 274 | ug/L | 100 | 27.0 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <19.5 | ug/L | 100 | 19.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <15.3 | ug/L | 100 | 15.3 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | | |
| Naphthalene | 859 | ug/L | 100 | 14.1 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 91-20-3 | |
| 2-Nitroaniline | <16.7 | ug/L | 100 | 16.7 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 88-74-4 | |
| 3-Nitroaniline | <19.3 | ug/L | 100 | 19.3 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 99-09-2 | |
| 4-Nitroaniline | <22.0 | ug/L | 100 | 22.0 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 100-01-6 | |
| Nitrobenzene | <27.3 | ug/L | 100 | 27.3 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 98-95-3 | |
| 2-Nitrophenol | <27.2 | ug/L | 100 | 27.2 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 88-75-5 | |
| 4-Nitrophenol | <17.5 | ug/L | 200 | 17.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <21.3 | ug/L | 100 | 21.3 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 621-64-7 | |
| N-Nitrosodiphenylamine | <49.1 | ug/L | 200 | 49.1 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <16.4 | ug/L | 100 | 16.4 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 108-60-1 | L2 |
| Pentachlorophenol | <21.5 | ug/L | 200 | 21.5 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 87-86-5 | L2 |
| Phenanthrene | 1130 | ug/L | 100 | 12.7 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 85-01-8 | |
| Phenol | <20.7 | ug/L | 100 | 20.7 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 108-95-2 | |
| Pyrene | 299 | ug/L | 100 | 32.1 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <17.4 | ug/L | 100 | 17.4 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <20.0 | ug/L | 100 | 20.0 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <21.4 | ug/L | 100 | 21.4 | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 66-130 | | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 66-130 | | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 52-130 | | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 20-130 | | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 32-130 | | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 42-130 | | 20 | 06/04/10 08:00 | 06/08/10 00:12 | 118-79-6 | S4 |

8260 MSV

Analytical Method: EPA 8260

| | | | | | | | | | |
|----------------------|------|------|------|-----|----|--|----------------|----------|--|
| Benzene | <4.1 | ug/L | 10.0 | 4.1 | 10 | | 06/07/10 10:39 | 71-43-2 | |
| Bromobenzene | <8.2 | ug/L | 10.0 | 8.2 | 10 | | 06/07/10 10:39 | 108-86-1 | |
| Bromochloromethane | <9.7 | ug/L | 10.0 | 9.7 | 10 | | 06/07/10 10:39 | 74-97-5 | |
| Bromodichloromethane | <5.6 | ug/L | 10.0 | 5.6 | 10 | | 06/07/10 10:39 | 75-27-4 | |
| Bromoform | <9.4 | ug/L | 10.0 | 9.4 | 10 | | 06/07/10 10:39 | 75-25-2 | |
| Bromomethane | <9.1 | ug/L | 10.0 | 9.1 | 10 | | 06/07/10 10:39 | 74-83-9 | |
| n-Butylbenzene | <9.3 | ug/L | 10.0 | 9.3 | 10 | | 06/07/10 10:39 | 104-51-8 | |
| sec-Butylbenzene | <8.9 | ug/L | 50.0 | 8.9 | 10 | | 06/07/10 10:39 | 135-98-8 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 52 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: MW-18 **Lab ID: 4032676007** Collected: 06/01/10 16:30 Received: 06/03/10 10:05 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| tert-Butylbenzene | <9.7 | ug/L | 10.0 | 9.7 | 10 | | 06/07/10 10:39 | 98-06-6 | |
| Carbon tetrachloride | <4.9 | ug/L | 10.0 | 4.9 | 10 | | 06/07/10 10:39 | 56-23-5 | |
| Chlorobenzene | <4.1 | ug/L | 10.0 | 4.1 | 10 | | 06/07/10 10:39 | 108-90-7 | |
| Chloroethane | <9.7 | ug/L | 10.0 | 9.7 | 10 | | 06/07/10 10:39 | 75-00-3 | |
| Chloroform | <13.0 | ug/L | 50.0 | 13.0 | 10 | | 06/07/10 10:39 | 67-66-3 | |
| Chloromethane | <2.4 | ug/L | 10.0 | 2.4 | 10 | | 06/07/10 10:39 | 74-87-3 | |
| 2-Chlorotoluene | <8.5 | ug/L | 10.0 | 8.5 | 10 | | 06/07/10 10:39 | 95-49-8 | |
| 4-Chlorotoluene | <7.4 | ug/L | 10.0 | 7.4 | 10 | | 06/07/10 10:39 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <16.8 | ug/L | 50.0 | 16.8 | 10 | | 06/07/10 10:39 | 96-12-8 | |
| Dibromochloromethane | <8.1 | ug/L | 10.0 | 8.1 | 10 | | 06/07/10 10:39 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <5.6 | ug/L | 10.0 | 5.6 | 10 | | 06/07/10 10:39 | 106-93-4 | |
| Dibromomethane | <6.0 | ug/L | 10.0 | 6.0 | 10 | | 06/07/10 10:39 | 74-95-3 | |
| 1,2-Dichlorobenzene | <8.3 | ug/L | 10.0 | 8.3 | 10 | | 06/07/10 10:39 | 95-50-1 | |
| 1,3-Dichlorobenzene | <8.7 | ug/L | 10.0 | 8.7 | 10 | | 06/07/10 10:39 | 541-73-1 | |
| 1,4-Dichlorobenzene | <9.5 | ug/L | 10.0 | 9.5 | 10 | | 06/07/10 10:39 | 106-46-7 | |
| Dichlorodifluoromethane | <9.9 | ug/L | 10.0 | 9.9 | 10 | | 06/07/10 10:39 | 75-71-8 | |
| 1,1-Dichloroethane | <7.5 | ug/L | 10.0 | 7.5 | 10 | | 06/07/10 10:39 | 75-34-3 | |
| 1,2-Dichloroethane | <3.6 | ug/L | 10.0 | 3.6 | 10 | | 06/07/10 10:39 | 107-06-2 | |
| 1,1-Dichloroethene | <5.7 | ug/L | 10.0 | 5.7 | 10 | | 06/07/10 10:39 | 75-35-4 | |
| cis-1,2-Dichloroethene | <8.3 | ug/L | 10.0 | 8.3 | 10 | | 06/07/10 10:39 | 156-59-2 | |
| trans-1,2-Dichloroethene | <8.9 | ug/L | 10.0 | 8.9 | 10 | | 06/07/10 10:39 | 156-60-5 | |
| 1,2-Dichloropropane | <4.9 | ug/L | 10.0 | 4.9 | 10 | | 06/07/10 10:39 | 78-87-5 | |
| 1,3-Dichloropropane | <6.1 | ug/L | 10.0 | 6.1 | 10 | | 06/07/10 10:39 | 142-28-9 | |
| 2,2-Dichloropropane | <6.2 | ug/L | 10.0 | 6.2 | 10 | | 06/07/10 10:39 | 594-20-7 | |
| 1,1-Dichloropropene | <7.5 | ug/L | 10.0 | 7.5 | 10 | | 06/07/10 10:39 | 563-58-6 | |
| cis-1,3-Dichloropropene | <2.0 | ug/L | 10.0 | 2.0 | 10 | | 06/07/10 10:39 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <1.9 | ug/L | 10.0 | 1.9 | 10 | | 06/07/10 10:39 | 10061-02-6 | |
| Diisopropyl ether | <7.6 | ug/L | 10.0 | 7.6 | 10 | | 06/07/10 10:39 | 108-20-3 | |
| Ethylbenzene | 16.7 | ug/L | 10.0 | 5.4 | 10 | | 06/07/10 10:39 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <6.7 | ug/L | 50.0 | 6.7 | 10 | | 06/07/10 10:39 | 87-68-3 | |
| Isopropylbenzene (Cumene) | 9.5J | ug/L | 10.0 | 5.9 | 10 | | 06/07/10 10:39 | 98-82-8 | |
| p-Isopropyltoluene | <6.7 | ug/L | 10.0 | 6.7 | 10 | | 06/07/10 10:39 | 99-87-6 | |
| Methylene Chloride | <4.3 | ug/L | 10.0 | 4.3 | 10 | | 06/07/10 10:39 | 75-09-2 | |
| Methyl-tert-butyl ether | <6.1 | ug/L | 10.0 | 6.1 | 10 | | 06/07/10 10:39 | 1634-04-4 | |
| Naphthalene | 2520 | ug/L | 50.0 | 8.9 | 10 | | 06/07/10 10:39 | 91-20-3 | |
| n-Propylbenzene | <8.1 | ug/L | 10.0 | 8.1 | 10 | | 06/07/10 10:39 | 103-65-1 | |
| Styrene | <8.6 | ug/L | 10.0 | 8.6 | 10 | | 06/07/10 10:39 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <9.2 | ug/L | 10.0 | 9.2 | 10 | | 06/07/10 10:39 | 630-20-6 | |
| 1,1,1,2,2-Tetrachloroethane | <2.0 | ug/L | 10.0 | 2.0 | 10 | | 06/07/10 10:39 | 79-34-5 | |
| Tetrachloroethene | <4.5 | ug/L | 10.0 | 4.5 | 10 | | 06/07/10 10:39 | 127-18-4 | |
| Toluene | <6.7 | ug/L | 10.0 | 6.7 | 10 | | 06/07/10 10:39 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <7.4 | ug/L | 10.0 | 7.4 | 10 | | 06/07/10 10:39 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <9.7 | ug/L | 10.0 | 9.7 | 10 | | 06/07/10 10:39 | 120-82-1 | |
| 1,1,1-Trichloroethane | <9.0 | ug/L | 10.0 | 9.0 | 10 | | 06/07/10 10:39 | 71-55-6 | |
| 1,1,2-Trichloroethane | <4.2 | ug/L | 10.0 | 4.2 | 10 | | 06/07/10 10:39 | 79-00-5 | |
| Trichloroethene | <4.8 | ug/L | 10.0 | 4.8 | 10 | | 06/07/10 10:39 | 79-01-6 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 53 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: MW-18 **Lab ID: 4032676007** Collected: 06/01/10 16:30 Received: 06/03/10 10:05 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|------------------------------|--------|--------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Trichlorofluoromethane | <7.9 | ug/L | 10.0 | 7.9 | 10 | | 06/07/10 10:39 | 75-69-4 | |
| 1,2,3-Trichloropropane | <9.9 | ug/L | 10.0 | 9.9 | 10 | | 06/07/10 10:39 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 19.4 | ug/L | 10.0 | 9.7 | 10 | | 06/07/10 10:39 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <8.3 | ug/L | 10.0 | 8.3 | 10 | | 06/07/10 10:39 | 108-67-8 | |
| Vinyl chloride | <1.8 | ug/L | 10.0 | 1.8 | 10 | | 06/07/10 10:39 | 75-01-4 | |
| m&p-Xylene | <18.0 | ug/L | 20.0 | 18.0 | 10 | | 06/07/10 10:39 | 179601-23-1 | |
| o-Xylene | <8.3 | ug/L | 10.0 | 8.3 | 10 | | 06/07/10 10:39 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 90 | %- | 69-130 | | 10 | | 06/07/10 10:39 | 460-00-4 | |
| Dibromofluoromethane (S) | 99 | %- | 70-134 | | 10 | | 06/07/10 10:39 | 1868-53-7 | |
| Toluene-d8 (S) | 94 | %- | 70-130 | | 10 | | 06/07/10 10:39 | 2037-26-5 | |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | | | | | | |
| Cyanide | <0.0061 | mg/L | 0.020 | 0.0061 | 1 | | 06/07/10 16:27 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: **B-19 18-20** Lab ID: **4032676008** Collected: 06/01/10 15:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 3.8 | mg/kg | 2.3 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 04:43 | 7440-38-2 | |
| Barium | 43.7 | mg/kg | 0.57 | 0.051 | 1 | 06/04/10 10:25 | 06/07/10 04:43 | 7440-39-3 | |
| Cadmium | 0.18J | mg/kg | 0.57 | 0.030 | 1 | 06/04/10 10:25 | 06/07/10 04:43 | 7440-43-9 | |
| Chromium | 14.4 | mg/kg | 0.57 | 0.036 | 1 | 06/04/10 10:25 | 06/07/10 04:43 | 7440-47-3 | |
| Lead | 5.6 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 04:43 | 7439-92-1 | |
| Selenium | 0.24J | mg/kg | 2.3 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 04:43 | 7782-49-2 | |
| Silver | 0.083J | mg/kg | 1.1 | 0.051 | 1 | 06/04/10 10:25 | 06/07/10 04:43 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.010J | mg/kg | 0.012 | 0.0021 | 1 | 06/04/10 10:08 | 06/04/10 13:59 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 83-32-9 | |
| Acenaphthylene | <21.4 | ug/kg | 200 | 21.4 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 208-96-8 | |
| Anthracene | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 120-12-7 | |
| Benzo(a)anthracene | <22.4 | ug/kg | 200 | 22.4 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 56-55-3 | |
| Benzo(a)pyrene | <24.2 | ug/kg | 200 | 24.2 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 50-32-8 | |
| Benzo(b)fluoranthene | <23.5 | ug/kg | 200 | 23.5 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 205-99-2 | |
| Benzo(g,h,i)perylene | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 191-24-2 | |
| Benzo(k)fluoranthene | <31.4 | ug/kg | 200 | 31.4 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 207-08-9 | |
| Benzyl alcohol | <24.9 | ug/kg | 398 | 24.9 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <21.1 | ug/kg | 200 | 21.1 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 101-55-3 | |
| Butylbenzylphthalate | <44.9 | ug/kg | 200 | 44.9 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <20.4 | ug/kg | 200 | 20.4 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 59-50-7 | |
| 4-Chloroaniline | <99.6 | ug/kg | 398 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.1 | ug/kg | 200 | 24.1 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 111-44-4 | |
| 2-Chloronaphthalene | <20.7 | ug/kg | 200 | 20.7 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 91-58-7 | |
| 2-Chlorophenol | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 7005-72-3 | |
| Chrysene | <29.1 | ug/kg | 200 | 29.1 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 218-01-9 | |
| Dibenz(a,h)anthracene | <36.5 | ug/kg | 200 | 36.5 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 53-70-3 | |
| Dibenzofuran | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.5 | ug/kg | 200 | 14.5 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.0 | ug/kg | 200 | 17.0 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 120-83-2 | |
| Diethylphthalate | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 84-66-2 | |
| 2,4-Dimethylphenol | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 105-67-9 | |
| Dimethylphthalate | <20.9 | ug/kg | 200 | 20.9 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 131-11-3 | |
| Di-n-butylphthalate | <33.4 | ug/kg | 200 | 33.4 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 534-52-1 | |
| 2,4-Dinitrophenol | <146 | ug/kg | 798 | 146 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.7 | ug/kg | 200 | 15.7 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 121-14-2 | |
| 2,6-Dinitrotoluene | <23.0 | ug/kg | 200 | 23.0 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 606-20-2 | |
| Di-n-octylphthalate | <21.8 | ug/kg | 200 | 21.8 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 117-84-0 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 55 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-19 18-20 Lab ID: 4032676008 Collected: 06/01/10 15:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <40.8 | ug/kg | 200 | 40.8 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 117-81-7 | |
| Fluoranthene | 75.8J | ug/kg | 200 | 35.3 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 206-44-0 | |
| Fluorene | 55.3J | ug/kg | 200 | 10.0 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <25.6 | ug/kg | 200 | 25.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 87-68-3 | |
| Hexachlorobenzene | <11.7 | ug/kg | 200 | 11.7 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 118-74-1 | |
| Hexachlorocyclopentadiene | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 77-47-4 | |
| Hexachloroethane | <25.2 | ug/kg | 200 | 25.2 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <26.7 | ug/kg | 200 | 26.7 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 193-39-5 | |
| Isophorone | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 78-59-1 | |
| 2-Methylnaphthalene | 149J | ug/kg | 200 | 22.0 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <20.8 | ug/kg | 200 | 20.8 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | | |
| Naphthalene | 558 | ug/kg | 200 | 23.3 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 91-20-3 | |
| 2-Nitroaniline | <14.4 | ug/kg | 200 | 14.4 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 88-74-4 | L2 |
| 3-Nitroaniline | <15.8 | ug/kg | 200 | 15.8 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 99-09-2 | |
| 4-Nitroaniline | <99.6 | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 100-01-6 | |
| Nitrobenzene | <22.9 | ug/kg | 200 | 22.9 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 98-95-3 | |
| 2-Nitrophenol | <23.8 | ug/kg | 200 | 23.8 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 88-75-5 | |
| 4-Nitrophenol | <39.3 | ug/kg | 200 | 39.3 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <23.6 | ug/kg | 200 | 23.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 621-64-7 | |
| N-Nitrosodiphenylamine | <27.4 | ug/kg | 200 | 27.4 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 86-30-6 | |
| Pentachlorophenol | <99.6 | ug/kg | 395 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 87-86-5 | |
| Phenanthrene | 147J | ug/kg | 200 | 99.6 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 85-01-8 | |
| Phenol | <23.7 | ug/kg | 200 | 23.7 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 108-95-2 | |
| Pyrene | 49.3J | ug/kg | 200 | 48.5 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <62.5 | ug/kg | 200 | 62.5 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.1 | ug/kg | 200 | 13.1 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.0 | ug/kg | 200 | 22.0 | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 66 | %- | 37-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 83 | %- | 46-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 321-60-8 | |
| Terphenyl-d14 (S) | 65 | %- | 27-135 | | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 1718-51-0 | |
| Phenol-d6 (S) | 64 | %- | 30-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 13127-88-3 | |
| 2-Fluorophenol (S) | 64 | %- | 28-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 74 | %- | 23-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:24 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 56 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-19 18-20 Lab ID: 4032676008 Collected: 06/01/10 15:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 110 | ug/kg | 71.7 | 29.9 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-09-2 | W |
| Naphthalene | 885 | ug/kg | 71.7 | 29.9 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-19 18-20 **Lab ID: 4032676008** Collected: 06/01/10 15:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 84 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 89 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 11:49 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 16.4 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.38 | mg/kg | 0.68 | 0.38 | 1 | 06/15/10 10:21 | 06/15/10 17:52 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-15 16-18 **Lab ID: 4032676009** Collected: 06/01/10 15:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 11.5 | mg/kg | 2.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:47 | 7440-38-2 | |
| Barium | 44.8 | mg/kg | 0.53 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 04:47 | 7440-39-3 | |
| Cadmium | 0.19J | mg/kg | 0.53 | 0.028 | 1 | 06/04/10 10:25 | 06/07/10 04:47 | 7440-43-9 | |
| Chromium | 14.6 | mg/kg | 0.53 | 0.034 | 1 | 06/04/10 10:25 | 06/07/10 04:47 | 7440-47-3 | |
| Lead | 7.8 | mg/kg | 1.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:47 | 7439-92-1 | |
| Selenium | 0.56J | mg/kg | 2.1 | 0.17 | 1 | 06/04/10 10:25 | 06/07/10 04:47 | 7782-49-2 | |
| Silver | 0.15J | mg/kg | 1.1 | 0.047 | 1 | 06/04/10 10:25 | 06/07/10 04:47 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.010J | mg/kg | 0.011 | 0.0020 | 1 | 06/04/10 10:08 | 06/04/10 14:01 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | 35700 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 83-32-9 | |
| Acenaphthylene | <2040 | ug/kg | 19000 | 2040 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 208-96-8 | |
| Anthracene | 28000 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 120-12-7 | |
| Benzo(a)anthracene | 12600J | ug/kg | 19000 | 2140 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 56-55-3 | |
| Benzo(a)pyrene | 6950J | ug/kg | 19000 | 2300 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 50-32-8 | |
| Benzo(b)fluoranthene | 7300J | ug/kg | 19000 | 2240 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 205-99-2 | |
| Benzo(g,h,i)perylene | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 191-24-2 | |
| Benzo(k)fluoranthene | 6110J | ug/kg | 19000 | 3000 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 207-08-9 | |
| Benzyl alcohol | <2370 | ug/kg | 37900 | 2370 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <2010 | ug/kg | 19000 | 2010 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 101-55-3 | |
| Butylbenzylphthalate | <4280 | ug/kg | 19000 | 4280 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <1940 | ug/kg | 19000 | 1940 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 59-50-7 | |
| 4-Chloroaniline | <9490 | ug/kg | 37900 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <2290 | ug/kg | 19000 | 2290 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 111-44-4 | |
| 2-Chloronaphthalene | <1980 | ug/kg | 19000 | 1980 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 91-58-7 | |
| 2-Chlorophenol | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 7005-72-3 | |
| Chrysene | 19700 | ug/kg | 19000 | 2770 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 218-01-9 | |
| Dibenz(a,h)anthracene | <3480 | ug/kg | 19000 | 3480 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 53-70-3 | |
| Dibenzofuran | 29400 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <1380 | ug/kg | 19000 | 1380 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 91-94-1 | |
| 2,4-Dichlorophenol | <1620 | ug/kg | 19000 | 1620 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 120-83-2 | |
| Diethylphthalate | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 84-66-2 | |
| 2,4-Dimethylphenol | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 105-67-9 | |
| Dimethylphthalate | <1990 | ug/kg | 19000 | 1990 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 131-11-3 | |
| Di-n-butylphthalate | <3180 | ug/kg | 19000 | 3180 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 534-52-1 | |
| 2,4-Dinitrophenol | <13900 | ug/kg | 76000 | 13900 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 51-28-5 | |
| 2,4-Dinitrotoluene | <1490 | ug/kg | 19000 | 1490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 121-14-2 | |
| 2,6-Dinitrotoluene | <2190 | ug/kg | 19000 | 2190 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 606-20-2 | |
| Di-n-octylphthalate | <2070 | ug/kg | 19000 | 2070 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-15 16-18 Lab ID: 4032676009 Collected: 06/01/10 15:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|-----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <3890 | ug/kg | 19000 | 3890 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 117-81-7 | |
| Fluoranthene | 41600 | ug/kg | 19000 | 3360 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 206-44-0 | |
| Fluorene | 32100 | ug/kg | 19000 | 955 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <2440 | ug/kg | 19000 | 2440 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 87-68-3 | |
| Hexachlorobenzene | <1120 | ug/kg | 19000 | 1120 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 118-74-1 | |
| Hexachlorocyclopentadiene | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 77-47-4 | |
| Hexachloroethane | <2400 | ug/kg | 19000 | 2400 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <2550 | ug/kg | 19000 | 2550 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 193-39-5 | |
| Isophorone | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 78-59-1 | |
| 2-Methylnaphthalene | 88700 | ug/kg | 19000 | 2090 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <1980 | ug/kg | 19000 | 1980 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | | |
| Naphthalene | 128000 | ug/kg | 19000 | 2220 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 91-20-3 | |
| 2-Nitroaniline | <1380 | ug/kg | 19000 | 1380 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 88-74-4 | L2 |
| 3-Nitroaniline | <1500 | ug/kg | 19000 | 1500 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 99-09-2 | |
| 4-Nitroaniline | <9490 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 100-01-6 | |
| Nitrobenzene | <2180 | ug/kg | 19000 | 2180 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 98-95-3 | |
| 2-Nitrophenol | <2270 | ug/kg | 19000 | 2270 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 88-75-5 | |
| 4-Nitrophenol | <3740 | ug/kg | 19000 | 3740 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <2250 | ug/kg | 19000 | 2250 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2610 | ug/kg | 19000 | 2610 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 86-30-6 | |
| Pentachlorophenol | <9490 | ug/kg | 37600 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 87-86-5 | |
| Phenanthrene | 77600 | ug/kg | 19000 | 9490 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 85-01-8 | |
| Phenol | <2260 | ug/kg | 19000 | 2260 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 108-95-2 | |
| Pyrene | 27700 | ug/kg | 19000 | 4620 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <5950 | ug/kg | 19000 | 5950 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <1250 | ug/kg | 19000 | 1250 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <2100 | ug/kg | 19000 | 2100 | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 100 | 06/04/10 11:28 | 06/08/10 01:48 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|-----|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 79-00-5 | W |
| 1,1-Dichloroethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-34-3 | W |
| 1,1-Dichloroethene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-35-4 | W |
| 1,1-Dichloropropene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 60 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-15 16-18 Lab ID: 4032676009 Collected: 06/01/10 15:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|------|-----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 65000 | ug/kg | 6830 | 2850 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <8230 | ug/kg | 25000 | 8230 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <4440 | ug/kg | 6000 | 4440 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 95-50-1 | W |
| 1,2-Dichloroethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 107-06-2 | W |
| 1,2-Dichloropropane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 42600 | ug/kg | 6830 | 2850 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 108-67-8 | |
| 1,3-Dichlorobenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 541-73-1 | W |
| 1,3-Dichloropropane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 106-46-7 | W |
| 2,2-Dichloropropane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 594-20-7 | W |
| 2-Chlorotoluene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 95-49-8 | W |
| 4-Chlorotoluene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 106-43-4 | W |
| Benzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 71-43-2 | W |
| Bromobenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 108-86-1 | W |
| Bromochloromethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 74-97-5 | W |
| Bromodichloromethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-27-4 | W |
| Bromoform | <2590 | ug/kg | 6000 | 2590 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-25-2 | W |
| Bromomethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 74-83-9 | W |
| Carbon tetrachloride | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 56-23-5 | W |
| Chlorobenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 108-90-7 | W |
| Chloroethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-00-3 | W |
| Chloroform | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 67-66-3 | W |
| Chloromethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 74-87-3 | W |
| Dibromochloromethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 124-48-1 | W |
| Dibromomethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 74-95-3 | W |
| Dichlorodifluoromethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-71-8 | W |
| Diisopropyl ether | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 108-20-3 | W |
| Ethylbenzene | 10900 | ug/kg | 6830 | 2850 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2640 | ug/kg | 6000 | 2640 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | 3580J | ug/kg | 6830 | 2850 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 98-82-8 | |
| Methyl-tert-butyl ether | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 1634-04-4 | W |
| Methylene Chloride | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-09-2 | W |
| Naphthalene | 812000 | ug/kg | 6830 | 2850 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 91-20-3 | |
| Styrene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 100-42-5 | W |
| Tetrachloroethene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 127-18-4 | W |
| Toluene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 108-88-3 | W |
| Trichloroethene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 79-01-6 | W |
| Trichlorofluoromethane | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-69-4 | W |
| Vinyl chloride | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 10061-01-5 | W |
| m&p-Xylene | 45600 | ug/kg | 13700 | 5690 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 179601-23-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-15 16-18 **Lab ID: 4032676009** Collected: 06/01/10 15:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|-----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <4040 | ug/kg | 6000 | 4040 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 104-51-8 | W |
| n-Propylbenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 103-65-1 | W |
| o-Xylene | 18100 | ug/kg | 6830 | 2850 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 95-47-6 | |
| p-Isopropyltoluene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 99-87-6 | W |
| sec-Butylbenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 135-98-8 | W |
| tert-Butylbenzene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <2500 | ug/kg | 6000 | 2500 | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 100 | 06/04/10 10:04 | 06/04/10 17:11 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 12.2 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.31 | mg/kg | 0.57 | 0.31 | 1 | 06/15/10 10:21 | 06/15/10 17:53 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-18 10-12 **Lab ID: 4032676010** Collected: 06/01/10 14:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|------------------|--|--------|--------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 2.0J | mg/kg | 2.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:51 | 7440-38-2 | |
| Barium | 18.3 | mg/kg | 0.53 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 04:51 | 7440-39-3 | |
| Cadmium | 0.17J | mg/kg | 0.53 | 0.028 | 1 | 06/04/10 10:25 | 06/07/10 04:51 | 7440-43-9 | |
| Chromium | 6.1 | mg/kg | 0.53 | 0.034 | 1 | 06/04/10 10:25 | 06/07/10 04:51 | 7440-47-3 | |
| Lead | 3.5 | mg/kg | 1.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:51 | 7439-92-1 | |
| Selenium | 0.17J | mg/kg | 2.1 | 0.17 | 1 | 06/04/10 10:25 | 06/07/10 04:51 | 7782-49-2 | |
| Silver | <0.047 | mg/kg | 1.1 | 0.047 | 1 | 06/04/10 10:25 | 06/07/10 04:51 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.010J | mg/kg | 0.011 | 0.0019 | 1 | 06/04/10 10:08 | 06/04/10 14:02 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | 509000 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 83-32-9 | |
| Acenaphthylene | <9730 | ug/kg | 90800 | 9730 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 208-96-8 | |
| Anthracene | 160000 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 120-12-7 | |
| Benzo(a)anthracene | 101000 | ug/kg | 90800 | 10200 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 56-55-3 | |
| Benzo(a)pyrene | 60100J | ug/kg | 90800 | 11000 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 50-32-8 | |
| Benzo(b)fluoranthene | 59800J | ug/kg | 90800 | 10700 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 205-99-2 | |
| Benzo(g,h,i)perylene | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 191-24-2 | |
| Benzo(k)fluoranthene | 63800J | ug/kg | 90800 | 14300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 207-08-9 | |
| Benzyl alcohol | <11300 | ug/kg | 181000 | 11300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <9610 | ug/kg | 90800 | 9610 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 101-55-3 | |
| Butylbenzylphthalate | <20400 | ug/kg | 90800 | 20400 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <9260 | ug/kg | 90800 | 9260 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 59-50-7 | |
| 4-Chloroaniline | <45300 | ug/kg | 181000 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <10900 | ug/kg | 90800 | 10900 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 111-44-4 | |
| 2-Chloronaphthalene | <9440 | ug/kg | 90800 | 9440 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 91-58-7 | |
| 2-Chlorophenol | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 7005-72-3 | |
| Chrysene | 103000 | ug/kg | 90800 | 13200 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 218-01-9 | |
| Dibenz(a,h)anthracene | <16600 | ug/kg | 90800 | 16600 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 53-70-3 | |
| Dibenzofuran | 376000 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <6570 | ug/kg | 90800 | 6570 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 91-94-1 | |
| 2,4-Dichlorophenol | <7740 | ug/kg | 90800 | 7740 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 120-83-2 | |
| Diethylphthalate | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 84-66-2 | |
| 2,4-Dimethylphenol | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 105-67-9 | |
| Dimethylphthalate | <9520 | ug/kg | 90800 | 9520 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 131-11-3 | |
| Di-n-butylphthalate | <15200 | ug/kg | 90800 | 15200 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 534-52-1 | |
| 2,4-Dinitrophenol | <66600 | ug/kg | 363000 | 66600 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 51-28-5 | |
| 2,4-Dinitrotoluene | <7120 | ug/kg | 90800 | 7120 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 121-14-2 | |
| 2,6-Dinitrotoluene | <10500 | ug/kg | 90800 | 10500 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 606-20-2 | |
| Di-n-octylphthalate | <9910 | ug/kg | 90800 | 9910 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-18 10-12 Lab ID: 4032676010 Collected: 06/01/10 14:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--|-------|-----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| | | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | |
| bis(2-Ethylhexyl)phthalate | <18600 | ug/kg | 90800 | 18600 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 117-81-7 | |
| Fluoranthene | 476000 | ug/kg | 90800 | 16000 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 206-44-0 | |
| Fluorene | 448000 | ug/kg | 90800 | 4560 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <11700 | ug/kg | 90800 | 11700 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 87-68-3 | |
| Hexachlorobenzene | <5330 | ug/kg | 90800 | 5330 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 118-74-1 | |
| Hexachlorocyclopentadiene | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 77-47-4 | |
| Hexachloroethane | <11500 | ug/kg | 90800 | 11500 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 23900J | ug/kg | 90800 | 12200 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 193-39-5 | |
| Isophorone | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 78-59-1 | |
| 2-Methylnaphthalene | 209000 | ug/kg | 90800 | 10000 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <9450 | ug/kg | 90800 | 9450 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | | |
| Naphthalene | 423000 | ug/kg | 90800 | 10600 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 91-20-3 | |
| 2-Nitroaniline | <6570 | ug/kg | 90800 | 6570 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 88-74-4 | L2 |
| 3-Nitroaniline | <7180 | ug/kg | 90800 | 7180 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 99-09-2 | |
| 4-Nitroaniline | <45300 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 100-01-6 | |
| Nitrobenzene | <10400 | ug/kg | 90800 | 10400 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 98-95-3 | |
| 2-Nitrophenol | <10800 | ug/kg | 90800 | 10800 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 88-75-5 | |
| 4-Nitrophenol | <17900 | ug/kg | 90800 | 17900 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <10800 | ug/kg | 90800 | 10800 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 621-64-7 | |
| N-Nitrosodiphenylamine | <12500 | ug/kg | 90800 | 12500 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 86-30-6 | |
| Pentachlorophenol | <45300 | ug/kg | 179000 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 87-86-5 | |
| Phenanthrene | 1100000 | ug/kg | 90800 | 45300 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 85-01-8 | |
| Phenol | <10800 | ug/kg | 90800 | 10800 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 108-95-2 | |
| Pyrene | 324000 | ug/kg | 90800 | 22100 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <28400 | ug/kg | 90800 | 28400 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <5970 | ug/kg | 90800 | 5970 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <10000 | ug/kg | 90800 | 10000 | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 500 | 06/04/10 11:28 | 06/08/10 07:40 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|----|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 79-00-5 | W |
| 1,1-Dichloroethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-34-3 | W |
| 1,1-Dichloroethene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-35-4 | W |
| 1,1-Dichloropropene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 64 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-18 10-12 Lab ID: 4032676010 Collected: 06/01/10 14:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 10900 | ug/kg | 5380 | 2240 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <6790 | ug/kg | 20600 | 6790 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <3660 | ug/kg | 4950 | 3660 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 95-50-1 | W |
| 1,2-Dichloroethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 107-06-2 | W |
| 1,2-Dichloropropane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 8650 | ug/kg | 5380 | 2240 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 108-67-8 | |
| 1,3-Dichlorobenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 541-73-1 | W |
| 1,3-Dichloropropane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 106-46-7 | W |
| 2,2-Dichloropropane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 594-20-7 | W |
| 2-Chlorotoluene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 95-49-8 | W |
| 4-Chlorotoluene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 106-43-4 | W |
| Benzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 71-43-2 | W |
| Bromobenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 108-86-1 | W |
| Bromochloromethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 74-97-5 | W |
| Bromodichloromethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-27-4 | W |
| Bromoform | <2140 | ug/kg | 4950 | 2140 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-25-2 | W |
| Bromomethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 74-83-9 | W |
| Carbon tetrachloride | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 56-23-5 | W |
| Chlorobenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 108-90-7 | W |
| Chloroethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-00-3 | W |
| Chloroform | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 67-66-3 | W |
| Chloromethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 74-87-3 | W |
| Dibromochloromethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 124-48-1 | W |
| Dibromomethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 74-95-3 | W |
| Dichlorodifluoromethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-71-8 | W |
| Diisopropyl ether | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 108-20-3 | W |
| Ethylbenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <2180 | ug/kg | 4950 | 2180 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 98-82-8 | W |
| Methyl-tert-butyl ether | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 1634-04-4 | W |
| Methylene Chloride | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-09-2 | W |
| Naphthalene | 557000 | ug/kg | 5380 | 2240 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 91-20-3 | |
| Styrene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 100-42-5 | W |
| Tetrachloroethene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 127-18-4 | W |
| Toluene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 108-88-3 | W |
| Trichloroethene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 79-01-6 | W |
| Trichlorofluoromethane | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-69-4 | W |
| Vinyl chloride | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 10061-01-5 | W |
| m&p-Xylene | <4120 | ug/kg | 9900 | 4120 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 179601-23-1 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 65 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-18 10-12 **Lab ID: 4032676010** Collected: 06/01/10 14:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <3330 | ug/kg | 4950 | 3330 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 104-51-8 | W |
| n-Propylbenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 103-65-1 | W |
| o-Xylene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 95-47-6 | W |
| p-Isopropyltoluene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 99-87-6 | W |
| sec-Butylbenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 135-98-8 | W |
| tert-Butylbenzene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <2060 | ug/kg | 4950 | 2060 | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 80 | 06/04/10 10:04 | 06/04/10 16:48 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 8.1 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.14 | mg/kg | 0.26 | 0.14 | 1 | 06/15/10 10:21 | 06/15/10 17:53 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-20 10-12 **Lab ID: 4032676011** Collected: 06/01/10 13:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 3.6 | mg/kg | 2.2 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:55 | 7440-38-2 | |
| Barium | 38.3 | mg/kg | 0.54 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 04:55 | 7440-39-3 | |
| Cadmium | 0.22J | mg/kg | 0.54 | 0.028 | 1 | 06/04/10 10:25 | 06/07/10 04:55 | 7440-43-9 | |
| Chromium | 14.6 | mg/kg | 0.54 | 0.034 | 1 | 06/04/10 10:25 | 06/07/10 04:55 | 7440-47-3 | |
| Lead | 6.1 | mg/kg | 1.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:55 | 7439-92-1 | |
| Selenium | 0.38J | mg/kg | 2.2 | 0.17 | 1 | 06/04/10 10:25 | 06/07/10 04:55 | 7782-49-2 | |
| Silver | 0.098J | mg/kg | 1.1 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 04:55 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.045 | mg/kg | 0.012 | 0.0021 | 1 | 06/04/10 10:08 | 06/04/10 14:03 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 83-32-9 | |
| Acenaphthylene | <41.9 | ug/kg | 391 | 41.9 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 208-96-8 | |
| Anthracene | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 120-12-7 | |
| Benzo(a)anthracene | 129J | ug/kg | 391 | 44.0 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 56-55-3 | |
| Benzo(a)pyrene | 69.2J | ug/kg | 391 | 47.4 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 50-32-8 | |
| Benzo(b)fluoranthene | 60.7J | ug/kg | 391 | 46.1 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 205-99-2 | |
| Benzo(g,h,i)perylene | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 191-24-2 | |
| Benzo(k)fluoranthene | 70.2J | ug/kg | 391 | 61.6 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 207-08-9 | |
| Benzyl alcohol | <48.7 | ug/kg | 780 | 48.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <41.4 | ug/kg | 391 | 41.4 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 101-55-3 | |
| Butylbenzylphthalate | <88.0 | ug/kg | 391 | 88.0 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <39.9 | ug/kg | 391 | 39.9 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 59-50-7 | |
| 4-Chloroaniline | <195 | ug/kg | 780 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <47.1 | ug/kg | 391 | 47.1 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 111-44-4 | |
| 2-Chloronaphthalene | <40.7 | ug/kg | 391 | 40.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 91-58-7 | |
| 2-Chlorophenol | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 7005-72-3 | |
| Chrysene | 93.5J | ug/kg | 391 | 57.0 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 218-01-9 | |
| Dibenz(a,h)anthracene | <71.5 | ug/kg | 391 | 71.5 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 53-70-3 | |
| Dibenzofuran | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <28.3 | ug/kg | 391 | 28.3 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 91-94-1 | |
| 2,4-Dichlorophenol | <33.4 | ug/kg | 391 | 33.4 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 120-83-2 | |
| Diethylphthalate | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 84-66-2 | |
| 2,4-Dimethylphenol | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 105-67-9 | |
| Dimethylphthalate | <41.0 | ug/kg | 391 | 41.0 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 131-11-3 | |
| Di-n-butylphthalate | <65.4 | ug/kg | 391 | 65.4 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 534-52-1 | |
| 2,4-Dinitrophenol | <287 | ug/kg | 1560 | 287 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 51-28-5 | |
| 2,4-Dinitrotoluene | <30.7 | ug/kg | 391 | 30.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 121-14-2 | |
| 2,6-Dinitrotoluene | <45.1 | ug/kg | 391 | 45.1 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 606-20-2 | |
| Di-n-octylphthalate | <42.7 | ug/kg | 391 | 42.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-20 10-12 Lab ID: 4032676011 Collected: 06/01/10 13:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-----|--------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <80.0 | ug/kg | 391 | 80.0 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 117-81-7 | |
| Fluoranthene | 506 | ug/kg | 391 | 69.1 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 206-44-0 | |
| Fluorene | 234J | ug/kg | 391 | 19.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <50.3 | ug/kg | 391 | 50.3 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 87-68-3 | |
| Hexachlorobenzene | <23.0 | ug/kg | 391 | 23.0 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 118-74-1 | |
| Hexachlorocyclopentadiene | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 77-47-4 | |
| Hexachloroethane | <49.4 | ug/kg | 391 | 49.4 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <52.4 | ug/kg | 391 | 52.4 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 193-39-5 | |
| Isophorone | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 78-59-1 | |
| 2-Methylnaphthalene | 160J | ug/kg | 391 | 43.1 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <40.7 | ug/kg | 391 | 40.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | | |
| Naphthalene | 2880 | ug/kg | 391 | 45.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 91-20-3 | |
| 2-Nitroaniline | <28.3 | ug/kg | 391 | 28.3 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 88-74-4 | L2 |
| 3-Nitroaniline | <31.0 | ug/kg | 391 | 31.0 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 99-09-2 | |
| 4-Nitroaniline | <195 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 100-01-6 | |
| Nitrobenzene | <44.9 | ug/kg | 391 | 44.9 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 98-95-3 | |
| 2-Nitrophenol | <46.7 | ug/kg | 391 | 46.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 88-75-5 | |
| 4-Nitrophenol | <77.1 | ug/kg | 391 | 77.1 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <46.3 | ug/kg | 391 | 46.3 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 621-64-7 | |
| N-Nitrosodiphenylamine | <53.7 | ug/kg | 391 | 53.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 86-30-6 | |
| Pentachlorophenol | <195 | ug/kg | 773 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 87-86-5 | |
| Phenanthrene | 827 | ug/kg | 391 | 195 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 85-01-8 | |
| Phenol | <46.4 | ug/kg | 391 | 46.4 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 108-95-2 | |
| Pyrene | 303J | ug/kg | 391 | 95.1 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <123 | ug/kg | 391 | 123 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <25.7 | ug/kg | 391 | 25.7 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <43.2 | ug/kg | 391 | 43.2 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 67 | %- | | 37-130 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 84 | %- | | 46-130 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 321-60-8 | |
| Terphenyl-d14 (S) | 72 | %- | | 27-135 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 1718-51-0 | |
| Phenol-d6 (S) | 62 | %- | | 30-130 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 13127-88-3 | |
| 2-Fluorophenol (S) | 63 | %- | | 28-130 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 70 | %- | | 23-130 | 2 | 06/04/10 11:28 | 06/08/10 02:52 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 68 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-20 10-12 Lab ID: 4032676011 Collected: 06/01/10 13:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-09-2 | W |
| Naphthalene | 245 | ug/kg | 70.3 | 29.3 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-20 10-12 **Lab ID: 4032676011** Collected: 06/01/10 13:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 88 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 1868-53-7 | |
| Toluene-d8 (S) | 103 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 90 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 14:30 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 14.7 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.24 | mg/kg | 0.44 | 0.24 | 1 | 06/15/10 10:21 | 06/15/10 17:57 | 57-12-5 | M0 |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-17 14-15 **Lab ID: 4032676012** Collected: 06/01/10 13:25 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 4.5 | mg/kg | 2.2 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 04:59 | 7440-38-2 | |
| Barium | 54.2 | mg/kg | 0.55 | 0.049 | 1 | 06/04/10 10:25 | 06/07/10 04:59 | 7440-39-3 | |
| Cadmium | 0.17J | mg/kg | 0.55 | 0.029 | 1 | 06/04/10 10:25 | 06/07/10 04:59 | 7440-43-9 | |
| Chromium | 20.5 | mg/kg | 0.55 | 0.035 | 1 | 06/04/10 10:25 | 06/07/10 04:59 | 7440-47-3 | |
| Lead | 6.5 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 04:59 | 7439-92-1 | |
| Selenium | 0.40J | mg/kg | 2.2 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 04:59 | 7782-49-2 | |
| Silver | 0.17J | mg/kg | 1.1 | 0.049 | 1 | 06/04/10 10:25 | 06/07/10 04:59 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.012 | mg/kg | 0.012 | 0.0021 | 1 | 06/04/10 10:08 | 06/04/10 14:04 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 83-32-9 | |
| Acenaphthylene | <20.8 | ug/kg | 194 | 20.8 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 208-96-8 | |
| Anthracene | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 120-12-7 | |
| Benzo(a)anthracene | <21.8 | ug/kg | 194 | 21.8 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 56-55-3 | |
| Benzo(a)pyrene | <23.5 | ug/kg | 194 | 23.5 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 50-32-8 | |
| Benzo(b)fluoranthene | <22.9 | ug/kg | 194 | 22.9 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 205-99-2 | |
| Benzo(g,h,i)perylene | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 191-24-2 | |
| Benzo(k)fluoranthene | <30.6 | ug/kg | 194 | 30.6 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 207-08-9 | |
| Benzyl alcohol | <24.2 | ug/kg | 388 | 24.2 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <20.6 | ug/kg | 194 | 20.6 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 101-55-3 | |
| Butylbenzylphthalate | <43.7 | ug/kg | 194 | 43.7 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <19.8 | ug/kg | 194 | 19.8 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 59-50-7 | |
| 4-Chloroaniline | <97.0 | ug/kg | 388 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <23.4 | ug/kg | 194 | 23.4 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 111-44-4 | |
| 2-Chloronaphthalene | <20.2 | ug/kg | 194 | 20.2 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 91-58-7 | |
| 2-Chlorophenol | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 7005-72-3 | |
| Chrysene | <28.3 | ug/kg | 194 | 28.3 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 218-01-9 | |
| Dibenz(a,h)anthracene | <35.5 | ug/kg | 194 | 35.5 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 53-70-3 | |
| Dibenzofuran | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.1 | ug/kg | 194 | 14.1 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 91-94-1 | |
| 2,4-Dichlorophenol | <16.6 | ug/kg | 194 | 16.6 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 120-83-2 | |
| Diethylphthalate | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 84-66-2 | |
| 2,4-Dimethylphenol | 103J | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 105-67-9 | |
| Dimethylphthalate | <20.4 | ug/kg | 194 | 20.4 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 131-11-3 | |
| Di-n-butylphthalate | <32.5 | ug/kg | 194 | 32.5 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 534-52-1 | |
| 2,4-Dinitrophenol | <143 | ug/kg | 776 | 143 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.2 | ug/kg | 194 | 15.2 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 121-14-2 | |
| 2,6-Dinitrotoluene | <22.4 | ug/kg | 194 | 22.4 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 606-20-2 | |
| Di-n-octylphthalate | <21.2 | ug/kg | 194 | 21.2 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-17 14-15 Lab ID: 4032676012 Collected: 06/01/10 13:25 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <39.7 | ug/kg | 194 | 39.7 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 117-81-7 | |
| Fluoranthene | 57.9J | ug/kg | 194 | 34.3 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 206-44-0 | |
| Fluorene | 28.9J | ug/kg | 194 | 9.8 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <25.0 | ug/kg | 194 | 25.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 87-68-3 | |
| Hexachlorobenzene | <11.4 | ug/kg | 194 | 11.4 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 118-74-1 | |
| Hexachlorocyclopentadiene | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 77-47-4 | |
| Hexachloroethane | <24.6 | ug/kg | 194 | 24.6 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <26.0 | ug/kg | 194 | 26.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 193-39-5 | |
| Isophorone | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 78-59-1 | |
| 2-Methylnaphthalene | 58.0J | ug/kg | 194 | 21.4 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <20.2 | ug/kg | 194 | 20.2 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | | |
| Naphthalene | 668 | ug/kg | 194 | 22.7 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 91-20-3 | |
| 2-Nitroaniline | <14.1 | ug/kg | 194 | 14.1 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 88-74-4 | L2 |
| 3-Nitroaniline | <15.4 | ug/kg | 194 | 15.4 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 99-09-2 | |
| 4-Nitroaniline | <97.0 | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 100-01-6 | |
| Nitrobenzene | <22.3 | ug/kg | 194 | 22.3 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 98-95-3 | |
| 2-Nitrophenol | <23.2 | ug/kg | 194 | 23.2 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 88-75-5 | |
| 4-Nitrophenol | <38.3 | ug/kg | 194 | 38.3 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <23.0 | ug/kg | 194 | 23.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 621-64-7 | |
| N-Nitrosodiphenylamine | <26.6 | ug/kg | 194 | 26.6 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 86-30-6 | |
| Pentachlorophenol | <97.0 | ug/kg | 384 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 87-86-5 | |
| Phenanthrene | 110J | ug/kg | 194 | 97.0 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 85-01-8 | |
| Phenol | <23.1 | ug/kg | 194 | 23.1 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 108-95-2 | |
| Pyrene | <47.2 | ug/kg | 194 | 47.2 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <60.8 | ug/kg | 194 | 60.8 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <12.8 | ug/kg | 194 | 12.8 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <21.4 | ug/kg | 194 | 21.4 | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 68 | %- | 37-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 82 | %- | 46-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 321-60-8 | |
| Terphenyl-d14 (S) | 65 | %- | 27-135 | | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 1718-51-0 | |
| Phenol-d6 (S) | 66 | %- | 30-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 13127-88-3 | |
| 2-Fluorophenol (S) | 68 | %- | 28-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 63 | %- | 23-130 | | 1 | 06/04/10 11:28 | 06/07/10 19:56 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 72 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-17 14-15 Lab ID: 4032676012 Collected: 06/01/10 13:25 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 105 | ug/kg | 69.8 | 29.1 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 106-43-4 | W |
| Benzene | 596 | ug/kg | 69.8 | 29.1 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 71-43-2 | |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-09-2 | W |
| Naphthalene | 1210 | ug/kg | 69.8 | 29.1 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-17 14-15 **Lab ID: 4032676012** Collected: 06/01/10 13:25 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 94 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 1868-53-7 | |
| Toluene-d8 (S) | 107 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 91 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 12:12 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 14.1 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.28 | mg/kg | 0.52 | 0.28 | 1 | 06/15/10 10:21 | 06/15/10 18:00 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-16 16-18 **Lab ID: 4032676013** Collected: 06/01/10 11:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|------|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 3.4 | mg/kg | 2.2 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 05:03 | 7440-38-2 | |
| Barium | 34.6 | mg/kg | 0.55 | 0.049 | 1 | 06/04/10 10:25 | 06/07/10 05:03 | 7440-39-3 | |
| Cadmium | 0.28J | mg/kg | 0.55 | 0.029 | 1 | 06/04/10 10:25 | 06/07/10 05:03 | 7440-43-9 | |
| Chromium | 21.8 | mg/kg | 0.55 | 0.035 | 1 | 06/04/10 10:25 | 06/07/10 05:03 | 7440-47-3 | |
| Lead | 8.1 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 05:03 | 7439-92-1 | |
| Selenium | 0.18J | mg/kg | 2.2 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 05:03 | 7782-49-2 | |
| Silver | 0.12J | mg/kg | 1.1 | 0.049 | 1 | 06/04/10 10:25 | 06/07/10 05:03 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.0096J | mg/kg | 0.012 | 0.0021 | 1 | 06/04/10 10:08 | 06/04/10 14:06 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | 31900 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 83-32-9 | |
| Acenaphthylene | <707 | ug/kg | 6600 | 707 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 208-96-8 | |
| Anthracene | 9550 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 120-12-7 | |
| Benzo(a)anthracene | 8540 | ug/kg | 6600 | 742 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 56-55-3 | |
| Benzo(a)pyrene | 4280J | ug/kg | 6600 | 799 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 50-32-8 | |
| Benzo(b)fluoranthene | 3400J | ug/kg | 6600 | 778 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 205-99-2 | |
| Benzo(g,h,i)perylene | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 191-24-2 | |
| Benzo(k)fluoranthene | 5520J | ug/kg | 6600 | 1040 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 207-08-9 | |
| Benzyl alcohol | <822 | ug/kg | 13200 | 822 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <698 | ug/kg | 6600 | 698 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 101-55-3 | |
| Butylbenzylphthalate | <1480 | ug/kg | 6600 | 1480 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <673 | ug/kg | 6600 | 673 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 59-50-7 | |
| 4-Chloroaniline | <3290 | ug/kg | 13200 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <795 | ug/kg | 6600 | 795 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 111-44-4 | |
| 2-Chloronaphthalene | <686 | ug/kg | 6600 | 686 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 91-58-7 | |
| 2-Chlorophenol | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 7005-72-3 | |
| Chrysene | 7590 | ug/kg | 6600 | 961 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1210 | ug/kg | 6600 | 1210 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 53-70-3 | |
| Dibenzofuran | 24600 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <478 | ug/kg | 6600 | 478 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 91-94-1 | |
| 2,4-Dichlorophenol | <563 | ug/kg | 6600 | 563 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 120-83-2 | |
| Diethylphthalate | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 84-66-2 | |
| 2,4-Dimethylphenol | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 105-67-9 | |
| Dimethylphthalate | <692 | ug/kg | 6600 | 692 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 131-11-3 | |
| Di-n-butylphthalate | <1100 | ug/kg | 6600 | 1100 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 534-52-1 | |
| 2,4-Dinitrophenol | <4840 | ug/kg | 26400 | 4840 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 51-28-5 | |
| 2,4-Dinitrotoluene | <518 | ug/kg | 6600 | 518 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 121-14-2 | |
| 2,6-Dinitrotoluene | <761 | ug/kg | 6600 | 761 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 606-20-2 | |
| Di-n-octylphthalate | <720 | ug/kg | 6600 | 720 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-16 16-18 Lab ID: 4032676013 Collected: 06/01/10 11:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|------|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <1350 | ug/kg | 6600 | 1350 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 117-81-7 | |
| Fluoranthene | 32600 | ug/kg | 6600 | 1170 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 206-44-0 | |
| Fluorene | 27600 | ug/kg | 6600 | 331 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <848 | ug/kg | 6600 | 848 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 87-68-3 | |
| Hexachlorobenzene | <387 | ug/kg | 6600 | 387 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 118-74-1 | |
| Hexachlorocyclopentadiene | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 77-47-4 | |
| Hexachloroethane | <834 | ug/kg | 6600 | 834 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 1880J | ug/kg | 6600 | 884 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 193-39-5 | |
| Isophorone | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 78-59-1 | |
| 2-Methylnaphthalene | 31000 | ug/kg | 6600 | 727 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <687 | ug/kg | 6600 | 687 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | | |
| Naphthalene | 84500 | ug/kg | 6600 | 771 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 91-20-3 | |
| 2-Nitroaniline | <477 | ug/kg | 6600 | 477 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 88-74-4 | L2 |
| 3-Nitroaniline | <522 | ug/kg | 6600 | 522 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 99-09-2 | |
| 4-Nitroaniline | <3290 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 100-01-6 | |
| Nitrobenzene | <757 | ug/kg | 6600 | 757 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 98-95-3 | |
| 2-Nitrophenol | <788 | ug/kg | 6600 | 788 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 88-75-5 | |
| 4-Nitrophenol | <1300 | ug/kg | 6600 | 1300 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <781 | ug/kg | 6600 | 781 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 621-64-7 | |
| N-Nitrosodiphenylamine | <905 | ug/kg | 6600 | 905 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 86-30-6 | |
| Pentachlorophenol | <3290 | ug/kg | 13000 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 87-86-5 | |
| Phenanthrene | 69800 | ug/kg | 6600 | 3290 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 85-01-8 | |
| Phenol | <783 | ug/kg | 6600 | 783 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 108-95-2 | |
| Pyrene | 19300 | ug/kg | 6600 | 1600 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <2070 | ug/kg | 6600 | 2070 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <434 | ug/kg | 6600 | 434 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <728 | ug/kg | 6600 | 728 | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 33.3 | 06/04/10 11:28 | 06/08/10 04:28 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|------|-------|------|-----|----|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 79-00-5 | W |
| 1,1-Dichloroethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-34-3 | W |
| 1,1-Dichloroethene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-35-4 | W |
| 1,1-Dichloropropene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 87-61-6 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032676

Sample: B-16 16-18 Lab ID: 4032676013 Collected: 06/01/10 11:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 3540 | ug/kg | 1780 | 742 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <2060 | ug/kg | 6250 | 2060 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <1110 | ug/kg | 1500 | 1110 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 95-50-1 | W |
| 1,2-Dichloroethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 107-06-2 | W |
| 1,2-Dichloropropane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 2900 | ug/kg | 1780 | 742 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 108-67-8 | |
| 1,3-Dichlorobenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 541-73-1 | W |
| 1,3-Dichloropropane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 106-46-7 | W |
| 2,2-Dichloropropane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 594-20-7 | W |
| 2-Chlorotoluene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 95-49-8 | W |
| 4-Chlorotoluene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 106-43-4 | W |
| Benzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 71-43-2 | W |
| Bromobenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 108-86-1 | W |
| Bromochloromethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 74-97-5 | W |
| Bromodichloromethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-27-4 | W |
| Bromoform | <647 | ug/kg | 1500 | 647 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-25-2 | W |
| Bromomethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 74-83-9 | W |
| Carbon tetrachloride | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 56-23-5 | W |
| Chlorobenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 108-90-7 | W |
| Chloroethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-00-3 | W |
| Chloroform | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 67-66-3 | W |
| Chloromethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 74-87-3 | W |
| Dibromochloromethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 124-48-1 | W |
| Dibromomethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 74-95-3 | W |
| Dichlorodifluoromethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-71-8 | W |
| Diisopropyl ether | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 108-20-3 | W |
| Ethylbenzene | 1290J | ug/kg | 1780 | 742 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <660 | ug/kg | 1500 | 660 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 98-82-8 | W |
| Methyl-tert-butyl ether | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 1634-04-4 | W |
| Methylene Chloride | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-09-2 | W |
| Naphthalene | 176000 | ug/kg | 1780 | 742 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 91-20-3 | |
| Styrene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 100-42-5 | W |
| Tetrachloroethene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 127-18-4 | W |
| Toluene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 108-88-3 | W |
| Trichloroethene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 79-01-6 | W |
| Trichlorofluoromethane | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-69-4 | W |
| Vinyl chloride | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 10061-01-5 | W |
| m&p-Xylene | <1250 | ug/kg | 3000 | 1250 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-16 16-18 **Lab ID: 4032676013** Collected: 06/01/10 11:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <1010 | ug/kg | 1500 | 1010 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 104-51-8 | W |
| n-Propylbenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 103-65-1 | W |
| o-Xylene | 1330J | ug/kg | 1780 | 742 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 95-47-6 | |
| p-Isopropyltoluene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 99-87-6 | W |
| sec-Butylbenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 135-98-8 | W |
| tert-Butylbenzene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <625 | ug/kg | 1500 | 625 | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 25 | 06/04/10 10:04 | 06/04/10 16:02 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 15.7 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:09 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.34 | mg/kg | 0.62 | 0.34 | 1 | 06/15/10 10:21 | 06/15/10 18:01 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-6 2.5-5 **Lab ID: 4032676014** Collected: 06/02/10 15:10 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 5.6 | mg/kg | 2.2 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 05:07 | 7440-38-2 | |
| Barium | 66.6 | mg/kg | 0.54 | 0.049 | 1 | 06/04/10 10:25 | 06/07/10 05:07 | 7440-39-3 | |
| Cadmium | 0.30J | mg/kg | 0.54 | 0.028 | 1 | 06/04/10 10:25 | 06/07/10 05:07 | 7440-43-9 | |
| Chromium | 24.6 | mg/kg | 0.54 | 0.035 | 1 | 06/04/10 10:25 | 06/07/10 05:07 | 7440-47-3 | |
| Lead | 10.6 | mg/kg | 1.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 05:07 | 7439-92-1 | |
| Selenium | 0.43J | mg/kg | 2.2 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 05:07 | 7782-49-2 | |
| Silver | 0.14J | mg/kg | 1.1 | 0.049 | 1 | 06/04/10 10:25 | 06/07/10 05:07 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.034 | mg/kg | 0.012 | 0.0021 | 1 | 06/04/10 10:08 | 06/04/10 14:07 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | 604J | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 83-32-9 | |
| Acenaphthylene | <106 | ug/kg | 991 | 106 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 208-96-8 | |
| Anthracene | 1590 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 120-12-7 | |
| Benzo(a)anthracene | 7220 | ug/kg | 991 | 111 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 56-55-3 | |
| Benzo(a)pyrene | 9910 | ug/kg | 991 | 120 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 50-32-8 | |
| Benzo(b)fluoranthene | 9220 | ug/kg | 991 | 117 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 205-99-2 | |
| Benzo(g,h,i)perylene | 7470 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 191-24-2 | |
| Benzo(k)fluoranthene | 9300 | ug/kg | 991 | 156 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 207-08-9 | |
| Benzyl alcohol | <123 | ug/kg | 1980 | 123 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <105 | ug/kg | 991 | 105 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 101-55-3 | |
| Butylbenzylphthalate | <223 | ug/kg | 991 | 223 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <101 | ug/kg | 991 | 101 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 59-50-7 | |
| 4-Chloroaniline | <495 | ug/kg | 1980 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <119 | ug/kg | 991 | 119 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 111-44-4 | |
| 2-Chloronaphthalene | <103 | ug/kg | 991 | 103 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 91-58-7 | |
| 2-Chlorophenol | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 7005-72-3 | |
| Chrysene | 9100 | ug/kg | 991 | 144 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 218-01-9 | |
| Dibenz(a,h)anthracene | 1730 | ug/kg | 991 | 181 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 53-70-3 | |
| Dibenzofuran | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <71.7 | ug/kg | 991 | 71.7 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 91-94-1 | |
| 2,4-Dichlorophenol | <84.5 | ug/kg | 991 | 84.5 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 120-83-2 | |
| Diethylphthalate | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 84-66-2 | |
| 2,4-Dimethylphenol | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 105-67-9 | |
| Dimethylphthalate | <104 | ug/kg | 991 | 104 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 131-11-3 | |
| Di-n-butylphthalate | <166 | ug/kg | 991 | 166 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 534-52-1 | |
| 2,4-Dinitrophenol | <727 | ug/kg | 3960 | 727 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 51-28-5 | |
| 2,4-Dinitrotoluene | <77.7 | ug/kg | 991 | 77.7 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 121-14-2 | |
| 2,6-Dinitrotoluene | <114 | ug/kg | 991 | 114 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 606-20-2 | |
| Di-n-octylphthalate | <108 | ug/kg | 991 | 108 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-6 2.5-5 Lab ID: 4032676014 Collected: 06/02/10 15:10 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|--------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <203 | ug/kg | 991 | 203 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 117-81-7 | |
| Fluoranthene | 7900 | ug/kg | 991 | 175 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 206-44-0 | |
| Fluorene | 725J | ug/kg | 991 | 49.8 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <127 | ug/kg | 991 | 127 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 87-68-3 | |
| Hexachlorobenzene | <58.2 | ug/kg | 991 | 58.2 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 118-74-1 | |
| Hexachlorocyclopentadiene | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 77-47-4 | |
| Hexachloroethane | <125 | ug/kg | 991 | 125 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 6990 | ug/kg | 991 | 133 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 193-39-5 | |
| Isophorone | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 78-59-1 | |
| 2-Methylnaphthalene | 237J | ug/kg | 991 | 109 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <103 | ug/kg | 991 | 103 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | | |
| Naphthalene | 2760 | ug/kg | 991 | 116 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 91-20-3 | |
| 2-Nitroaniline | <71.7 | ug/kg | 991 | 71.7 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 88-74-4 | L2 |
| 3-Nitroaniline | <78.4 | ug/kg | 991 | 78.4 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 99-09-2 | |
| 4-Nitroaniline | <495 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 100-01-6 | |
| Nitrobenzene | <114 | ug/kg | 991 | 114 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 98-95-3 | |
| 2-Nitrophenol | <118 | ug/kg | 991 | 118 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 88-75-5 | |
| 4-Nitrophenol | <195 | ug/kg | 991 | 195 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <117 | ug/kg | 991 | 117 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 621-64-7 | |
| N-Nitrosodiphenylamine | <136 | ug/kg | 991 | 136 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 86-30-6 | |
| Pentachlorophenol | <495 | ug/kg | 1960 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 87-86-5 | |
| Phenanthrene | 4420 | ug/kg | 991 | 495 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 85-01-8 | |
| Phenol | <118 | ug/kg | 991 | 118 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 108-95-2 | |
| Pyrene | 10700 | ug/kg | 991 | 241 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <310 | ug/kg | 991 | 310 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <65.1 | ug/kg | 991 | 65.1 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <109 | ug/kg | 991 | 109 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 57 | %- | | 37-130 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 87 | %- | | 46-130 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 321-60-8 | |
| Terphenyl-d14 (S) | 104 | %- | | 27-135 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 1718-51-0 | |
| Phenol-d6 (S) | 43 | %- | | 30-130 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 13127-88-3 | |
| 2-Fluorophenol (S) | 48 | %- | | 28-130 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 55 | %- | | 23-130 | 5 | 06/04/10 11:28 | 06/08/10 17:53 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 80 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-6 2.5-5 Lab ID: 4032676014 Collected: 06/02/10 15:10 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 116 | ug/kg | 71.2 | 29.7 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-09-2 | W |
| Naphthalene | 4390 | ug/kg | 71.2 | 29.7 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-6 2.5-5 **Lab ID: 4032676014** Collected: 06/02/10 15:10 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 90 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 1868-53-7 | |
| Toluene-d8 (S) | 105 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 92 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 12:35 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 15.7 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:10 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.26 | mg/kg | 0.47 | 0.26 | 1 | 06/15/10 10:21 | 06/15/10 18:01 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-6 7.5-10 **Lab ID: 4032676015** Collected: 06/02/10 15:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 9.1 | mg/kg | 2.5 | 0.12 | 1 | 06/04/10 10:25 | 06/07/10 05:11 | 7440-38-2 | |
| Barium | 74.7 | mg/kg | 0.61 | 0.055 | 1 | 06/04/10 10:25 | 06/07/10 05:11 | 7440-39-3 | |
| Cadmium | 0.21J | mg/kg | 0.61 | 0.032 | 1 | 06/04/10 10:25 | 06/07/10 05:11 | 7440-43-9 | |
| Chromium | 30.7 | mg/kg | 0.61 | 0.039 | 1 | 06/04/10 10:25 | 06/07/10 05:11 | 7440-47-3 | |
| Lead | 11.5 | mg/kg | 1.2 | 0.12 | 1 | 06/04/10 10:25 | 06/07/10 05:11 | 7439-92-1 | |
| Selenium | <0.20 | mg/kg | 2.5 | 0.20 | 1 | 06/04/10 10:25 | 06/07/10 05:11 | 7782-49-2 | |
| Silver | 0.17J | mg/kg | 1.2 | 0.055 | 1 | 06/04/10 10:25 | 06/07/10 05:11 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.021 | mg/kg | 0.013 | 0.0022 | 1 | 06/04/10 10:08 | 06/04/10 14:08 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 83-32-9 | |
| Acenaphthylene | <22.6 | ug/kg | 211 | 22.6 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 208-96-8 | |
| Anthracene | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 120-12-7 | |
| Benzo(a)anthracene | 237 | ug/kg | 211 | 23.7 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 56-55-3 | |
| Benzo(a)pyrene | 292 | ug/kg | 211 | 25.5 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 50-32-8 | |
| Benzo(b)fluoranthene | 320 | ug/kg | 211 | 24.9 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 205-99-2 | |
| Benzo(g,h,i)perylene | 191J | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 191-24-2 | |
| Benzo(k)fluoranthene | 277 | ug/kg | 211 | 33.2 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 207-08-9 | |
| Benzyl alcohol | <26.3 | ug/kg | 421 | 26.3 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <22.3 | ug/kg | 211 | 22.3 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 101-55-3 | |
| Butylbenzylphthalate | <47.4 | ug/kg | 211 | 47.4 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <21.5 | ug/kg | 211 | 21.5 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 59-50-7 | |
| 4-Chloroaniline | <105 | ug/kg | 421 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <25.4 | ug/kg | 211 | 25.4 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 111-44-4 | |
| 2-Chloronaphthalene | <21.9 | ug/kg | 211 | 21.9 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 91-58-7 | |
| 2-Chlorophenol | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 7005-72-3 | |
| Chrysene | 303 | ug/kg | 211 | 30.7 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 218-01-9 | |
| Dibenz(a,h)anthracene | 47.9J | ug/kg | 211 | 38.6 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 53-70-3 | |
| Dibenzofuran | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <15.3 | ug/kg | 211 | 15.3 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 91-94-1 | |
| 2,4-Dichlorophenol | <18.0 | ug/kg | 211 | 18.0 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 120-83-2 | |
| Diethylphthalate | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 84-66-2 | |
| 2,4-Dimethylphenol | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 105-67-9 | |
| Dimethylphthalate | <22.1 | ug/kg | 211 | 22.1 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 131-11-3 | |
| Di-n-butylphthalate | <35.2 | ug/kg | 211 | 35.2 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 534-52-1 | |
| 2,4-Dinitrophenol | <155 | ug/kg | 842 | 155 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 51-28-5 | |
| 2,4-Dinitrotoluene | <16.5 | ug/kg | 211 | 16.5 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 121-14-2 | |
| 2,6-Dinitrotoluene | <24.3 | ug/kg | 211 | 24.3 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 606-20-2 | |
| Di-n-octylphthalate | <23.0 | ug/kg | 211 | 23.0 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 117-84-0 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 83 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-6 7.5-10 Lab ID: 4032676015 Collected: 06/02/10 15:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <43.1 | ug/kg | 211 | 43.1 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 117-81-7 | |
| Fluoranthene | 287 | ug/kg | 211 | 37.3 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 206-44-0 | |
| Fluorene | <10.6 | ug/kg | 211 | 10.6 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <27.1 | ug/kg | 211 | 27.1 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 87-68-3 | |
| Hexachlorobenzene | <12.4 | ug/kg | 211 | 12.4 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 118-74-1 | |
| Hexachlorocyclopentadiene | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 77-47-4 | |
| Hexachloroethane | <26.6 | ug/kg | 211 | 26.6 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 153J | ug/kg | 211 | 28.2 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 193-39-5 | |
| Isophorone | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 78-59-1 | |
| 2-Methylnaphthalene | <23.2 | ug/kg | 211 | 23.2 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <21.9 | ug/kg | 211 | 21.9 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | | |
| Naphthalene | 83.3J | ug/kg | 211 | 24.6 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 91-20-3 | |
| 2-Nitroaniline | <15.3 | ug/kg | 211 | 15.3 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 88-74-4 | L2 |
| 3-Nitroaniline | <16.7 | ug/kg | 211 | 16.7 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 99-09-2 | |
| 4-Nitroaniline | <105 | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 100-01-6 | |
| Nitrobenzene | <24.2 | ug/kg | 211 | 24.2 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 98-95-3 | |
| 2-Nitrophenol | <25.2 | ug/kg | 211 | 25.2 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 88-75-5 | |
| 4-Nitrophenol | <41.5 | ug/kg | 211 | 41.5 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <25.0 | ug/kg | 211 | 25.0 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 621-64-7 | |
| N-Nitrosodiphenylamine | <28.9 | ug/kg | 211 | 28.9 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 86-30-6 | |
| Pentachlorophenol | <105 | ug/kg | 417 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 87-86-5 | |
| Phenanthrene | 163J | ug/kg | 211 | 105 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 85-01-8 | |
| Phenol | <25.0 | ug/kg | 211 | 25.0 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 108-95-2 | |
| Pyrene | 286 | ug/kg | 211 | 51.3 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <66.0 | ug/kg | 211 | 66.0 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.9 | ug/kg | 211 | 13.9 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <23.3 | ug/kg | 211 | 23.3 | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 73 | %- | 37-130 | | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 87 | %- | 46-130 | | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 321-60-8 | |
| Terphenyl-d14 (S) | 75 | %- | 27-135 | | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 1718-51-0 | |
| Phenol-d6 (S) | 67 | %- | 30-130 | | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 13127-88-3 | |
| 2-Fluorophenol (S) | 70 | %- | 28-130 | | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 80 | %- | 23-130 | | 1 | 06/04/10 11:28 | 06/08/10 05:32 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 84 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-6 7.5-10 Lab ID: 4032676015 Collected: 06/02/10 15:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-09-2 | W |
| Naphthalene | 181 | ug/kg | 75.8 | 31.6 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-6 7.5-10 **Lab ID: 4032676015** Collected: 06/02/10 15:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 90 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 1868-53-7 | |
| Toluene-d8 (S) | 106 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 92 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 12:58 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 20.8 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:10 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.26 | mg/kg | 0.47 | 0.26 | 1 | 06/15/10 10:21 | 06/15/10 18:04 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-14 2.5-5 Lab ID: 4032676016 Collected: 06/02/10 14:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 4.0 | mg/kg | 2.4 | 0.12 | 1 | 06/04/10 10:25 | 06/07/10 05:16 | 7440-38-2 | |
| Barium | 85.2 | mg/kg | 0.61 | 0.054 | 1 | 06/04/10 10:25 | 06/07/10 05:16 | 7440-39-3 | |
| Cadmium | 0.33J | mg/kg | 0.61 | 0.032 | 1 | 06/04/10 10:25 | 06/07/10 05:16 | 7440-43-9 | |
| Chromium | 31.0 | mg/kg | 0.61 | 0.039 | 1 | 06/04/10 10:25 | 06/07/10 05:16 | 7440-47-3 | |
| Lead | 14.1 | mg/kg | 1.2 | 0.12 | 1 | 06/04/10 10:25 | 06/07/10 05:16 | 7439-92-1 | |
| Selenium | 0.54J | mg/kg | 2.4 | 0.20 | 1 | 06/04/10 10:25 | 06/07/10 05:16 | 7782-49-2 | |
| Silver | 0.25J | mg/kg | 1.2 | 0.054 | 1 | 06/04/10 10:25 | 06/07/10 05:16 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.048 | mg/kg | 0.013 | 0.0022 | 1 | 06/04/10 10:08 | 06/04/10 14:12 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 83-32-9 | |
| Acenaphthylene | <4500 | ug/kg | 42100 | 4500 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 208-96-8 | |
| Anthracene | 61900 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 120-12-7 | |
| Benzo(a)anthracene | 129000 | ug/kg | 42100 | 4730 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 56-55-3 | |
| Benzo(a)pyrene | 89100 | ug/kg | 42100 | 5090 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 50-32-8 | |
| Benzo(b)fluoranthene | 70600 | ug/kg | 42100 | 4960 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 205-99-2 | |
| Benzo(g,h,i)perylene | 41100J | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 191-24-2 | |
| Benzo(k)fluoranthene | 102000 | ug/kg | 42100 | 6620 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 207-08-9 | |
| Benzyl alcohol | <5230 | ug/kg | 83800 | 5230 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <4450 | ug/kg | 42100 | 4450 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 101-55-3 | |
| Butylbenzylphthalate | <9450 | ug/kg | 42100 | 9450 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <4290 | ug/kg | 42100 | 4290 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 59-50-7 | L2 |
| 4-Chloroaniline | <21000 | ug/kg | 83800 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <5070 | ug/kg | 42100 | 5070 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 111-44-4 | |
| 2-Chloronaphthalene | <4370 | ug/kg | 42100 | 4370 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 91-58-7 | |
| 2-Chlorophenol | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 7005-72-3 | |
| Chrysene | 108000 | ug/kg | 42100 | 6120 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 218-01-9 | |
| Dibenz(a,h)anthracene | 11600J | ug/kg | 42100 | 7690 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 53-70-3 | |
| Dibenzofuran | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <3040 | ug/kg | 42100 | 3040 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 91-94-1 | |
| 2,4-Dichlorophenol | <3590 | ug/kg | 42100 | 3590 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 120-83-2 | |
| Diethylphthalate | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 84-66-2 | |
| 2,4-Dimethylphenol | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 105-67-9 | |
| Dimethylphthalate | <4410 | ug/kg | 42100 | 4410 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 131-11-3 | |
| Di-n-butylphthalate | <7030 | ug/kg | 42100 | 7030 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 534-52-1 | |
| 2,4-Dinitrophenol | <30800 | ug/kg | 168000 | 30800 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 51-28-5 | |
| 2,4-Dinitrotoluene | <3300 | ug/kg | 42100 | 3300 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 121-14-2 | |
| 2,6-Dinitrotoluene | <4850 | ug/kg | 42100 | 4850 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 606-20-2 | |
| Di-n-octylphthalate | <4590 | ug/kg | 42100 | 4590 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-14 2.5-5 Lab ID: 4032676016 Collected: 06/02/10 14:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|-----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <8590 | ug/kg | 42100 | 8590 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 117-81-7 | |
| Fluoranthene | 270000 | ug/kg | 42100 | 7430 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 206-44-0 | |
| Fluorene | 30400J | ug/kg | 42100 | 2110 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <5400 | ug/kg | 42100 | 5400 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 87-68-3 | |
| Hexachlorobenzene | <2470 | ug/kg | 42100 | 2470 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 118-74-1 | |
| Hexachlorocyclopentadiene | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 77-47-4 | |
| Hexachloroethane | <5310 | ug/kg | 42100 | 5310 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 48000 | ug/kg | 42100 | 5630 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 193-39-5 | |
| Isophorone | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 78-59-1 | |
| 2-Methylnaphthalene | <4630 | ug/kg | 42100 | 4630 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <4380 | ug/kg | 42100 | 4380 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | | |
| Naphthalene | <4910 | ug/kg | 42100 | 4910 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 91-20-3 | |
| 2-Nitroaniline | <3040 | ug/kg | 42100 | 3040 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 88-74-4 | |
| 3-Nitroaniline | <3330 | ug/kg | 42100 | 3330 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 99-09-2 | |
| 4-Nitroaniline | <21000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 100-01-6 | |
| Nitrobenzene | <4820 | ug/kg | 42100 | 4820 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 98-95-3 | |
| 2-Nitrophenol | <5020 | ug/kg | 42100 | 5020 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 88-75-5 | |
| 4-Nitrophenol | <8280 | ug/kg | 42100 | 8280 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <4980 | ug/kg | 42100 | 4980 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 621-64-7 | |
| N-Nitrosodiphenylamine | <5770 | ug/kg | 42100 | 5770 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 86-30-6 | |
| Pentachlorophenol | <21000 | ug/kg | 83100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 87-86-5 | L2 |
| Phenanthrene | 199000 | ug/kg | 42100 | 21000 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 85-01-8 | |
| Phenol | <4990 | ug/kg | 42100 | 4990 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 108-95-2 | |
| Pyrene | 260000 | ug/kg | 42100 | 10200 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <13200 | ug/kg | 42100 | 13200 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <2760 | ug/kg | 42100 | 2760 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <4640 | ug/kg | 42100 | 4640 | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 200 | 06/10/10 09:48 | 06/11/10 10:24 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|-----------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 71-55-6 | W |
| 1,1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 88 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-14 2.5-5 Lab ID: 4032676016 Collected: 06/02/10 14:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-09-2 | W |
| Naphthalene | 173 | ug/kg | 75.5 | 31.5 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-14 2.5-5 **Lab ID: 4032676016** Collected: 06/02/10 14:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 80 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 1868-53-7 | |
| Toluene-d8 (S) | 90 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 77 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/07/10 11:46 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 20.6 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:10 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.25 | mg/kg | 0.46 | 0.25 | 1 | 06/15/10 10:21 | 06/15/10 18:04 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-14 7.5-10 **Lab ID: 4032676017** Collected: 06/02/10 14:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 8.1 | mg/kg | 2.3 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 05:19 | 7440-38-2 | |
| Barium | 49.8 | mg/kg | 0.57 | 0.051 | 1 | 06/04/10 10:25 | 06/07/10 05:19 | 7440-39-3 | |
| Cadmium | 0.25J | mg/kg | 0.57 | 0.030 | 1 | 06/04/10 10:25 | 06/07/10 05:19 | 7440-43-9 | |
| Chromium | 16.4 | mg/kg | 0.57 | 0.036 | 1 | 06/04/10 10:25 | 06/07/10 05:19 | 7440-47-3 | |
| Lead | 8.8 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 05:19 | 7439-92-1 | |
| Selenium | 0.42J | mg/kg | 2.3 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 05:19 | 7782-49-2 | |
| Silver | 0.18J | mg/kg | 1.1 | 0.051 | 1 | 06/04/10 10:25 | 06/07/10 05:19 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.0083J | mg/kg | 0.012 | 0.0021 | 1 | 06/04/10 10:08 | 06/04/10 14:14 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | 98.8J | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 83-32-9 | |
| Acenaphthylene | <20.8 | ug/kg | 194 | 20.8 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 208-96-8 | |
| Anthracene | 104J | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 120-12-7 | |
| Benzo(a)anthracene | 56.4J | ug/kg | 194 | 21.8 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 56-55-3 | |
| Benzo(a)pyrene | 29.5J | ug/kg | 194 | 23.5 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 50-32-8 | |
| Benzo(b)fluoranthene | 30.6J | ug/kg | 194 | 22.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 205-99-2 | |
| Benzo(g,h,i)perylene | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 191-24-2 | |
| Benzo(k)fluoranthene | 36.3J | ug/kg | 194 | 30.6 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 207-08-9 | |
| Benzyl alcohol | <24.2 | ug/kg | 387 | 24.2 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <20.6 | ug/kg | 194 | 20.6 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 101-55-3 | |
| Butylbenzylphthalate | <43.7 | ug/kg | 194 | 43.7 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <19.8 | ug/kg | 194 | 19.8 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 59-50-7 | |
| 4-Chloroaniline | <96.9 | ug/kg | 387 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <23.4 | ug/kg | 194 | 23.4 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 111-44-4 | |
| 2-Chloronaphthalene | <20.2 | ug/kg | 194 | 20.2 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 91-58-7 | |
| 2-Chlorophenol | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 7005-72-3 | |
| Chrysene | 87.0J | ug/kg | 194 | 28.3 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 218-01-9 | |
| Dibenz(a,h)anthracene | <35.5 | ug/kg | 194 | 35.5 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 53-70-3 | |
| Dibenzofuran | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.1 | ug/kg | 194 | 14.1 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 91-94-1 | |
| 2,4-Dichlorophenol | <16.6 | ug/kg | 194 | 16.6 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 120-83-2 | |
| Diethylphthalate | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 84-66-2 | |
| 2,4-Dimethylphenol | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 105-67-9 | |
| Dimethylphthalate | <20.4 | ug/kg | 194 | 20.4 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 131-11-3 | |
| Di-n-butylphthalate | <32.4 | ug/kg | 194 | 32.4 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 534-52-1 | |
| 2,4-Dinitrophenol | <142 | ug/kg | 776 | 142 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.2 | ug/kg | 194 | 15.2 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 121-14-2 | |
| 2,6-Dinitrotoluene | <22.4 | ug/kg | 194 | 22.4 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 606-20-2 | |
| Di-n-octylphthalate | <21.2 | ug/kg | 194 | 21.2 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-14 7.5-10 **Lab ID: 4032676017** Collected: 06/02/10 14:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <39.7 | ug/kg | 194 | 39.7 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 117-81-7 | |
| Fluoranthene | 165J | ug/kg | 194 | 34.3 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 206-44-0 | |
| Fluorene | 100J | ug/kg | 194 | 9.8 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <24.9 | ug/kg | 194 | 24.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 87-68-3 | |
| Hexachlorobenzene | <11.4 | ug/kg | 194 | 11.4 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 118-74-1 | |
| Hexachlorocyclopentadiene | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 77-47-4 | |
| Hexachloroethane | <24.5 | ug/kg | 194 | 24.5 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <26.0 | ug/kg | 194 | 26.0 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 193-39-5 | |
| Isophorone | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 78-59-1 | |
| 2-Methylnaphthalene | 157J | ug/kg | 194 | 21.4 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <20.2 | ug/kg | 194 | 20.2 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | | |
| Naphthalene | 201 | ug/kg | 194 | 22.7 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 91-20-3 | |
| 2-Nitroaniline | <14.0 | ug/kg | 194 | 14.0 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 88-74-4 | L2 |
| 3-Nitroaniline | <15.4 | ug/kg | 194 | 15.4 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 99-09-2 | |
| 4-Nitroaniline | <96.9 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 100-01-6 | |
| Nitrobenzene | <22.3 | ug/kg | 194 | 22.3 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 98-95-3 | |
| 2-Nitrophenol | <23.2 | ug/kg | 194 | 23.2 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 88-75-5 | |
| 4-Nitrophenol | <38.2 | ug/kg | 194 | 38.2 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <23.0 | ug/kg | 194 | 23.0 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 621-64-7 | |
| N-Nitrosodiphenylamine | <26.6 | ug/kg | 194 | 26.6 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 86-30-6 | |
| Pentachlorophenol | <96.9 | ug/kg | 384 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 87-86-5 | |
| Phenanthrene | 287 | ug/kg | 194 | 96.9 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 85-01-8 | |
| Phenol | <23.0 | ug/kg | 194 | 23.0 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 108-95-2 | |
| Pyrene | 112J | ug/kg | 194 | 47.2 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <60.8 | ug/kg | 194 | 60.8 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <12.8 | ug/kg | 194 | 12.8 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <21.4 | ug/kg | 194 | 21.4 | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 67 | %- | 37-130 | | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 85 | %- | 46-130 | | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 321-60-8 | |
| Terphenyl-d14 (S) | 64 | %- | 27-135 | | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 1718-51-0 | |
| Phenol-d6 (S) | 64 | %- | 30-130 | | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 13127-88-3 | |
| 2-Fluorophenol (S) | 66 | %- | 28-130 | | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 72 | %- | 23-130 | | 1 | 06/04/10 11:28 | 06/08/10 06:04 | 118-79-6 | |

| | | | | | | | | | |
|---|-------|-------|------|------|---|----------------|----------------|----------|---|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 92 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-14 7.5-10 Lab ID: 4032676017 Collected: 06/02/10 14:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-09-2 | W |
| Naphthalene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 91-20-3 | W |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-14 7.5-10 **Lab ID: 4032676017** Collected: 06/02/10 14:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 92 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 1868-53-7 | |
| Toluene-d8 (S) | 106 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 90 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 13:44 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 14.0 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:10 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.26 | mg/kg | 0.47 | 0.26 | 1 | 06/15/10 10:21 | 06/15/10 18:05 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-7 2.5-5 Lab ID: 4032676018 Collected: 06/02/10 14:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 3.5 | mg/kg | 2.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 05:31 | 7440-38-2 | |
| Barium | 52.6 | mg/kg | 0.53 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 05:31 | 7440-39-3 | |
| Cadmium | 0.22J | mg/kg | 0.53 | 0.028 | 1 | 06/04/10 10:25 | 06/07/10 05:31 | 7440-43-9 | |
| Chromium | 19.4 | mg/kg | 0.53 | 0.034 | 1 | 06/04/10 10:25 | 06/07/10 05:31 | 7440-47-3 | |
| Lead | 5.7 | mg/kg | 1.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 05:31 | 7439-92-1 | |
| Selenium | <0.17 | mg/kg | 2.1 | 0.17 | 1 | 06/04/10 10:25 | 06/07/10 05:31 | 7782-49-2 | |
| Silver | 0.13J | mg/kg | 1.1 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 05:31 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.0090J | mg/kg | 0.011 | 0.0020 | 1 | 06/04/10 10:08 | 06/04/10 14:15 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 83-32-9 | |
| Acenaphthylene | <20.7 | ug/kg | 193 | 20.7 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 208-96-8 | |
| Anthracene | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 120-12-7 | |
| Benzo(a)anthracene | 107J | ug/kg | 193 | 21.7 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 56-55-3 | |
| Benzo(a)pyrene | 120J | ug/kg | 193 | 23.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 50-32-8 | |
| Benzo(b)fluoranthene | 111J | ug/kg | 193 | 22.8 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 205-99-2 | |
| Benzo(g,h,i)perylene | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 191-24-2 | |
| Benzo(k)fluoranthene | 116J | ug/kg | 193 | 30.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 207-08-9 | |
| Benzyl alcohol | <24.1 | ug/kg | 385 | 24.1 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <20.4 | ug/kg | 193 | 20.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 101-55-3 | |
| Butylbenzylphthalate | <43.4 | ug/kg | 193 | 43.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <19.7 | ug/kg | 193 | 19.7 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 59-50-7 | |
| 4-Chloroaniline | <96.4 | ug/kg | 385 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <23.3 | ug/kg | 193 | 23.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 111-44-4 | |
| 2-Chloronaphthalene | <20.1 | ug/kg | 193 | 20.1 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 91-58-7 | |
| 2-Chlorophenol | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 7005-72-3 | |
| Chrysene | 122J | ug/kg | 193 | 28.1 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 218-01-9 | |
| Dibenz(a,h)anthracene | <35.3 | ug/kg | 193 | 35.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 53-70-3 | |
| Dibenzofuran | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.0 | ug/kg | 193 | 14.0 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 91-94-1 | |
| 2,4-Dichlorophenol | <16.5 | ug/kg | 193 | 16.5 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 120-83-2 | |
| Diethylphthalate | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 84-66-2 | |
| 2,4-Dimethylphenol | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 105-67-9 | |
| Dimethylphthalate | <20.3 | ug/kg | 193 | 20.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 131-11-3 | |
| Di-n-butylphthalate | <32.3 | ug/kg | 193 | 32.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 534-52-1 | |
| 2,4-Dinitrophenol | <142 | ug/kg | 772 | 142 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.2 | ug/kg | 193 | 15.2 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 121-14-2 | |
| 2,6-Dinitrotoluene | <22.3 | ug/kg | 193 | 22.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 606-20-2 | |
| Di-n-octylphthalate | <21.1 | ug/kg | 193 | 21.1 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-7 2.5-5 **Lab ID: 4032676018** Collected: 06/02/10 14:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <39.5 | ug/kg | 193 | 39.5 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 117-81-7 | |
| Fluoranthene | 169J | ug/kg | 193 | 34.1 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 206-44-0 | |
| Fluorene | 22.5J | ug/kg | 193 | 9.7 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <24.8 | ug/kg | 193 | 24.8 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 87-68-3 | |
| Hexachlorobenzene | <11.3 | ug/kg | 193 | 11.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 118-74-1 | |
| Hexachlorocyclopentadiene | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 77-47-4 | |
| Hexachloroethane | <24.4 | ug/kg | 193 | 24.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 47.5J | ug/kg | 193 | 25.9 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 193-39-5 | |
| Isophorone | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 78-59-1 | |
| 2-Methylnaphthalene | 23.2J | ug/kg | 193 | 21.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <20.1 | ug/kg | 193 | 20.1 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | | |
| Naphthalene | 388 | ug/kg | 193 | 22.6 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 91-20-3 | |
| 2-Nitroaniline | <14.0 | ug/kg | 193 | 14.0 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 88-74-4 | L2 |
| 3-Nitroaniline | <15.3 | ug/kg | 193 | 15.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 99-09-2 | |
| 4-Nitroaniline | <96.4 | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 100-01-6 | |
| Nitrobenzene | <22.2 | ug/kg | 193 | 22.2 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 98-95-3 | |
| 2-Nitrophenol | <23.1 | ug/kg | 193 | 23.1 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 88-75-5 | |
| 4-Nitrophenol | <38.0 | ug/kg | 193 | 38.0 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <22.9 | ug/kg | 193 | 22.9 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 621-64-7 | |
| N-Nitrosodiphenylamine | <26.5 | ug/kg | 193 | 26.5 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 86-30-6 | |
| Pentachlorophenol | <96.4 | ug/kg | 382 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 87-86-5 | |
| Phenanthrene | 111J | ug/kg | 193 | 96.4 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 85-01-8 | |
| Phenol | <22.9 | ug/kg | 193 | 22.9 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 108-95-2 | |
| Pyrene | 130J | ug/kg | 193 | 47.0 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <60.5 | ug/kg | 193 | 60.5 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <12.7 | ug/kg | 193 | 12.7 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <21.3 | ug/kg | 193 | 21.3 | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 60 | %- | 37-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 71 | %- | 46-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 321-60-8 | |
| Terphenyl-d14 (S) | 63 | %- | 27-135 | | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 1718-51-0 | |
| Phenol-d6 (S) | 57 | %- | 30-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 13127-88-3 | |
| 2-Fluorophenol (S) | 55 | %- | 28-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 89 | %- | 23-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:03 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 96 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-7 2.5-5 Lab ID: 4032676018 Collected: 06/02/10 14:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-09-2 | W |
| Naphthalene | 119 | ug/kg | 69.4 | 28.9 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-7 2.5-5 **Lab ID: 4032676018** Collected: 06/02/10 14:00 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 105 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 1868-53-7 | |
| Toluene-d8 (S) | 123 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 105 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 13:21 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 13.6 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:10 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.29 | mg/kg | 0.53 | 0.29 | 1 | 06/15/10 10:21 | 06/15/10 18:06 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: **B-8 7.5-10** Lab ID: **4032676019** Collected: 06/02/10 13:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|--------|--------|-----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 5.1 | mg/kg | 2.2 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 05:35 | 7440-38-2 | |
| Barium | 10.9 | mg/kg | 0.56 | 0.050 | 1 | 06/04/10 10:25 | 06/07/10 05:35 | 7440-39-3 | |
| Cadmium | 0.10J | mg/kg | 0.56 | 0.029 | 1 | 06/04/10 10:25 | 06/07/10 05:35 | 7440-43-9 | |
| Chromium | 6.8 | mg/kg | 0.56 | 0.036 | 1 | 06/04/10 10:25 | 06/07/10 05:35 | 7440-47-3 | |
| Lead | 3.3 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 10:25 | 06/07/10 05:35 | 7439-92-1 | |
| Selenium | 0.31J | mg/kg | 2.2 | 0.18 | 1 | 06/04/10 10:25 | 06/07/10 05:35 | 7782-49-2 | |
| Silver | 0.12J | mg/kg | 1.1 | 0.050 | 1 | 06/04/10 10:25 | 06/07/10 05:35 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.036 | mg/kg | 0.012 | 0.0021 | 1 | 06/04/10 10:08 | 06/04/10 14:16 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | 280000 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 83-32-9 | |
| Acenaphthylene | 142000J | ug/kg | 148000 | 15800 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 208-96-8 | |
| Anthracene | 179000 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 120-12-7 | |
| Benzo(a)anthracene | 161000 | ug/kg | 148000 | 16600 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 56-55-3 | |
| Benzo(a)pyrene | 136000J | ug/kg | 148000 | 17900 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 50-32-8 | |
| Benzo(b)fluoranthene | 133000J | ug/kg | 148000 | 17400 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 205-99-2 | |
| Benzo(g,h,i)perylene | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 191-24-2 | |
| Benzo(k)fluoranthene | 112000J | ug/kg | 148000 | 23300 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 207-08-9 | |
| Benzyl alcohol | <18400 | ug/kg | 295000 | 18400 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <15600 | ug/kg | 148000 | 15600 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 101-55-3 | |
| Butylbenzylphthalate | <33200 | ug/kg | 148000 | 33200 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <15100 | ug/kg | 148000 | 15100 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 59-50-7 | |
| 4-Chloroaniline | <73700 | ug/kg | 295000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <17800 | ug/kg | 148000 | 17800 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 111-44-4 | |
| 2-Chloronaphthalene | <15400 | ug/kg | 148000 | 15400 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 91-58-7 | |
| 2-Chlorophenol | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 7005-72-3 | |
| Chrysene | 142000J | ug/kg | 148000 | 21500 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 218-01-9 | |
| Dibenz(a,h)anthracene | <27000 | ug/kg | 148000 | 27000 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 53-70-3 | |
| Dibenzofuran | 318000 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <10700 | ug/kg | 148000 | 10700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 91-94-1 | |
| 2,4-Dichlorophenol | <12600 | ug/kg | 148000 | 12600 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 120-83-2 | |
| Diethylphthalate | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 84-66-2 | |
| 2,4-Dimethylphenol | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 105-67-9 | |
| Dimethylphthalate | <15500 | ug/kg | 148000 | 15500 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 131-11-3 | |
| Di-n-butylphthalate | <24700 | ug/kg | 148000 | 24700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 534-52-1 | |
| 2,4-Dinitrophenol | <108000 | ug/kg | 590000 | 108000 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 51-28-5 | |
| 2,4-Dinitrotoluene | <11600 | ug/kg | 148000 | 11600 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 121-14-2 | |
| 2,6-Dinitrotoluene | <17000 | ug/kg | 148000 | 17000 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 606-20-2 | |
| Di-n-octylphthalate | <16100 | ug/kg | 148000 | 16100 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 117-84-0 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 99 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-8 7.5-10 Lab ID: 4032676019 Collected: 06/02/10 13:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|-----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <30200 | ug/kg | 148000 | 30200 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 117-81-7 | |
| Fluoranthene | 544000 | ug/kg | 148000 | 26100 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 206-44-0 | |
| Fluorene | 318000 | ug/kg | 148000 | 7420 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <19000 | ug/kg | 148000 | 19000 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 87-68-3 | |
| Hexachlorobenzene | <8670 | ug/kg | 148000 | 8670 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 118-74-1 | |
| Hexachlorocyclopentadiene | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 77-47-4 | |
| Hexachloroethane | <18700 | ug/kg | 148000 | 18700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 57000J | ug/kg | 148000 | 19800 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 193-39-5 | |
| Isophorone | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 78-59-1 | |
| 2-Methylnaphthalene | 674000 | ug/kg | 148000 | 16300 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <15400 | ug/kg | 148000 | 15400 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | | |
| Naphthalene | 2410000 | ug/kg | 148000 | 17300 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 91-20-3 | |
| 2-Nitroaniline | <10700 | ug/kg | 148000 | 10700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 88-74-4 | L2 |
| 3-Nitroaniline | <11700 | ug/kg | 148000 | 11700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 99-09-2 | |
| 4-Nitroaniline | <73700 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 100-01-6 | |
| Nitrobenzene | <16900 | ug/kg | 148000 | 16900 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 98-95-3 | |
| 2-Nitrophenol | <17600 | ug/kg | 148000 | 17600 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 88-75-5 | |
| 4-Nitrophenol | <29100 | ug/kg | 148000 | 29100 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <17500 | ug/kg | 148000 | 17500 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 621-64-7 | |
| N-Nitrosodiphenylamine | <20300 | ug/kg | 148000 | 20300 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 86-30-6 | |
| Pentachlorophenol | <73700 | ug/kg | 292000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 87-86-5 | |
| Phenanthrene | 952000 | ug/kg | 148000 | 73700 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 85-01-8 | |
| Phenol | <17500 | ug/kg | 148000 | 17500 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 108-95-2 | |
| Pyrene | 411000 | ug/kg | 148000 | 35900 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <46300 | ug/kg | 148000 | 46300 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <9710 | ug/kg | 148000 | 9710 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <16300 | ug/kg | 148000 | 16300 | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 250 | 06/04/10 11:28 | 06/08/10 05:00 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|--------|-------|-------|-------|-----|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 79-00-5 | W |
| 1,1-Dichloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-34-3 | W |
| 1,1-Dichloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-35-4 | W |
| 1,1-Dichloropropene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 100 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-8 7.5-10 Lab ID: 4032676019 Collected: 06/02/10 13:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|-------|-----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 90900 | ug/kg | 28300 | 11800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <32900 | ug/kg | 100000 | 32900 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <17800 | ug/kg | 24000 | 17800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 95-50-1 | W |
| 1,2-Dichloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 107-06-2 | W |
| 1,2-Dichloropropane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 68600 | ug/kg | 28300 | 11800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 108-67-8 | |
| 1,3-Dichlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 541-73-1 | W |
| 1,3-Dichloropropane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 106-46-7 | W |
| 2,2-Dichloropropane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 594-20-7 | W |
| 2-Chlorotoluene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 95-49-8 | W |
| 4-Chlorotoluene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 106-43-4 | W |
| Benzene | 49000 | ug/kg | 28300 | 11800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 71-43-2 | |
| Bromobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 108-86-1 | W |
| Bromochloromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 74-97-5 | W |
| Bromodichloromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-27-4 | W |
| Bromoform | <10400 | ug/kg | 24000 | 10400 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-25-2 | W |
| Bromomethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 74-83-9 | W |
| Carbon tetrachloride | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 56-23-5 | W |
| Chlorobenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 108-90-7 | W |
| Chloroethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-00-3 | W |
| Chloroform | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 67-66-3 | W |
| Chloromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 74-87-3 | W |
| Dibromochloromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 124-48-1 | W |
| Dibromomethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 74-95-3 | W |
| Dichlorodifluoromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-71-8 | W |
| Diisopropyl ether | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 108-20-3 | W |
| Ethylbenzene | 43300 | ug/kg | 28300 | 11800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <10600 | ug/kg | 24000 | 10600 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 98-82-8 | W |
| Methyl-tert-butyl ether | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 1634-04-4 | W |
| Methylene Chloride | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-09-2 | W |
| Naphthalene | 2930000 | ug/kg | 28300 | 11800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 91-20-3 | |
| Styrene | 48500 | ug/kg | 28300 | 11800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 100-42-5 | |
| Tetrachloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 127-18-4 | W |
| Toluene | 125000 | ug/kg | 28300 | 11800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 108-88-3 | |
| Trichloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 79-01-6 | W |
| Trichlorofluoromethane | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-69-4 | W |
| Vinyl chloride | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 10061-01-5 | W |
| m&p-Xylene | 180000 | ug/kg | 56600 | 23600 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 179601-23-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-8 7.5-10 **Lab ID: 4032676019** Collected: 06/02/10 13:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|--|-------|--------|-------|-----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | |
| n-Butylbenzene | <16200 | ug/kg | 24000 | 16200 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 104-51-8 | W |
| n-Propylbenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 103-65-1 | W |
| o-Xylene | 63800 | ug/kg | 28300 | 11800 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 95-47-6 | |
| p-Isopropyltoluene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 99-87-6 | W |
| sec-Butylbenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 135-98-8 | W |
| tert-Butylbenzene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <10000 | ug/kg | 24000 | 10000 | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 400 | 06/04/10 10:04 | 06/04/10 17:57 | 460-00-4 | S4 |
| Percent Moisture | Analytical Method: ASTM D2974-87 | | | | | | | | |
| Percent Moisture | 15.2 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:10 | | |
| 9012 Cyanide, Total | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | | |
| Cyanide | <0.37 | mg/kg | 0.67 | 0.37 | 1 | 06/15/10 10:21 | 06/15/10 18:10 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-8 15-18 **Lab ID: 4032676020** Collected: 06/02/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 5.3 | mg/kg | 2.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 05:39 | 7440-38-2 | |
| Barium | 35.4 | mg/kg | 0.53 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 05:39 | 7440-39-3 | |
| Cadmium | 0.20J | mg/kg | 0.53 | 0.028 | 1 | 06/04/10 10:25 | 06/07/10 05:39 | 7440-43-9 | |
| Chromium | 16.0 | mg/kg | 0.53 | 0.034 | 1 | 06/04/10 10:25 | 06/07/10 05:39 | 7440-47-3 | |
| Lead | 7.3 | mg/kg | 1.1 | 0.10 | 1 | 06/04/10 10:25 | 06/07/10 05:39 | 7439-92-1 | |
| Selenium | 0.23J | mg/kg | 2.1 | 0.17 | 1 | 06/04/10 10:25 | 06/07/10 05:39 | 7782-49-2 | |
| Silver | 0.12J | mg/kg | 1.1 | 0.048 | 1 | 06/04/10 10:25 | 06/07/10 05:39 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.0089J | mg/kg | 0.011 | 0.0020 | 1 | 06/04/10 10:08 | 06/04/10 14:18 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 83-32-9 | |
| Acenaphthylene | <20.2 | ug/kg | 189 | 20.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 208-96-8 | |
| Anthracene | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 120-12-7 | |
| Benzo(a)anthracene | <21.2 | ug/kg | 189 | 21.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 56-55-3 | |
| Benzo(a)pyrene | <22.9 | ug/kg | 189 | 22.9 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 50-32-8 | |
| Benzo(b)fluoranthene | <22.2 | ug/kg | 189 | 22.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 205-99-2 | |
| Benzo(g,h,i)perylene | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 191-24-2 | |
| Benzo(k)fluoranthene | <29.7 | ug/kg | 189 | 29.7 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 207-08-9 | |
| Benzyl alcohol | <23.5 | ug/kg | 376 | 23.5 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <20.0 | ug/kg | 189 | 20.0 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 101-55-3 | |
| Butylbenzylphthalate | <42.4 | ug/kg | 189 | 42.4 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <19.2 | ug/kg | 189 | 19.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 59-50-7 | |
| 4-Chloroaniline | <94.2 | ug/kg | 376 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <22.7 | ug/kg | 189 | 22.7 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 111-44-4 | |
| 2-Chloronaphthalene | <19.6 | ug/kg | 189 | 19.6 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 91-58-7 | |
| 2-Chlorophenol | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 7005-72-3 | |
| Chrysene | <27.5 | ug/kg | 189 | 27.5 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 218-01-9 | |
| Dibenz(a,h)anthracene | <34.5 | ug/kg | 189 | 34.5 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 53-70-3 | |
| Dibenzofuran | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <13.7 | ug/kg | 189 | 13.7 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 91-94-1 | |
| 2,4-Dichlorophenol | <16.1 | ug/kg | 189 | 16.1 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 120-83-2 | |
| Diethylphthalate | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 84-66-2 | |
| 2,4-Dimethylphenol | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 105-67-9 | |
| Dimethylphthalate | <19.8 | ug/kg | 189 | 19.8 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 131-11-3 | |
| Di-n-butylphthalate | <31.5 | ug/kg | 189 | 31.5 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 534-52-1 | |
| 2,4-Dinitrophenol | <138 | ug/kg | 754 | 138 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 51-28-5 | |
| 2,4-Dinitrotoluene | <14.8 | ug/kg | 189 | 14.8 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 121-14-2 | |
| 2,6-Dinitrotoluene | <21.8 | ug/kg | 189 | 21.8 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 606-20-2 | |
| Di-n-octylphthalate | <20.6 | ug/kg | 189 | 20.6 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-8 15-18 Lab ID: 4032676020 Collected: 06/02/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <38.6 | ug/kg | 189 | 38.6 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 117-81-7 | |
| Fluoranthene | <33.4 | ug/kg | 189 | 33.4 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 206-44-0 | |
| Fluorene | <9.5 | ug/kg | 189 | 9.5 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <24.3 | ug/kg | 189 | 24.3 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 87-68-3 | |
| Hexachlorobenzene | <11.1 | ug/kg | 189 | 11.1 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 118-74-1 | |
| Hexachlorocyclopentadiene | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 77-47-4 | |
| Hexachloroethane | <23.9 | ug/kg | 189 | 23.9 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <25.3 | ug/kg | 189 | 25.3 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 193-39-5 | |
| Isophorone | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 78-59-1 | |
| 2-Methylnaphthalene | 27.4J | ug/kg | 189 | 20.8 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <19.6 | ug/kg | 189 | 19.6 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | | |
| Naphthalene | 280 | ug/kg | 189 | 22.0 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 91-20-3 | |
| 2-Nitroaniline | <13.7 | ug/kg | 189 | 13.7 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 88-74-4 | L2 |
| 3-Nitroaniline | <14.9 | ug/kg | 189 | 14.9 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 99-09-2 | |
| 4-Nitroaniline | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 100-01-6 | |
| Nitrobenzene | <21.6 | ug/kg | 189 | 21.6 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 98-95-3 | |
| 2-Nitrophenol | <22.5 | ug/kg | 189 | 22.5 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 88-75-5 | |
| 4-Nitrophenol | <37.2 | ug/kg | 189 | 37.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <22.4 | ug/kg | 189 | 22.4 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 621-64-7 | |
| N-Nitrosodiphenylamine | <25.9 | ug/kg | 189 | 25.9 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 86-30-6 | |
| Pentachlorophenol | <94.2 | ug/kg | 373 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 87-86-5 | |
| Phenanthrene | <94.2 | ug/kg | 189 | 94.2 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 85-01-8 | |
| Phenol | <22.4 | ug/kg | 189 | 22.4 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 108-95-2 | |
| Pyrene | <45.9 | ug/kg | 189 | 45.9 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <59.1 | ug/kg | 189 | 59.1 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <12.4 | ug/kg | 189 | 12.4 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <20.8 | ug/kg | 189 | 20.8 | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 61 | %- | 37-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 76 | %- | 46-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 321-60-8 | |
| Terphenyl-d14 (S) | 59 | %- | 27-135 | | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 1718-51-0 | |
| Phenol-d6 (S) | 58 | %- | 30-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 13127-88-3 | |
| 2-Fluorophenol (S) | 56 | %- | 28-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 60 | %- | 23-130 | | 1 | 06/04/10 11:28 | 06/07/10 22:36 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 87-61-6 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-8 15-18 Lab ID: 4032676020 Collected: 06/02/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-09-2 | W |
| Naphthalene | 157 | ug/kg | 67.8 | 28.3 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-8 15-18 **Lab ID: 4032676020** Collected: 06/02/10 13:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 88 | %- | 67-143 | | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | %- | 67-132 | | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 85 | %- | 55-141 | | 1 | 06/04/10 10:04 | 06/04/10 14:07 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 11.5 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:10 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.32 | mg/kg | 0.59 | 0.32 | 1 | 06/15/10 10:21 | 06/15/10 18:10 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-13 7.5-10 **Lab ID: 4032676021** Collected: 06/02/10 12:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 3.6 | mg/kg | 2.3 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 11:45 | 7440-38-2 | |
| Barium | 20.5 | mg/kg | 0.57 | 0.051 | 1 | 06/04/10 12:10 | 06/07/10 11:45 | 7440-39-3 | |
| Cadmium | 0.21J | mg/kg | 0.57 | 0.030 | 1 | 06/04/10 12:10 | 06/07/10 11:45 | 7440-43-9 | |
| Chromium | 13.4 | mg/kg | 0.57 | 0.036 | 1 | 06/04/10 12:10 | 06/07/10 11:45 | 7440-47-3 | |
| Lead | 6.5 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 11:45 | 7439-92-1 | |
| Selenium | 0.21J | mg/kg | 2.3 | 0.18 | 1 | 06/04/10 12:10 | 06/07/10 11:45 | 7782-49-2 | |
| Silver | 0.10J | mg/kg | 1.1 | 0.051 | 1 | 06/04/10 12:10 | 06/07/10 11:45 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.0083J | mg/kg | 0.011 | 0.0020 | 1 | 06/07/10 11:02 | 06/07/10 14:38 | 7439-97-6 | 1q |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | 1430J | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 83-32-9 | |
| Acenaphthylene | <164 | ug/kg | 1530 | 164 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 208-96-8 | |
| Anthracene | 784J | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 120-12-7 | |
| Benzo(a)anthracene | 870J | ug/kg | 1530 | 172 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 56-55-3 | |
| Benzo(a)pyrene | 921J | ug/kg | 1530 | 185 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 50-32-8 | |
| Benzo(b)fluoranthene | 984J | ug/kg | 1530 | 180 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 205-99-2 | |
| Benzo(g,h,i)perylene | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 191-24-2 | |
| Benzo(k)fluoranthene | 1110J | ug/kg | 1530 | 241 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 207-08-9 | |
| Benzyl alcohol | <190 | ug/kg | 3050 | 190 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <162 | ug/kg | 1530 | 162 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 101-55-3 | |
| Butylbenzylphthalate | <344 | ug/kg | 1530 | 344 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <156 | ug/kg | 1530 | 156 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 59-50-7 | L2 |
| 4-Chloroaniline | <763 | ug/kg | 3050 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <184 | ug/kg | 1530 | 184 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 111-44-4 | |
| 2-Chloronaphthalene | <159 | ug/kg | 1530 | 159 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 91-58-7 | |
| 2-Chlorophenol | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 7005-72-3 | |
| Chrysene | 1100J | ug/kg | 1530 | 223 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 218-01-9 | |
| Dibenz(a,h)anthracene | <280 | ug/kg | 1530 | 280 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 53-70-3 | |
| Dibenzofuran | 1030J | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <111 | ug/kg | 1530 | 111 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 91-94-1 | |
| 2,4-Dichlorophenol | <130 | ug/kg | 1530 | 130 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 120-83-2 | |
| Diethylphthalate | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 84-66-2 | |
| 2,4-Dimethylphenol | 1020J | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 105-67-9 | |
| Dimethylphthalate | <160 | ug/kg | 1530 | 160 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 131-11-3 | |
| Di-n-butylphthalate | <255 | ug/kg | 1530 | 255 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 534-52-1 | |
| 2,4-Dinitrophenol | <1120 | ug/kg | 6110 | 1120 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 51-28-5 | |
| 2,4-Dinitrotoluene | <120 | ug/kg | 1530 | 120 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 121-14-2 | |
| 2,6-Dinitrotoluene | <176 | ug/kg | 1530 | 176 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 606-20-2 | |
| Di-n-octylphthalate | <167 | ug/kg | 1530 | 167 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-13 7.5-10 Lab ID: 4032676021 Collected: 06/02/10 12:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | 7050 | ug/kg | 1530 | 312 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 117-81-7 | |
| Fluoranthene | 2450 | ug/kg | 1530 | 270 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 206-44-0 | |
| Fluorene | 917J | ug/kg | 1530 | 76.8 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <196 | ug/kg | 1530 | 196 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 87-68-3 | |
| Hexachlorobenzene | <89.7 | ug/kg | 1530 | 89.7 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 118-74-1 | |
| Hexachlorocyclopentadiene | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 77-47-4 | |
| Hexachloroethane | <193 | ug/kg | 1530 | 193 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 631J | ug/kg | 1530 | 205 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 193-39-5 | |
| Isophorone | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 78-59-1 | |
| 2-Methylnaphthalene | 2900 | ug/kg | 1530 | 168 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 172J | ug/kg | 1530 | 159 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | | |
| Naphthalene | 11400 | ug/kg | 1530 | 179 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 91-20-3 | |
| 2-Nitroaniline | <111 | ug/kg | 1530 | 111 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 88-74-4 | |
| 3-Nitroaniline | <121 | ug/kg | 1530 | 121 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 99-09-2 | |
| 4-Nitroaniline | <763 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 100-01-6 | |
| Nitrobenzene | <175 | ug/kg | 1530 | 175 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 98-95-3 | |
| 2-Nitrophenol | <183 | ug/kg | 1530 | 183 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 88-75-5 | |
| 4-Nitrophenol | <301 | ug/kg | 1530 | 301 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <181 | ug/kg | 1530 | 181 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 621-64-7 | |
| N-Nitrosodiphenylamine | <210 | ug/kg | 1530 | 210 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 86-30-6 | |
| Pentachlorophenol | <763 | ug/kg | 3020 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 87-86-5 | L2 |
| Phenanthrene | 2970 | ug/kg | 1530 | 763 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 85-01-8 | |
| Phenol | <181 | ug/kg | 1530 | 181 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 108-95-2 | |
| Pyrene | 1540 | ug/kg | 1530 | 372 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <479 | ug/kg | 1530 | 479 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <100 | ug/kg | 1530 | 100 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <169 | ug/kg | 1530 | 169 | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 54 | %- | 37-130 | | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 90 | %- | 46-130 | | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 321-60-8 | |
| Terphenyl-d14 (S) | 80 | %- | 27-135 | | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 1718-51-0 | |
| Phenol-d6 (S) | 48 | %- | 30-130 | | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 13127-88-3 | |
| 2-Fluorophenol (S) | 59 | %- | 28-130 | | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 65 | %- | 23-130 | | 8 | 06/10/10 09:48 | 06/11/10 16:23 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|------|-------|-----|-----|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 79-00-5 | W |
| 1,1-Dichloroethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-34-3 | W |
| 1,1-Dichloroethene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-35-4 | W |
| 1,1-Dichloropropene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 87-61-6 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-13 7.5-10 Lab ID: 4032676021 Collected: 06/02/10 12:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|-----|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 907 | ug/kg | 343 | 143 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <412 | ug/kg | 1250 | 412 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <222 | ug/kg | 300 | 222 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 95-50-1 | W |
| 1,2-Dichloroethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 107-06-2 | W |
| 1,2-Dichloropropane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 753 | ug/kg | 343 | 143 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 108-67-8 | |
| 1,3-Dichlorobenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 541-73-1 | W |
| 1,3-Dichloropropane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 106-46-7 | W |
| 2,2-Dichloropropane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 594-20-7 | W |
| 2-Chlorotoluene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 95-49-8 | W |
| 4-Chlorotoluene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 106-43-4 | W |
| Benzene | 212J | ug/kg | 343 | 143 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 71-43-2 | |
| Bromobenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 108-86-1 | W |
| Bromochloromethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 74-97-5 | W |
| Bromodichloromethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-27-4 | W |
| Bromoform | <129 | ug/kg | 300 | 129 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-25-2 | W |
| Bromomethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 74-83-9 | W |
| Carbon tetrachloride | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 56-23-5 | W |
| Chlorobenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 108-90-7 | W |
| Chloroethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-00-3 | W |
| Chloroform | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 67-66-3 | W |
| Chloromethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 74-87-3 | W |
| Dibromochloromethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 124-48-1 | W |
| Dibromomethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 74-95-3 | W |
| Dichlorodifluoromethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-71-8 | W |
| Diisopropyl ether | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 108-20-3 | W |
| Ethylbenzene | 340J | ug/kg | 343 | 143 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <132 | ug/kg | 300 | 132 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 98-82-8 | W |
| Methyl-tert-butyl ether | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 1634-04-4 | W |
| Methylene Chloride | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-09-2 | W |
| Naphthalene | 28300 | ug/kg | 343 | 143 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 91-20-3 | |
| Styrene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 100-42-5 | W |
| Tetrachloroethene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 127-18-4 | W |
| Toluene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 108-88-3 | W |
| Trichloroethene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 79-01-6 | W |
| Trichlorofluoromethane | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-69-4 | W |
| Vinyl chloride | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 10061-01-5 | W |
| m&p-Xylene | 1150 | ug/kg | 687 | 286 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 179601-23-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-13 7.5-10 **Lab ID: 4032676021** Collected: 06/02/10 12:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <202 | ug/kg | 300 | 202 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 104-51-8 | W |
| n-Propylbenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 103-65-1 | W |
| o-Xylene | 515 | ug/kg | 343 | 143 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 95-47-6 | |
| p-Isopropyltoluene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 99-87-6 | W |
| sec-Butylbenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 135-98-8 | W |
| tert-Butylbenzene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <125 | ug/kg | 300 | 125 | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 86 | %- | 67-143 | | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 1868-53-7 | |
| Toluene-d8 (S) | 104 | %- | 67-132 | | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 84 | %- | 55-141 | | 5 | 06/04/10 10:04 | 06/04/10 15:16 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 12.6 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:10 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.27 | mg/kg | 0.49 | 0.27 | 1 | 06/15/10 10:21 | 06/15/10 18:13 | 57-12-5 | M0 |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-13 12.5-15 Lab ID: 4032676022 Collected: 06/02/10 12:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 3.9 | mg/kg | 2.2 | 0.10 | 1 | 06/04/10 12:10 | 06/07/10 11:56 | 7440-38-2 | |
| Barium | 37.2 | mg/kg | 0.54 | 0.049 | 1 | 06/04/10 12:10 | 06/07/10 11:56 | 7440-39-3 | |
| Cadmium | 0.25J | mg/kg | 0.54 | 0.028 | 1 | 06/04/10 12:10 | 06/07/10 11:56 | 7440-43-9 | |
| Chromium | 18.8 | mg/kg | 0.54 | 0.035 | 1 | 06/04/10 12:10 | 06/07/10 11:56 | 7440-47-3 | |
| Lead | 6.1 | mg/kg | 1.1 | 0.10 | 1 | 06/04/10 12:10 | 06/07/10 11:56 | 7439-92-1 | |
| Selenium | 0.33J | mg/kg | 2.2 | 0.18 | 1 | 06/04/10 12:10 | 06/07/10 11:56 | 7782-49-2 | |
| Silver | 0.092J | mg/kg | 1.1 | 0.049 | 1 | 06/04/10 12:10 | 06/07/10 11:56 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.0053J | mg/kg | 0.011 | 0.0020 | 1 | 06/07/10 11:02 | 06/07/10 14:39 | 7439-97-6 | 1q |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 83-32-9 | |
| Acenaphthylene | <20.3 | ug/kg | 190 | 20.3 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 208-96-8 | |
| Anthracene | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 120-12-7 | |
| Benzo(a)anthracene | <21.3 | ug/kg | 190 | 21.3 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 56-55-3 | |
| Benzo(a)pyrene | <22.9 | ug/kg | 190 | 22.9 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 50-32-8 | |
| Benzo(b)fluoranthene | <22.3 | ug/kg | 190 | 22.3 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 205-99-2 | |
| Benzo(g,h,i)perylene | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 191-24-2 | |
| Benzo(k)fluoranthene | <29.8 | ug/kg | 190 | 29.8 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 207-08-9 | |
| Benzyl alcohol | <23.6 | ug/kg | 378 | 23.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <20.1 | ug/kg | 190 | 20.1 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 101-55-3 | |
| Butylbenzylphthalate | <42.6 | ug/kg | 190 | 42.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <19.3 | ug/kg | 190 | 19.3 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 59-50-7 | L2 |
| 4-Chloroaniline | <94.6 | ug/kg | 378 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <22.8 | ug/kg | 190 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 111-44-4 | |
| 2-Chloronaphthalene | <19.7 | ug/kg | 190 | 19.7 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 91-58-7 | |
| 2-Chlorophenol | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 7005-72-3 | |
| Chrysene | <27.6 | ug/kg | 190 | 27.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 218-01-9 | |
| Dibenz(a,h)anthracene | <34.6 | ug/kg | 190 | 34.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 53-70-3 | |
| Dibenzofuran | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <13.7 | ug/kg | 190 | 13.7 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 91-94-1 | |
| 2,4-Dichlorophenol | <16.2 | ug/kg | 190 | 16.2 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 120-83-2 | |
| Diethylphthalate | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 84-66-2 | |
| 2,4-Dimethylphenol | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 105-67-9 | |
| Dimethylphthalate | <19.9 | ug/kg | 190 | 19.9 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 131-11-3 | |
| Di-n-butylphthalate | <31.7 | ug/kg | 190 | 31.7 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 534-52-1 | |
| 2,4-Dinitrophenol | <139 | ug/kg | 757 | 139 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 51-28-5 | M0 |
| 2,4-Dinitrotoluene | <14.9 | ug/kg | 190 | 14.9 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 121-14-2 | |
| 2,6-Dinitrotoluene | <21.9 | ug/kg | 190 | 21.9 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 606-20-2 | |
| Di-n-octylphthalate | <20.7 | ug/kg | 190 | 20.7 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 117-84-0 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 111 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-13 12.5-15 Lab ID: 4032676022 Collected: 06/02/10 12:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <38.7 | ug/kg | 190 | 38.7 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 117-81-7 | |
| Fluoranthene | <33.5 | ug/kg | 190 | 33.5 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 206-44-0 | |
| Fluorene | <9.5 | ug/kg | 190 | 9.5 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <24.3 | ug/kg | 190 | 24.3 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 87-68-3 | |
| Hexachlorobenzene | <11.1 | ug/kg | 190 | 11.1 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 118-74-1 | |
| Hexachlorocyclopentadiene | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 77-47-4 | |
| Hexachloroethane | <23.9 | ug/kg | 190 | 23.9 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <25.4 | ug/kg | 190 | 25.4 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 193-39-5 | |
| Isophorone | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 78-59-1 | |
| 2-Methylnaphthalene | 61.0J | ug/kg | 190 | 20.9 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <19.7 | ug/kg | 190 | 19.7 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | | |
| Naphthalene | 721 | ug/kg | 190 | 22.1 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 91-20-3 | M0 |
| 2-Nitroaniline | <13.7 | ug/kg | 190 | 13.7 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 88-74-4 | |
| 3-Nitroaniline | <15.0 | ug/kg | 190 | 15.0 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 99-09-2 | |
| 4-Nitroaniline | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 100-01-6 | |
| Nitrobenzene | <21.7 | ug/kg | 190 | 21.7 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 98-95-3 | |
| 2-Nitrophenol | <22.6 | ug/kg | 190 | 22.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 88-75-5 | |
| 4-Nitrophenol | <37.3 | ug/kg | 190 | 37.3 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <22.4 | ug/kg | 190 | 22.4 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 621-64-7 | M0 |
| N-Nitrosodiphenylamine | <26.0 | ug/kg | 190 | 26.0 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 86-30-6 | |
| Pentachlorophenol | <94.6 | ug/kg | 374 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 87-86-5 | L2 |
| Phenanthrene | <94.6 | ug/kg | 190 | 94.6 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 85-01-8 | |
| Phenol | <22.5 | ug/kg | 190 | 22.5 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 108-95-2 | |
| Pyrene | <46.1 | ug/kg | 190 | 46.1 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <59.3 | ug/kg | 190 | 59.3 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <12.5 | ug/kg | 190 | 12.5 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <20.9 | ug/kg | 190 | 20.9 | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 63 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 75 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 321-60-8 | |
| Terphenyl-d14 (S) | 54 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 1718-51-0 | |
| Phenol-d6 (S) | 59 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 13127-88-3 | |
| 2-Fluorophenol (S) | 63 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 73 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:35 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|------|-------|-----|-----|------|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 79-00-5 | W |
| 1,1-Dichloroethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-34-3 | W |
| 1,1-Dichloroethene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-35-4 | W |
| 1,1-Dichloropropene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 112 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-13 12.5-15 Lab ID: 4032676022 Collected: 06/02/10 12:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|------|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 1670 | ug/kg | 851 | 355 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <1030 | ug/kg | 3120 | 1030 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <555 | ug/kg | 750 | 555 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 95-50-1 | W |
| 1,2-Dichloroethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 107-06-2 | W |
| 1,2-Dichloropropane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 1540 | ug/kg | 851 | 355 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 108-67-8 | |
| 1,3-Dichlorobenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 541-73-1 | W |
| 1,3-Dichloropropane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 106-46-7 | W |
| 2,2-Dichloropropane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 594-20-7 | W |
| 2-Chlorotoluene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 95-49-8 | W |
| 4-Chlorotoluene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 106-43-4 | W |
| Benzene | 442J | ug/kg | 851 | 355 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 71-43-2 | |
| Bromobenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 108-86-1 | W |
| Bromochloromethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 74-97-5 | W |
| Bromodichloromethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-27-4 | W |
| Bromoform | <324 | ug/kg | 750 | 324 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-25-2 | W |
| Bromomethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 74-83-9 | W |
| Carbon tetrachloride | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 56-23-5 | W |
| Chlorobenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 108-90-7 | W |
| Chloroethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-00-3 | W |
| Chloroform | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 67-66-3 | W |
| Chloromethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 74-87-3 | W |
| Dibromochloromethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 124-48-1 | W |
| Dibromomethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 74-95-3 | W |
| Dichlorodifluoromethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-71-8 | W |
| Diisopropyl ether | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 108-20-3 | W |
| Ethylbenzene | 1130 | ug/kg | 851 | 355 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <330 | ug/kg | 750 | 330 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 98-82-8 | W |
| Methyl-tert-butyl ether | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 1634-04-4 | W |
| Methylene Chloride | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-09-2 | W |
| Naphthalene | 36400 | ug/kg | 851 | 355 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 91-20-3 | |
| Styrene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 100-42-5 | W |
| Tetrachloroethene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 127-18-4 | W |
| Toluene | 533J | ug/kg | 851 | 355 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 108-88-3 | |
| Trichloroethene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 79-01-6 | W |
| Trichlorofluoromethane | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-69-4 | W |
| Vinyl chloride | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 10061-01-5 | W |
| m&p-Xylene | 961J | ug/kg | 1700 | 709 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 179601-23-1 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 113 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-13 12.5-15 **Lab ID: 4032676022** Collected: 06/02/10 12:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|------|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <505 | ug/kg | 750 | 505 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 104-51-8 | W |
| n-Propylbenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 103-65-1 | W |
| o-Xylene | 1140 | ug/kg | 851 | 355 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 95-47-6 | |
| p-Isopropyltoluene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 99-87-6 | W |
| sec-Butylbenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 135-98-8 | W |
| tert-Butylbenzene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <312 | ug/kg | 750 | 312 | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 12.5 | 06/07/10 13:14 | 06/07/10 20:34 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 11.9 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:11 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.22 | mg/kg | 0.40 | 0.22 | 1 | 06/15/10 10:24 | 06/15/10 18:17 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-9 2.5-5 Lab ID: 4032676023 Collected: 06/02/10 11:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 2.4 | mg/kg | 2.3 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 12:01 | 7440-38-2 | |
| Barium | 37.2 | mg/kg | 0.56 | 0.051 | 1 | 06/04/10 12:10 | 06/07/10 12:01 | 7440-39-3 | |
| Cadmium | 0.12J | mg/kg | 0.56 | 0.030 | 1 | 06/04/10 12:10 | 06/07/10 12:01 | 7440-43-9 | |
| Chromium | 15.4 | mg/kg | 0.56 | 0.036 | 1 | 06/04/10 12:10 | 06/07/10 12:01 | 7440-47-3 | |
| Lead | 9.0 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 12:01 | 7439-92-1 | |
| Selenium | 0.26J | mg/kg | 2.3 | 0.18 | 1 | 06/04/10 12:10 | 06/07/10 12:01 | 7782-49-2 | |
| Silver | <0.051 | mg/kg | 1.1 | 0.051 | 1 | 06/04/10 12:10 | 06/07/10 12:01 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.038 | mg/kg | 0.012 | 0.0022 | 1 | 06/07/10 11:02 | 06/07/10 14:40 | 7439-97-6 | 1q |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 83-32-9 | |
| Acenaphthylene | <22.1 | ug/kg | 206 | 22.1 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 208-96-8 | |
| Anthracene | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 120-12-7 | |
| Benzo(a)anthracene | 254 | ug/kg | 206 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 56-55-3 | |
| Benzo(a)pyrene | 409 | ug/kg | 206 | 25.0 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 50-32-8 | |
| Benzo(b)fluoranthene | 356 | ug/kg | 206 | 24.3 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 205-99-2 | |
| Benzo(g,h,i)perylene | 250 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 191-24-2 | |
| Benzo(k)fluoranthene | 342 | ug/kg | 206 | 32.5 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 207-08-9 | |
| Benzyl alcohol | <25.7 | ug/kg | 411 | 25.7 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <21.8 | ug/kg | 206 | 21.8 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 101-55-3 | |
| Butylbenzylphthalate | <46.4 | ug/kg | 206 | 46.4 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <21.0 | ug/kg | 206 | 21.0 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 59-50-7 | L2 |
| 4-Chloroaniline | <103 | ug/kg | 411 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.9 | ug/kg | 206 | 24.9 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 111-44-4 | |
| 2-Chloronaphthalene | <21.4 | ug/kg | 206 | 21.4 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 91-58-7 | |
| 2-Chlorophenol | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 7005-72-3 | |
| Chrysene | 334 | ug/kg | 206 | 30.1 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 218-01-9 | |
| Dibenz(a,h)anthracene | <37.7 | ug/kg | 206 | 37.7 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 53-70-3 | |
| Dibenzofuran | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.9 | ug/kg | 206 | 14.9 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.6 | ug/kg | 206 | 17.6 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 120-83-2 | |
| Diethylphthalate | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 84-66-2 | |
| 2,4-Dimethylphenol | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 105-67-9 | |
| Dimethylphthalate | <21.6 | ug/kg | 206 | 21.6 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 131-11-3 | |
| Di-n-butylphthalate | <34.5 | ug/kg | 206 | 34.5 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 534-52-1 | |
| 2,4-Dinitrophenol | <151 | ug/kg | 824 | 151 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 51-28-5 | |
| 2,4-Dinitrotoluene | <16.2 | ug/kg | 206 | 16.2 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 121-14-2 | |
| 2,6-Dinitrotoluene | <23.8 | ug/kg | 206 | 23.8 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 606-20-2 | |
| Di-n-octylphthalate | <22.5 | ug/kg | 206 | 22.5 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 117-84-0 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 115 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-9 2.5-5 Lab ID: 4032676023 Collected: 06/02/10 11:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <42.2 | ug/kg | 206 | 42.2 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 117-81-7 | |
| Fluoranthene | 252 | ug/kg | 206 | 36.5 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 206-44-0 | |
| Fluorene | <10.4 | ug/kg | 206 | 10.4 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <26.5 | ug/kg | 206 | 26.5 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 87-68-3 | |
| Hexachlorobenzene | <12.1 | ug/kg | 206 | 12.1 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 118-74-1 | |
| Hexachlorocyclopentadiene | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 77-47-4 | |
| Hexachloroethane | <26.1 | ug/kg | 206 | 26.1 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 198J | ug/kg | 206 | 27.6 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 193-39-5 | |
| Isophorone | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 78-59-1 | |
| 2-Methylnaphthalene | <22.7 | ug/kg | 206 | 22.7 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <21.5 | ug/kg | 206 | 21.5 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | | |
| Naphthalene | <24.1 | ug/kg | 206 | 24.1 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 91-20-3 | |
| 2-Nitroaniline | <14.9 | ug/kg | 206 | 14.9 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 88-74-4 | |
| 3-Nitroaniline | <16.3 | ug/kg | 206 | 16.3 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 99-09-2 | |
| 4-Nitroaniline | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 100-01-6 | |
| Nitrobenzene | <23.7 | ug/kg | 206 | 23.7 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 98-95-3 | |
| 2-Nitrophenol | <24.6 | ug/kg | 206 | 24.6 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 88-75-5 | |
| 4-Nitrophenol | <40.6 | ug/kg | 206 | 40.6 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <24.4 | ug/kg | 206 | 24.4 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 621-64-7 | |
| N-Nitrosodiphenylamine | <28.3 | ug/kg | 206 | 28.3 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 86-30-6 | |
| Pentachlorophenol | <103 | ug/kg | 408 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 87-86-5 | L2 |
| Phenanthrene | <103 | ug/kg | 206 | 103 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 85-01-8 | |
| Phenol | <24.5 | ug/kg | 206 | 24.5 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 108-95-2 | |
| Pyrene | 264 | ug/kg | 206 | 50.1 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <64.6 | ug/kg | 206 | 64.6 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.6 | ug/kg | 206 | 13.6 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.8 | ug/kg | 206 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 61 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 86 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 321-60-8 | |
| Terphenyl-d14 (S) | 91 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 1718-51-0 | |
| Phenol-d6 (S) | 48 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 13127-88-3 | |
| 2-Fluorophenol (S) | 55 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 109 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 14:45 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 116 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Sample Project No.: 4032676

Sample: B-9 2.5-5 Lab ID: 4032676023 Collected: 06/02/10 11:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-09-2 | W |
| Naphthalene | 129 | ug/kg | 74.1 | 30.9 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 179601-23-1 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 117 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-9 2.5-5 **Lab ID: 4032676023** Collected: 06/02/10 11:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 107 | %- | 67-143 | | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 1868-53-7 | |
| Toluene-d8 (S) | 120 | %- | 67-132 | | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 104 | %- | 55-141 | | 1 | 06/07/10 13:14 | 06/07/10 13:41 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 19.1 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:11 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.34 | mg/kg | 0.62 | 0.34 | 1 | 06/15/10 10:24 | 06/15/10 18:18 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-9 5-7.5 Lab ID: 4032676024 Collected: 06/02/10 11:45 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 6.3 | mg/kg | 2.4 | 0.12 | 1 | 06/04/10 12:10 | 06/07/10 12:04 | 7440-38-2 | |
| Barium | 64.2 | mg/kg | 0.60 | 0.054 | 1 | 06/04/10 12:10 | 06/07/10 12:04 | 7440-39-3 | |
| Cadmium | 0.21J | mg/kg | 0.60 | 0.032 | 1 | 06/04/10 12:10 | 06/07/10 12:04 | 7440-43-9 | |
| Chromium | 34.4 | mg/kg | 0.60 | 0.039 | 1 | 06/04/10 12:10 | 06/07/10 12:04 | 7440-47-3 | |
| Lead | 10.4 | mg/kg | 1.2 | 0.12 | 1 | 06/04/10 12:10 | 06/07/10 12:04 | 7439-92-1 | |
| Selenium | 0.63J | mg/kg | 2.4 | 0.20 | 1 | 06/04/10 12:10 | 06/07/10 12:04 | 7782-49-2 | |
| Silver | 0.11J | mg/kg | 1.2 | 0.054 | 1 | 06/04/10 12:10 | 06/07/10 12:04 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.035 | mg/kg | 0.013 | 0.0023 | 1 | 06/07/10 11:02 | 06/07/10 14:42 | 7439-97-6 | 1q |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | 635 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 83-32-9 | |
| Acenaphthylene | <23.2 | ug/kg | 217 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 208-96-8 | |
| Anthracene | 790 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 120-12-7 | |
| Benzo(a)anthracene | 234 | ug/kg | 217 | 24.4 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 56-55-3 | |
| Benzo(a)pyrene | 206J | ug/kg | 217 | 26.2 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 50-32-8 | |
| Benzo(b)fluoranthene | 223 | ug/kg | 217 | 25.5 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 205-99-2 | |
| Benzo(g,h,i)perylene | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 191-24-2 | |
| Benzo(k)fluoranthene | 235 | ug/kg | 217 | 34.1 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 207-08-9 | |
| Benzyl alcohol | <27.0 | ug/kg | 432 | 27.0 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <22.9 | ug/kg | 217 | 22.9 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 101-55-3 | |
| Butylbenzylphthalate | <48.7 | ug/kg | 217 | 48.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <22.1 | ug/kg | 217 | 22.1 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 59-50-7 | L2 |
| 4-Chloroaniline | <108 | ug/kg | 432 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <26.1 | ug/kg | 217 | 26.1 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 111-44-4 | |
| 2-Chloronaphthalene | <22.5 | ug/kg | 217 | 22.5 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 91-58-7 | |
| 2-Chlorophenol | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 7005-72-3 | |
| Chrysene | 302 | ug/kg | 217 | 31.6 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 218-01-9 | |
| Dibenz(a,h)anthracene | <39.6 | ug/kg | 217 | 39.6 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 53-70-3 | |
| Dibenzofuran | 844 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <15.7 | ug/kg | 217 | 15.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 91-94-1 | |
| 2,4-Dichlorophenol | <18.5 | ug/kg | 217 | 18.5 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 120-83-2 | |
| Diethylphthalate | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 84-66-2 | |
| 2,4-Dimethylphenol | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 105-67-9 | |
| Dimethylphthalate | <22.7 | ug/kg | 217 | 22.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 131-11-3 | |
| Di-n-butylphthalate | <36.2 | ug/kg | 217 | 36.2 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 534-52-1 | |
| 2,4-Dinitrophenol | <159 | ug/kg | 866 | 159 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 51-28-5 | |
| 2,4-Dinitrotoluene | <17.0 | ug/kg | 217 | 17.0 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 121-14-2 | |
| 2,6-Dinitrotoluene | <25.0 | ug/kg | 217 | 25.0 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 606-20-2 | |
| Di-n-octylphthalate | <23.6 | ug/kg | 217 | 23.6 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 117-84-0 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 119 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-9 5-7.5 Lab ID: 4032676024 Collected: 06/02/10 11:45 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <44.3 | ug/kg | 217 | 44.3 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 117-81-7 | |
| Fluoranthene | 721 | ug/kg | 217 | 38.3 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 206-44-0 | |
| Fluorene | 824 | ug/kg | 217 | 10.9 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <27.8 | ug/kg | 217 | 27.8 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 87-68-3 | |
| Hexachlorobenzene | <12.7 | ug/kg | 217 | 12.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 118-74-1 | |
| Hexachlorocyclopentadiene | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 77-47-4 | |
| Hexachloroethane | <27.4 | ug/kg | 217 | 27.4 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | 112J | ug/kg | 217 | 29.0 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 193-39-5 | |
| Isophorone | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 78-59-1 | |
| 2-Methylnaphthalene | 655 | ug/kg | 217 | 23.9 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | 32.0J | ug/kg | 217 | 22.6 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | | |
| Naphthalene | 1570 | ug/kg | 217 | 25.3 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 91-20-3 | |
| 2-Nitroaniline | <15.7 | ug/kg | 217 | 15.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 88-74-4 | |
| 3-Nitroaniline | <17.1 | ug/kg | 217 | 17.1 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 99-09-2 | |
| 4-Nitroaniline | <108 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 100-01-6 | |
| Nitrobenzene | <24.9 | ug/kg | 217 | 24.9 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 98-95-3 | |
| 2-Nitrophenol | <25.9 | ug/kg | 217 | 25.9 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 88-75-5 | |
| 4-Nitrophenol | <42.7 | ug/kg | 217 | 42.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <25.7 | ug/kg | 217 | 25.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 621-64-7 | |
| N-Nitrosodiphenylamine | <29.7 | ug/kg | 217 | 29.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 86-30-6 | |
| Pentachlorophenol | <108 | ug/kg | 428 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 87-86-5 | L2 |
| Phenanthrene | 1690 | ug/kg | 217 | 108 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 85-01-8 | |
| Phenol | <25.7 | ug/kg | 217 | 25.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 108-95-2 | |
| Pyrene | 502 | ug/kg | 217 | 52.7 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <67.9 | ug/kg | 217 | 67.9 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <14.3 | ug/kg | 217 | 14.3 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <23.9 | ug/kg | 217 | 23.9 | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 67 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 78 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 321-60-8 | |
| Terphenyl-d14 (S) | 66 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 1718-51-0 | |
| Phenol-d6 (S) | 55 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 13127-88-3 | |
| 2-Fluorophenol (S) | 68 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 89 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 15:18 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 87-61-6 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032676

Sample: B-9 5-7.5 Lab ID: 4032676024 Collected: 06/02/10 11:45 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-09-2 | W |
| Naphthalene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 91-20-3 | W |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-9 5-7.5 **Lab ID: 4032676024** Collected: 06/02/10 11:45 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 89 | %- | 67-143 | | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 1868-53-7 | |
| Toluene-d8 (S) | 103 | %- | 67-132 | | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 92 | %- | 55-141 | | 1 | 06/07/10 13:14 | 06/07/10 14:04 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 23.0 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:11 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | 0.52 | mg/kg | 0.49 | 0.27 | 1 | 06/15/10 10:24 | 06/15/10 18:18 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-11 0-2.5 Lab ID: 4032676025 Collected: 06/02/10 10:25 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 7.5 | mg/kg | 2.3 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 12:09 | 7440-38-2 | |
| Barium | 58.6 | mg/kg | 0.58 | 0.052 | 1 | 06/04/10 12:10 | 06/07/10 12:09 | 7440-39-3 | |
| Cadmium | 0.28J | mg/kg | 0.58 | 0.031 | 1 | 06/04/10 12:10 | 06/07/10 12:09 | 7440-43-9 | |
| Chromium | 29.7 | mg/kg | 0.58 | 0.037 | 1 | 06/04/10 12:10 | 06/07/10 12:09 | 7440-47-3 | |
| Lead | 12.4 | mg/kg | 1.2 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 12:09 | 7439-92-1 | |
| Selenium | 0.27J | mg/kg | 2.3 | 0.19 | 1 | 06/04/10 12:10 | 06/07/10 12:09 | 7782-49-2 | |
| Silver | 0.14J | mg/kg | 1.2 | 0.052 | 1 | 06/04/10 12:10 | 06/07/10 12:09 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.047 | mg/kg | 0.012 | 0.0022 | 1 | 06/07/10 11:02 | 06/07/10 14:46 | 7439-97-6 | 1q |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 83-32-9 | |
| Acenaphthylene | <22.2 | ug/kg | 207 | 22.2 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 208-96-8 | |
| Anthracene | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 120-12-7 | |
| Benzo(a)anthracene | <23.2 | ug/kg | 207 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 56-55-3 | |
| Benzo(a)pyrene | <25.0 | ug/kg | 207 | 25.0 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 50-32-8 | |
| Benzo(b)fluoranthene | <24.4 | ug/kg | 207 | 24.4 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 205-99-2 | |
| Benzo(g,h,i)perylene | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 191-24-2 | |
| Benzo(k)fluoranthene | <32.6 | ug/kg | 207 | 32.6 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 207-08-9 | |
| Benzyl alcohol | <25.7 | ug/kg | 412 | 25.7 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <21.9 | ug/kg | 207 | 21.9 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 101-55-3 | |
| Butylbenzylphthalate | <46.5 | ug/kg | 207 | 46.5 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <21.1 | ug/kg | 207 | 21.1 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 59-50-7 | L2 |
| 4-Chloroaniline | <103 | ug/kg | 412 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.9 | ug/kg | 207 | 24.9 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 111-44-4 | |
| 2-Chloronaphthalene | <21.5 | ug/kg | 207 | 21.5 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 91-58-7 | |
| 2-Chlorophenol | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 7005-72-3 | |
| Chrysene | <30.1 | ug/kg | 207 | 30.1 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 218-01-9 | |
| Dibenz(a,h)anthracene | <37.8 | ug/kg | 207 | 37.8 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 53-70-3 | |
| Dibenzofuran | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <15.0 | ug/kg | 207 | 15.0 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.6 | ug/kg | 207 | 17.6 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 120-83-2 | |
| Diethylphthalate | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 84-66-2 | |
| 2,4-Dimethylphenol | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 105-67-9 | |
| Dimethylphthalate | <21.7 | ug/kg | 207 | 21.7 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 131-11-3 | |
| Di-n-butylphthalate | <34.6 | ug/kg | 207 | 34.6 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 534-52-1 | |
| 2,4-Dinitrophenol | <152 | ug/kg | 826 | 152 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 51-28-5 | |
| 2,4-Dinitrotoluene | <16.2 | ug/kg | 207 | 16.2 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 121-14-2 | |
| 2,6-Dinitrotoluene | <23.8 | ug/kg | 207 | 23.8 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 606-20-2 | |
| Di-n-octylphthalate | <22.6 | ug/kg | 207 | 22.6 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-11 0-2.5 Lab ID: 4032676025 Collected: 06/02/10 10:25 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <42.3 | ug/kg | 207 | 42.3 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 117-81-7 | |
| Fluoranthene | <36.5 | ug/kg | 207 | 36.5 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 206-44-0 | |
| Fluorene | <10.4 | ug/kg | 207 | 10.4 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <26.6 | ug/kg | 207 | 26.6 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 87-68-3 | |
| Hexachlorobenzene | <12.1 | ug/kg | 207 | 12.1 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 118-74-1 | |
| Hexachlorocyclopentadiene | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 77-47-4 | |
| Hexachloroethane | <26.1 | ug/kg | 207 | 26.1 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <27.7 | ug/kg | 207 | 27.7 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 193-39-5 | |
| Isophorone | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 78-59-1 | |
| 2-Methylnaphthalene | <22.8 | ug/kg | 207 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <21.5 | ug/kg | 207 | 21.5 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | | |
| Naphthalene | 42.4J | ug/kg | 207 | 24.2 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 91-20-3 | |
| 2-Nitroaniline | <15.0 | ug/kg | 207 | 15.0 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 88-74-4 | |
| 3-Nitroaniline | <16.4 | ug/kg | 207 | 16.4 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 99-09-2 | |
| 4-Nitroaniline | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 100-01-6 | |
| Nitrobenzene | <23.7 | ug/kg | 207 | 23.7 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 98-95-3 | |
| 2-Nitrophenol | <24.7 | ug/kg | 207 | 24.7 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 88-75-5 | |
| 4-Nitrophenol | <40.7 | ug/kg | 207 | 40.7 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <24.5 | ug/kg | 207 | 24.5 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 621-64-7 | |
| N-Nitrosodiphenylamine | <28.4 | ug/kg | 207 | 28.4 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 86-30-6 | |
| Pentachlorophenol | <103 | ug/kg | 409 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 87-86-5 | L2 |
| Phenanthrene | <103 | ug/kg | 207 | 103 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 85-01-8 | |
| Phenol | <24.5 | ug/kg | 207 | 24.5 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 108-95-2 | |
| Pyrene | <50.3 | ug/kg | 207 | 50.3 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <64.7 | ug/kg | 207 | 64.7 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.6 | ug/kg | 207 | 13.6 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.8 | ug/kg | 207 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 60 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 75 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 321-60-8 | |
| Terphenyl-d14 (S) | 56 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 1718-51-0 | |
| Phenol-d6 (S) | 39 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 13127-88-3 | |
| 2-Fluorophenol (S) | 50 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 57 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 03:58 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 87-61-6 | W |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 124 of 174

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Sample Project No.: 4032676

Sample: B-11 0-2.5 Lab ID: 4032676025 Collected: 06/02/10 10:25 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-09-2 | W |
| Naphthalene | 179 | ug/kg | 74.3 | 31.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-11 0-2.5 **Lab ID: 4032676025** Collected: 06/02/10 10:25 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 105 | %- | 67-143 | | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 1868-53-7 | |
| Toluene-d8 (S) | 120 | %- | 67-132 | | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 108 | %- | 55-141 | | 1 | 06/07/10 13:14 | 06/07/10 14:27 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 19.3 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:11 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.26 | mg/kg | 0.48 | 0.26 | 1 | 06/15/10 10:24 | 06/15/10 18:22 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-12 7-9 Lab ID: 4032676026 Collected: 06/02/10 09:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|---------|--------|------|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 7.1 | mg/kg | 2.5 | 0.12 | 1 | 06/04/10 12:10 | 06/07/10 12:13 | 7440-38-2 | |
| Barium | 45.7 | mg/kg | 0.63 | 0.057 | 1 | 06/04/10 12:10 | 06/07/10 12:13 | 7440-39-3 | |
| Cadmium | 0.32J | mg/kg | 0.63 | 0.033 | 1 | 06/04/10 12:10 | 06/07/10 12:13 | 7440-43-9 | |
| Chromium | 14.6 | mg/kg | 0.63 | 0.040 | 1 | 06/04/10 12:10 | 06/07/10 12:13 | 7440-47-3 | |
| Lead | 7.0 | mg/kg | 1.3 | 0.12 | 1 | 06/04/10 12:10 | 06/07/10 12:13 | 7439-92-1 | |
| Selenium | 0.68J | mg/kg | 2.5 | 0.20 | 1 | 06/04/10 12:10 | 06/07/10 12:13 | 7782-49-2 | |
| Silver | 0.12J | mg/kg | 1.3 | 0.056 | 1 | 06/04/10 12:10 | 06/07/10 12:13 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.037 | mg/kg | 0.013 | 0.0024 | 1 | 06/07/10 11:02 | 06/07/10 14:47 | 7439-97-6 | 1q |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | 321000J | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 83-32-9 | |
| Acenaphthylene | 173000J | ug/kg | 563000 | 60300 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 208-96-8 | |
| Anthracene | 345000J | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 120-12-7 | |
| Benzo(a)anthracene | 176000J | ug/kg | 563000 | 63300 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 56-55-3 | |
| Benzo(a)pyrene | 145000J | ug/kg | 563000 | 68200 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 50-32-8 | |
| Benzo(b)fluoranthene | 120000J | ug/kg | 563000 | 66400 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 205-99-2 | |
| Benzo(g,h,i)perylene | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 191-24-2 | |
| Benzo(k)fluoranthene | 193000J | ug/kg | 563000 | 88700 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 207-08-9 | |
| Benzyl alcohol | <70100 | ug/kg | 1120000 | 70100 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <59600 | ug/kg | 563000 | 59600 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 101-55-3 | |
| Butylbenzylphthalate | <127000 | ug/kg | 563000 | 127000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <57400 | ug/kg | 563000 | 57400 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 59-50-7 | L2 |
| 4-Chloroaniline | <281000 | ug/kg | 1120000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <67900 | ug/kg | 563000 | 67900 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 111-44-4 | |
| 2-Chloronaphthalene | <58500 | ug/kg | 563000 | 58500 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 91-58-7 | |
| 2-Chlorophenol | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 7005-72-3 | |
| Chrysene | 278000J | ug/kg | 563000 | 82000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 218-01-9 | |
| Dibenz(a,h)anthracene | <103000 | ug/kg | 563000 | 103000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 53-70-3 | |
| Dibenzofuran | 364000J | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <40800 | ug/kg | 563000 | 40800 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 91-94-1 | |
| 2,4-Dichlorophenol | <48000 | ug/kg | 563000 | 48000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 120-83-2 | |
| Diethylphthalate | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 84-66-2 | |
| 2,4-Dimethylphenol | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 105-67-9 | |
| Dimethylphthalate | <59000 | ug/kg | 563000 | 59000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 131-11-3 | |
| Di-n-butylphthalate | <94100 | ug/kg | 563000 | 94100 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 534-52-1 | |
| 2,4-Dinitrophenol | <413000 | ug/kg | 2250000 | 413000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 51-28-5 | |
| 2,4-Dinitrotoluene | <44200 | ug/kg | 563000 | 44200 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 121-14-2 | |
| 2,6-Dinitrotoluene | <65000 | ug/kg | 563000 | 65000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 606-20-2 | |
| Di-n-octylphthalate | <61400 | ug/kg | 563000 | 61400 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-12 7-9 Lab ID: 4032676026 Collected: 06/02/10 09:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|---------|--------|------|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <115000 | ug/kg | 563000 | 115000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 117-81-7 | |
| Fluoranthene | 763000 | ug/kg | 563000 | 99500 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 206-44-0 | |
| Fluorene | 419000J | ug/kg | 563000 | 28300 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <72400 | ug/kg | 563000 | 72400 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 87-68-3 | |
| Hexachlorobenzene | <33100 | ug/kg | 563000 | 33100 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 118-74-1 | |
| Hexachlorocyclopentadiene | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 77-47-4 | |
| Hexachloroethane | <71200 | ug/kg | 563000 | 71200 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <75400 | ug/kg | 563000 | 75400 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 193-39-5 | |
| Isophorone | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 78-59-1 | |
| 2-Methylnaphthalene | 635000 | ug/kg | 563000 | 62000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <58600 | ug/kg | 563000 | 58600 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | | |
| Naphthalene | 6320000 | ug/kg | 563000 | 65800 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 91-20-3 | |
| 2-Nitroaniline | <40700 | ug/kg | 563000 | 40700 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 88-74-4 | |
| 3-Nitroaniline | <44600 | ug/kg | 563000 | 44600 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 99-09-2 | |
| 4-Nitroaniline | <281000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 100-01-6 | |
| Nitrobenzene | <64600 | ug/kg | 563000 | 64600 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 98-95-3 | |
| 2-Nitrophenol | <67300 | ug/kg | 563000 | 67300 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 88-75-5 | |
| 4-Nitrophenol | <111000 | ug/kg | 563000 | 111000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <66700 | ug/kg | 563000 | 66700 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 621-64-7 | |
| N-Nitrosodiphenylamine | <77200 | ug/kg | 563000 | 77200 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 86-30-6 | |
| Pentachlorophenol | <281000 | ug/kg | 1110000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 87-86-5 | L2 |
| Phenanthrene | 1250000 | ug/kg | 563000 | 281000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 85-01-8 | |
| Phenol | <66800 | ug/kg | 563000 | 66800 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 108-95-2 | |
| Pyrene | 541000J | ug/kg | 563000 | 137000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <176000 | ug/kg | 563000 | 176000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <37000 | ug/kg | 563000 | 37000 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <62100 | ug/kg | 563000 | 62100 | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 13127-88-3 | S4 |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 2500 | 06/10/10 09:48 | 06/11/10 10:56 | 118-79-6 | S4 |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|--------|-------|-------|-------|------|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 79-00-5 | W |
| 1,1-Dichloroethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-34-3 | W |
| 1,1-Dichloroethene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-35-4 | W |
| 1,1-Dichloropropene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 87-61-6 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-12 7-9 Lab ID: 4032676026 Collected: 06/02/10 09:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|-------|------|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 145000 | ug/kg | 81000 | 33700 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <82300 | ug/kg | 250000 | 82300 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44400 | ug/kg | 60000 | 44400 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 95-50-1 | W |
| 1,2-Dichloroethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 107-06-2 | W |
| 1,2-Dichloropropane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 132000 | ug/kg | 81000 | 33700 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 108-67-8 | |
| 1,3-Dichlorobenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 541-73-1 | W |
| 1,3-Dichloropropane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 106-46-7 | W |
| 2,2-Dichloropropane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 594-20-7 | W |
| 2-Chlorotoluene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 95-49-8 | W |
| 4-Chlorotoluene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 106-43-4 | W |
| Benzene | 34100J | ug/kg | 81000 | 33700 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 71-43-2 | |
| Bromobenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 108-86-1 | W |
| Bromochloromethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 74-97-5 | W |
| Bromodichloromethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-27-4 | W |
| Bromoform | <25900 | ug/kg | 60000 | 25900 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-25-2 | W |
| Bromomethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 74-83-9 | W |
| Carbon tetrachloride | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 56-23-5 | W |
| Chlorobenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 108-90-7 | W |
| Chloroethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-00-3 | W |
| Chloroform | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 67-66-3 | W |
| Chloromethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 74-87-3 | W |
| Dibromochloromethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 124-48-1 | W |
| Dibromomethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 74-95-3 | W |
| Dichlorodifluoromethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-71-8 | W |
| Diisopropyl ether | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 108-20-3 | W |
| Ethylbenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26400 | ug/kg | 60000 | 26400 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 1634-04-4 | W |
| Methylene Chloride | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-09-2 | W |
| Naphthalene | 8730000 | ug/kg | 81000 | 33700 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 91-20-3 | |
| Styrene | 101000 | ug/kg | 81000 | 33700 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 100-42-5 | |
| Tetrachloroethene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 127-18-4 | W |
| Toluene | 83800 | ug/kg | 81000 | 33700 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 108-88-3 | |
| Trichloroethene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 79-01-6 | W |
| Trichlorofluoromethane | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-69-4 | W |
| Vinyl chloride | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 10061-01-5 | W |
| m&p-Xylene | 103000J | ug/kg | 162000 | 67500 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 179601-23-1 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-12 7-9 **Lab ID: 4032676026** Collected: 06/02/10 09:15 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|-------|------|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40400 | ug/kg | 60000 | 40400 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 104-51-8 | W |
| n-Propylbenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 103-65-1 | W |
| o-Xylene | 72300J | ug/kg | 81000 | 33700 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 95-47-6 | |
| p-Isopropyltoluene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 99-87-6 | W |
| sec-Butylbenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 135-98-8 | W |
| tert-Butylbenzene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25000 | ug/kg | 60000 | 25000 | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 0 %- | | 67-143 | | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 1868-53-7 | S4 |
| Toluene-d8 (S) | 0 %- | | 67-132 | | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 2037-26-5 | S4 |
| 4-Bromofluorobenzene (S) | 0 %- | | 55-141 | | 1000 | 06/07/10 13:14 | 06/07/10 20:57 | 460-00-4 | S4 |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 25.9 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:11 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.40 | mg/kg | 0.74 | 0.40 | 1 | 06/15/10 10:24 | 06/15/10 18:22 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-12 13-15 **Lab ID: 4032676027** Collected: 06/02/10 09:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 3.8 | mg/kg | 2.3 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 12:17 | 7440-38-2 | |
| Barium | 68.8 | mg/kg | 0.57 | 0.051 | 1 | 06/04/10 12:10 | 06/07/10 12:17 | 7440-39-3 | |
| Cadmium | 0.23J | mg/kg | 0.57 | 0.030 | 1 | 06/04/10 12:10 | 06/07/10 12:17 | 7440-43-9 | |
| Chromium | 20.4 | mg/kg | 0.57 | 0.036 | 1 | 06/04/10 12:10 | 06/07/10 12:17 | 7440-47-3 | |
| Lead | 6.3 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 12:17 | 7439-92-1 | |
| Selenium | 0.20J | mg/kg | 2.3 | 0.18 | 1 | 06/04/10 12:10 | 06/07/10 12:17 | 7782-49-2 | |
| Silver | 0.13J | mg/kg | 1.1 | 0.051 | 1 | 06/04/10 12:10 | 06/07/10 12:17 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.0090J | mg/kg | 0.012 | 0.0021 | 1 | 06/07/10 11:02 | 06/07/10 14:48 | 7439-97-6 | 1q |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 83-32-9 | |
| Acenaphthylene | <21.6 | ug/kg | 202 | 21.6 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 208-96-8 | |
| Anthracene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 120-12-7 | |
| Benzo(a)anthracene | <22.7 | ug/kg | 202 | 22.7 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 56-55-3 | |
| Benzo(a)pyrene | <24.4 | ug/kg | 202 | 24.4 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 50-32-8 | |
| Benzo(b)fluoranthene | <23.8 | ug/kg | 202 | 23.8 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 205-99-2 | |
| Benzo(g,h,i)perylene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 191-24-2 | |
| Benzo(k)fluoranthene | <31.7 | ug/kg | 202 | 31.7 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 207-08-9 | |
| Benzyl alcohol | <25.1 | ug/kg | 402 | 25.1 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <21.3 | ug/kg | 202 | 21.3 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 101-55-3 | |
| Butylbenzylphthalate | <45.3 | ug/kg | 202 | 45.3 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <20.5 | ug/kg | 202 | 20.5 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 59-50-7 | L2 |
| 4-Chloroaniline | <101 | ug/kg | 402 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <24.3 | ug/kg | 202 | 24.3 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 111-44-4 | |
| 2-Chloronaphthalene | <20.9 | ug/kg | 202 | 20.9 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 91-58-7 | |
| 2-Chlorophenol | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 7005-72-3 | |
| Chrysene | <29.4 | ug/kg | 202 | 29.4 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 218-01-9 | |
| Dibenz(a,h)anthracene | <36.8 | ug/kg | 202 | 36.8 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 53-70-3 | |
| Dibenzofuran | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <14.6 | ug/kg | 202 | 14.6 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 91-94-1 | |
| 2,4-Dichlorophenol | <17.2 | ug/kg | 202 | 17.2 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 120-83-2 | |
| Diethylphthalate | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 84-66-2 | |
| 2,4-Dimethylphenol | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 105-67-9 | |
| Dimethylphthalate | <21.1 | ug/kg | 202 | 21.1 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 131-11-3 | |
| Di-n-butylphthalate | <33.7 | ug/kg | 202 | 33.7 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 534-52-1 | |
| 2,4-Dinitrophenol | <148 | ug/kg | 805 | 148 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.8 | ug/kg | 202 | 15.8 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 121-14-2 | |
| 2,6-Dinitrotoluene | <23.2 | ug/kg | 202 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 606-20-2 | |
| Di-n-octylphthalate | <22.0 | ug/kg | 202 | 22.0 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-12 13-15 **Lab ID: 4032676027** Collected: 06/02/10 09:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <41.2 | ug/kg | 202 | 41.2 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 117-81-7 | |
| Fluoranthene | 36.8J | ug/kg | 202 | 35.6 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 206-44-0 | |
| Fluorene | 31.8J | ug/kg | 202 | 10.1 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <25.9 | ug/kg | 202 | 25.9 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 87-68-3 | |
| Hexachlorobenzene | <11.8 | ug/kg | 202 | 11.8 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 118-74-1 | |
| Hexachlorocyclopentadiene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 77-47-4 | |
| Hexachloroethane | <25.5 | ug/kg | 202 | 25.5 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <27.0 | ug/kg | 202 | 27.0 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 193-39-5 | |
| Isophorone | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 78-59-1 | |
| 2-Methylnaphthalene | 103J | ug/kg | 202 | 22.2 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <21.0 | ug/kg | 202 | 21.0 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | | |
| Naphthalene | 905 | ug/kg | 202 | 23.5 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 91-20-3 | |
| 2-Nitroaniline | <14.6 | ug/kg | 202 | 14.6 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 88-74-4 | |
| 3-Nitroaniline | <15.9 | ug/kg | 202 | 15.9 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 99-09-2 | |
| 4-Nitroaniline | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 100-01-6 | |
| Nitrobenzene | <23.1 | ug/kg | 202 | 23.1 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 98-95-3 | |
| 2-Nitrophenol | <24.1 | ug/kg | 202 | 24.1 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 88-75-5 | |
| 4-Nitrophenol | <39.7 | ug/kg | 202 | 39.7 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <23.9 | ug/kg | 202 | 23.9 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 621-64-7 | |
| N-Nitrosodiphenylamine | <27.6 | ug/kg | 202 | 27.6 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 86-30-6 | |
| Pentachlorophenol | <101 | ug/kg | 398 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 87-86-5 | L2 |
| Phenanthrene | <101 | ug/kg | 202 | 101 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 85-01-8 | |
| Phenol | <23.9 | ug/kg | 202 | 23.9 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 108-95-2 | |
| Pyrene | <49.0 | ug/kg | 202 | 49.0 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <63.1 | ug/kg | 202 | 63.1 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <13.2 | ug/kg | 202 | 13.2 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <22.2 | ug/kg | 202 | 22.2 | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 67 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 86 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 321-60-8 | |
| Terphenyl-d14 (S) | 59 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 1718-51-0 | |
| Phenol-d6 (S) | 58 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 13127-88-3 | |
| 2-Fluorophenol (S) | 66 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 62 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 04:30 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 87-61-6 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Lab Project No.: 4032676

Sample: B-12 13-15 Lab ID: 4032676027 Collected: 06/02/10 09:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-09-2 | W |
| Naphthalene | 187 | ug/kg | 72.4 | 30.2 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-12 13-15 **Lab ID: 4032676027** Collected: 06/02/10 09:20 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 86 | %- | 67-143 | | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 1868-53-7 | |
| Toluene-d8 (S) | 100 | %- | 67-132 | | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 87 | %- | 55-141 | | 1 | 06/07/10 13:14 | 06/07/10 14:50 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 17.1 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:12 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.27 | mg/kg | 0.48 | 0.27 | 1 | 06/15/10 10:24 | 06/15/10 18:25 | 57-12-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: **B-10 5-7.5** Lab ID: **4032676028** Collected: 06/02/10 09:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|-------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | |
| Arsenic | 5.3 | mg/kg | 2.2 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 12:21 | 7440-38-2 | |
| Barium | 45.9 | mg/kg | 0.56 | 0.050 | 1 | 06/04/10 12:10 | 06/07/10 12:21 | 7440-39-3 | |
| Cadmium | 0.20J | mg/kg | 0.56 | 0.029 | 1 | 06/04/10 12:10 | 06/07/10 12:21 | 7440-43-9 | |
| Chromium | 19.4 | mg/kg | 0.56 | 0.036 | 1 | 06/04/10 12:10 | 06/07/10 12:21 | 7440-47-3 | |
| Lead | 7.1 | mg/kg | 1.1 | 0.11 | 1 | 06/04/10 12:10 | 06/07/10 12:21 | 7439-92-1 | |
| Selenium | 0.36J | mg/kg | 2.2 | 0.18 | 1 | 06/04/10 12:10 | 06/07/10 12:21 | 7782-49-2 | |
| Silver | 0.14J | mg/kg | 1.1 | 0.050 | 1 | 06/04/10 12:10 | 06/07/10 12:21 | 7440-22-4 | |
| 7471 Mercury | | Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | |
| Mercury | 0.0075J | mg/kg | 0.011 | 0.0020 | 1 | 06/07/10 11:02 | 06/07/10 14:50 | 7439-97-6 | 1q |
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Acenaphthene | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 83-32-9 | |
| Acenaphthylene | <20.6 | ug/kg | 193 | 20.6 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 208-96-8 | |
| Anthracene | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 120-12-7 | |
| Benzo(a)anthracene | 32.2J | ug/kg | 193 | 21.6 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 56-55-3 | |
| Benzo(a)pyrene | <23.3 | ug/kg | 193 | 23.3 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 50-32-8 | |
| Benzo(b)fluoranthene | 26.1J | ug/kg | 193 | 22.7 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 205-99-2 | |
| Benzo(g,h,i)perylene | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 191-24-2 | |
| Benzo(k)fluoranthene | <30.3 | ug/kg | 193 | 30.3 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 207-08-9 | |
| Benzyl alcohol | <24.0 | ug/kg | 384 | 24.0 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <20.4 | ug/kg | 193 | 20.4 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 101-55-3 | |
| Butylbenzylphthalate | <43.3 | ug/kg | 193 | 43.3 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <19.6 | ug/kg | 193 | 19.6 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 59-50-7 | L2 |
| 4-Chloroaniline | <96.1 | ug/kg | 384 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <23.2 | ug/kg | 193 | 23.2 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 111-44-4 | |
| 2-Chloronaphthalene | <20.0 | ug/kg | 193 | 20.0 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 91-58-7 | |
| 2-Chlorophenol | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 7005-72-3 | |
| Chrysene | 48.8J | ug/kg | 193 | 28.0 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 218-01-9 | |
| Dibenz(a,h)anthracene | <35.2 | ug/kg | 193 | 35.2 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 53-70-3 | |
| Dibenzofuran | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <13.9 | ug/kg | 193 | 13.9 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 91-94-1 | |
| 2,4-Dichlorophenol | <16.4 | ug/kg | 193 | 16.4 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 120-83-2 | |
| Diethylphthalate | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 84-66-2 | |
| 2,4-Dimethylphenol | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 105-67-9 | |
| Dimethylphthalate | <20.2 | ug/kg | 193 | 20.2 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 131-11-3 | |
| Di-n-butylphthalate | <32.2 | ug/kg | 193 | 32.2 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 534-52-1 | |
| 2,4-Dinitrophenol | <141 | ug/kg | 769 | 141 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 51-28-5 | |
| 2,4-Dinitrotoluene | <15.1 | ug/kg | 193 | 15.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 121-14-2 | |
| 2,6-Dinitrotoluene | <22.2 | ug/kg | 193 | 22.2 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 606-20-2 | |
| Di-n-octylphthalate | <21.0 | ug/kg | 193 | 21.0 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 117-84-0 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-10 5-7.5 Lab ID: 4032676028 Collected: 06/02/10 09:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| MICROWAVE | | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | <39.3 | ug/kg | 193 | 39.3 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 117-81-7 | |
| Fluoranthene | 92.3J | ug/kg | 193 | 34.0 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 206-44-0 | |
| Fluorene | 42.3J | ug/kg | 193 | 9.7 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <24.7 | ug/kg | 193 | 24.7 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 87-68-3 | |
| Hexachlorobenzene | <11.3 | ug/kg | 193 | 11.3 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 118-74-1 | |
| Hexachlorocyclopentadiene | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 77-47-4 | |
| Hexachloroethane | <24.3 | ug/kg | 193 | 24.3 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <25.8 | ug/kg | 193 | 25.8 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 193-39-5 | |
| Isophorone | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 78-59-1 | |
| 2-Methylnaphthalene | 73.7J | ug/kg | 193 | 21.2 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <20.0 | ug/kg | 193 | 20.0 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | | |
| Naphthalene | 444 | ug/kg | 193 | 22.5 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 91-20-3 | |
| 2-Nitroaniline | <13.9 | ug/kg | 193 | 13.9 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 88-74-4 | |
| 3-Nitroaniline | <15.2 | ug/kg | 193 | 15.2 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 99-09-2 | |
| 4-Nitroaniline | <96.1 | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 100-01-6 | |
| Nitrobenzene | <22.1 | ug/kg | 193 | 22.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 98-95-3 | |
| 2-Nitrophenol | <23.0 | ug/kg | 193 | 23.0 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 88-75-5 | |
| 4-Nitrophenol | <37.9 | ug/kg | 193 | 37.9 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <22.8 | ug/kg | 193 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 621-64-7 | |
| N-Nitrosodiphenylamine | <26.4 | ug/kg | 193 | 26.4 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 86-30-6 | |
| Pentachlorophenol | <96.1 | ug/kg | 380 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 87-86-5 | L2 |
| Phenanthrene | 148J | ug/kg | 193 | 96.1 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 85-01-8 | |
| Phenol | <22.8 | ug/kg | 193 | 22.8 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 108-95-2 | |
| Pyrene | 67.0J | ug/kg | 193 | 46.8 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <60.3 | ug/kg | 193 | 60.3 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <12.7 | ug/kg | 193 | 12.7 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <21.2 | ug/kg | 193 | 21.2 | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 57 | %- | 37-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 80 | %- | 46-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 321-60-8 | |
| Terphenyl-d14 (S) | 67 | %- | 27-135 | | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 1718-51-0 | |
| Phenol-d6 (S) | 48 | %- | 30-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 13127-88-3 | |
| 2-Fluorophenol (S) | 56 | %- | 28-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 68 | %- | 23-130 | | 1 | 06/10/10 09:48 | 06/11/10 05:03 | 118-79-6 | |

8260 MSV Med Level Normal List

Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

| | | | | | | | | | |
|---------------------------|-------|-------|------|------|---|----------------|----------------|----------|---|
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 71-55-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 87-61-6 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

Sample: B-10 5-7.5 Lab ID: 4032676028 Collected: 06/02/10 09:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 95-63-6 | W |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 108-67-8 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-09-2 | W |
| Naphthalene | 453 | ug/kg | 69.2 | 28.8 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 179601-23-1 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

Sample: B-10 5-7.5 **Lab ID: 4032676028** Collected: 06/02/10 09:40 Received: 06/03/10 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 86 | %- | 67-143 | | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 1868-53-7 | |
| Toluene-d8 (S) | 99 | %- | 67-132 | | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 88 | %- | 55-141 | | 1 | 06/07/10 13:14 | 06/07/10 15:13 | 460-00-4 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 13.2 | % | 0.10 | 0.10 | 1 | | 06/04/10 08:12 | | |
| 9012 Cyanide, Total | | Analytical Method: EPA 9012 Preparation Method: EPA 9012A | | | | | | | |
| Cyanide | <0.22 | mg/kg | 0.41 | 0.22 | 1 | 06/15/10 10:24 | 06/15/10 18:25 | 57-12-5 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

QC Batch: MPRP/4062 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009,
 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017,
 4032676018, 4032676019, 4032676020

METHOD BLANK: 309113 Matrix: Solid

Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009,
 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017,
 4032676018, 4032676019, 4032676020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | mg/kg | <0.096 | 2.0 | 06/07/10 03:43 | |
| Barium | mg/kg | <0.045 | 0.50 | 06/07/10 03:43 | |
| Cadmium | mg/kg | <0.026 | 0.50 | 06/07/10 03:43 | |
| Chromium | mg/kg | 0.047J | 0.50 | 06/07/10 03:43 | |
| Lead | mg/kg | <0.097 | 1.0 | 06/07/10 03:43 | |
| Selenium | mg/kg | <0.16 | 2.0 | 06/07/10 03:43 | |
| Silver | mg/kg | <0.045 | 1.0 | 06/07/10 03:43 | |

LABORATORY CONTROL SAMPLE: 309114

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | mg/kg | 50 | 46.4 | 93 | 80-120 | |
| Barium | mg/kg | 50 | 46.9 | 94 | 80-120 | |
| Cadmium | mg/kg | 50 | 46.7 | 93 | 80-120 | |
| Chromium | mg/kg | 50 | 50.2 | 100 | 80-120 | |
| Lead | mg/kg | 50 | 48.6 | 97 | 80-120 | |
| Selenium | mg/kg | 50 | 46.0 | 92 | 80-120 | |
| Silver | mg/kg | 25 | 21.9 | 87 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 309144 309145

| Parameter | Units | 4032690002 | | 309144 | | 309145 | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|-----------|-------|------------|----------------|-----------------|-----------|------------|----------|-------|--------|-------|--------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | | | | | | | |
| Arsenic | mg/kg | 2.0J | 61.3 | 61.7 | 62.1 | 60.3 | 98 | 95 | 75-125 | 3 | 20 | | | |
| Barium | mg/kg | 10.0 | 61.3 | 61.7 | 76.8 | 73.7 | 109 | 103 | 75-125 | 4 | 20 | | | |
| Cadmium | mg/kg | 0.10J | 61.3 | 61.7 | 65.3 | 60.1 | 106 | 97 | 75-125 | 8 | 20 | | | |
| Chromium | mg/kg | 6.9 | 61.3 | 61.7 | 67.7 | 68.9 | 99 | 101 | 75-125 | 2 | 20 | | | |
| Lead | mg/kg | 22.7 | 61.3 | 61.7 | 70.8 | 70.1 | 78 | 77 | 75-125 | 1 | 20 | | | |
| Selenium | mg/kg | 0.42J | 61.3 | 61.7 | 58.8 | 58.8 | 95 | 95 | 75-125 | .01 | 20 | | | |
| Silver | mg/kg | <0.055 | 30.7 | 30.8 | 28.6 | 28.2 | 93 | 91 | 75-125 | 2 | 20 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Project No.: 4032676

QC Batch: MPRP/4063 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 4032676021, 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

METHOD BLANK: 309117 Matrix: Solid
 Associated Lab Samples: 4032676021, 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | mg/kg | <0.096 | 2.0 | 06/07/10 11:08 | |
| Barium | mg/kg | <0.045 | 0.50 | 06/07/10 11:08 | |
| Cadmium | mg/kg | <0.026 | 0.50 | 06/07/10 11:08 | |
| Chromium | mg/kg | 0.058J | 0.50 | 06/07/10 11:08 | |
| Lead | mg/kg | 0.10J | 1.0 | 06/07/10 11:08 | |
| Selenium | mg/kg | <0.16 | 2.0 | 06/07/10 11:08 | |
| Silver | mg/kg | <0.045 | 1.0 | 06/07/10 11:08 | |

LABORATORY CONTROL SAMPLE: 309118

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | mg/kg | 50 | 50.2 | 100 | 80-120 | |
| Barium | mg/kg | 50 | 52.3 | 105 | 80-120 | |
| Cadmium | mg/kg | 50 | 50.4 | 101 | 80-120 | |
| Chromium | mg/kg | 50 | 57.2 | 114 | 80-120 | |
| Lead | mg/kg | 50 | 50.3 | 101 | 80-120 | |
| Selenium | mg/kg | 50 | 48.1 | 96 | 80-120 | |
| Silver | mg/kg | 25 | 24.0 | 96 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 309121 309122

| Parameter | Units | 4032719001 | | MS | | MSD | | MS | | MSD | | % Rec | | Max | |
|-----------|-------|------------|-------------|-------------|--------|--------|-------|-------|--------|-----|-----|-------|--|-----|--|
| | | Result | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual | | | |
| Arsenic | mg/kg | 4.6 | 55.4 | 55.4 | 69.3 | 59.3 | 117 | 99 | 75-125 | 16 | 20 | | | | |
| Barium | mg/kg | 37.2 | 55.4 | 55.4 | 94.4 | 97.7 | 103 | 109 | 75-125 | 3 | 20 | | | | |
| Cadmium | mg/kg | 0.11J | 55.4 | 55.4 | 56.9 | 55.4 | 102 | 100 | 75-125 | 3 | 20 | | | | |
| Chromium | mg/kg | 11.2 | 55.4 | 55.4 | 67.6 | 68.6 | 102 | 103 | 75-125 | 1 | 20 | | | | |
| Lead | mg/kg | 2.1 | 55.4 | 55.4 | 50.6 | 51.8 | 87 | 90 | 75-125 | 2 | 20 | | | | |
| Selenium | mg/kg | 0.29J | 55.4 | 55.4 | 46.4 | 53.0 | 83 | 95 | 75-125 | 13 | 20 | | | | |
| Silver | mg/kg | 2.4 | 27.7 | 27.7 | 26.8 | 26.7 | 88 | 88 | 75-125 | .4 | 20 | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: MPRP/4077 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 4032676007

METHOD BLANK: 310732 Matrix: Water

Associated Lab Samples: 4032676007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------|-------|--------------|-----------------|----------------|------------|
| Arsenic, Dissolved | ug/L | 0.73J | 20.0 | 06/10/10 15:55 | |
| Barium, Dissolved | ug/L | <0.27 | 5.0 | 06/10/10 15:55 | |
| Cadmium, Dissolved | ug/L | <0.26 | 5.0 | 06/10/10 15:55 | |
| Chromium, Dissolved | ug/L | <0.44 | 5.0 | 06/10/10 15:55 | |
| Lead, Dissolved | ug/L | <1.4 | 7.5 | 06/10/10 15:55 | |
| Selenium, Dissolved | ug/L | 2.3J | 20.0 | 06/10/10 15:55 | |
| Silver, Dissolved | ug/L | <0.46 | 10.0 | 06/10/10 15:55 | |

LABORATORY CONTROL SAMPLE: 310733

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic, Dissolved | ug/L | 500 | 492 | 98 | 80-120 | |
| Barium, Dissolved | ug/L | 500 | 507 | 101 | 80-120 | |
| Cadmium, Dissolved | ug/L | 500 | 493 | 99 | 80-120 | |
| Chromium, Dissolved | ug/L | 500 | 523 | 105 | 80-120 | |
| Lead, Dissolved | ug/L | 500 | 508 | 102 | 80-120 | |
| Selenium, Dissolved | ug/L | 500 | 489 | 98 | 80-120 | |
| Silver, Dissolved | ug/L | 250 | 233 | 93 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 310734 310735

| Parameter | Units | 4032676007 | | MSD | | MS | | MSD | | % Rec Limits | RPD | Max RPD | Qual |
|---------------------|-------|------------|-------------|-------------|--------|--------|-------|-------|--------|--------------|-----|---------|------|
| | | Result | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | | | | | |
| Arsenic, Dissolved | ug/L | 3.2J | 500 | 500 | 508 | 525 | 101 | 104 | 75-125 | 3 | 20 | | |
| Barium, Dissolved | ug/L | 98.8 | 500 | 500 | 595 | 613 | 99 | 103 | 75-125 | 3 | 20 | | |
| Cadmium, Dissolved | ug/L | 0.32J | 500 | 500 | 508 | 521 | 101 | 104 | 75-125 | 3 | 20 | | |
| Chromium, Dissolved | ug/L | 0.63J | 500 | 500 | 505 | 517 | 101 | 103 | 75-125 | 2 | 20 | | |
| Lead, Dissolved | ug/L | <1.4 | 500 | 500 | 498 | 508 | 99 | 101 | 75-125 | 2 | 20 | | |
| Selenium, Dissolved | ug/L | 3.9J | 500 | 500 | 510 | 526 | 101 | 104 | 75-125 | 3 | 20 | | |
| Silver, Dissolved | ug/L | <0.46 | 250 | 250 | 234 | 241 | 94 | 96 | 75-125 | 3 | 20 | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: MERP/2055 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 4032676007

METHOD BLANK: 312634 Matrix: Water
Associated Lab Samples: 4032676007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------|-------|--------------|-----------------|----------------|------------|
| Mercury, Dissolved | ug/L | <0.10 | 0.20 | 06/11/10 13:59 | |

LABORATORY CONTROL SAMPLE: 312635

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------|-------|-------------|------------|-----------|--------------|------------|
| Mercury, Dissolved | ug/L | 5 | 5.0 | 100 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 312636 312637

| Parameter | Units | 4032925013 | | 312637 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |
|--------------------|-------|------------|----------------|-----------------|------------|-----------|------------|----------|-----------|--------------|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MSD Result | | | | | | | |
| Mercury, Dissolved | ug/L | <0.10 | 5 | 5 | 4.3 | 4.4 | 86 | 87 | 85-115 | 2 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: MERP/2045 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009, 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017, 4032676018, 4032676019, 4032676020

METHOD BLANK: 309230 Matrix: Solid
Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009, 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017, 4032676018, 4032676019, 4032676020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | mg/kg | <0.0018 | 0.010 | 06/04/10 13:37 | |

LABORATORY CONTROL SAMPLE: 309231

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | mg/kg | .25 | 0.25 | 101 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 309232 309233

| Parameter | Units | 4032690002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury | mg/kg | 0.22 | .31 | .31 | 0.53 | 0.61 | 103 | 127 | 85-115 | 13 | 20 | M0 |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: MERP/2046 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 4032676021, 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

METHOD BLANK: 310237 Matrix: Solid
Associated Lab Samples: 4032676021, 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | mg/kg | <0.0018 | 0.010 | 06/07/10 14:30 | |

LABORATORY CONTROL SAMPLE: 310238

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | mg/kg | .25 | 0.25 | 101 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 310239 310240

| Parameter | Units | 4032752001 | | MS | MSD | MS | MSD | MS | MSD | % Rec | Max | Qual |
|-----------|-------|------------|-------|-------------|-------------|--------|--------|-------|-------|--------|-----|------|
| | | Result | Conc. | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | |
| Mercury | mg/kg | <0.0019 | .27 | .27 | .27 | 0.27 | 0.27 | 102 | 102 | 85-115 | .9 | 20 |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

QC Batch: OEXT/7419 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009,
 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676017, 4032676018,
 4032676019, 4032676020

METHOD BLANK: 309126 Matrix: Solid

Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009,
 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676017, 4032676018,
 4032676019, 4032676020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4,5-Tetrachlorobenzene | ug/kg | <52.3 | 167 | 06/04/10 14:04 | |
| 1,4-Dichlorobenzene | ug/kg | <21.5 | 167 | 06/04/10 14:04 | |
| 2,4,5-Trichlorophenol | ug/kg | <11.0 | 167 | 06/04/10 14:04 | |
| 2,4,6-Trichlorophenol | ug/kg | <18.4 | 167 | 06/04/10 14:04 | |
| 2,4-Dichlorophenol | ug/kg | <14.2 | 167 | 06/04/10 14:04 | |
| 2,4-Dimethylphenol | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| 2,4-Dinitrophenol | ug/kg | <122 | 667 | 06/04/10 14:04 | |
| 2,4-Dinitrotoluene | ug/kg | <13.1 | 167 | 06/04/10 14:04 | |
| 2,6-Dinitrotoluene | ug/kg | <19.3 | 167 | 06/04/10 14:04 | |
| 2-Chloronaphthalene | ug/kg | <17.4 | 167 | 06/04/10 14:04 | |
| 2-Chlorophenol | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| 2-Methylnaphthalene | ug/kg | <18.4 | 167 | 06/04/10 14:04 | |
| 2-Methylphenol(o-Cresol) | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| 2-Nitroaniline | ug/kg | <12.1 | 167 | 06/04/10 14:04 | |
| 2-Nitrophenol | ug/kg | <19.9 | 167 | 06/04/10 14:04 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | <17.4 | 167 | 06/04/10 14:04 | |
| 3,3'-Dichlorobenzidine | ug/kg | <12.1 | 167 | 06/04/10 14:04 | |
| 3-Nitroaniline | ug/kg | <13.2 | 167 | 06/04/10 14:04 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| 4-Bromophenylphenyl ether | ug/kg | <17.7 | 167 | 06/04/10 14:04 | |
| 4-Chloro-3-methylphenol | ug/kg | <17.0 | 167 | 06/04/10 14:04 | |
| 4-Chloroaniline | ug/kg | <83.3 | 333 | 06/04/10 14:04 | |
| 4-Chlorophenylphenyl ether | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| 4-Nitroaniline | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| 4-Nitrophenol | ug/kg | <32.9 | 167 | 06/04/10 14:04 | |
| Acenaphthene | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| Acenaphthylene | ug/kg | <17.9 | 167 | 06/04/10 14:04 | |
| Anthracene | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| Benzo(a)anthracene | ug/kg | <18.8 | 167 | 06/04/10 14:04 | |
| Benzo(a)pyrene | ug/kg | <20.2 | 167 | 06/04/10 14:04 | |
| Benzo(b)fluoranthene | ug/kg | <19.7 | 167 | 06/04/10 14:04 | |
| Benzo(g,h,i)perylene | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| Benzo(k)fluoranthene | ug/kg | <26.3 | 167 | 06/04/10 14:04 | |
| Benzyl alcohol | ug/kg | <20.8 | 333 | 06/04/10 14:04 | |
| bis(2-Chloroethoxy)methane | ug/kg | <20.1 | 167 | 06/04/10 14:04 | |
| bis(2-Chloroethyl) ether | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| bis(2-Ethylhexyl)phthalate | ug/kg | <34.1 | 167 | 06/04/10 14:04 | |
| Butylbenzylphthalate | ug/kg | <37.5 | 167 | 06/04/10 14:04 | |
| Chrysene | ug/kg | <24.3 | 167 | 06/04/10 14:04 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Project No.: 4032676

METHOD BLANK: 309126

Matrix: Solid

Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009, 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676017, 4032676018, 4032676019, 4032676020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Di-n-butylphthalate | ug/kg | <27.9 | 167 | 06/04/10 14:04 | |
| Di-n-octylphthalate | ug/kg | <18.2 | 167 | 06/04/10 14:04 | |
| Dibenz(a,h)anthracene | ug/kg | <30.5 | 167 | 06/04/10 14:04 | |
| Dibenzofuran | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| Diethylphthalate | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| Dimethylphthalate | ug/kg | <17.5 | 167 | 06/04/10 14:04 | |
| Fluoranthene | ug/kg | <29.5 | 167 | 06/04/10 14:04 | |
| Fluorene | ug/kg | <8.4 | 167 | 06/04/10 14:04 | |
| Hexachloro-1,3-butadiene | ug/kg | <21.5 | 167 | 06/04/10 14:04 | |
| Hexachlorobenzene | ug/kg | <9.8 | 167 | 06/04/10 14:04 | |
| Hexachlorocyclopentadiene | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| Hexachloroethane | ug/kg | <21.1 | 167 | 06/04/10 14:04 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <22.4 | 167 | 06/04/10 14:04 | |
| Isophorone | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| N-Nitroso-di-n-propylamine | ug/kg | <19.8 | 167 | 06/04/10 14:04 | |
| N-Nitrosodiphenylamine | ug/kg | <22.9 | 167 | 06/04/10 14:04 | |
| Naphthalene | ug/kg | <19.5 | 167 | 06/04/10 14:04 | |
| Nitrobenzene | ug/kg | <19.1 | 167 | 06/04/10 14:04 | |
| Pentachlorophenol | ug/kg | <83.3 | 330 | 06/04/10 14:04 | |
| Phenanthrene | ug/kg | <83.3 | 167 | 06/04/10 14:04 | |
| Phenol | ug/kg | <19.8 | 167 | 06/04/10 14:04 | |
| Pyrene | ug/kg | <40.6 | 167 | 06/04/10 14:04 | |
| 2,4,6-Tribromophenol (S) | %- | 72 | 23-130 | 06/04/10 14:04 | |
| 2-Fluorobiphenyl (S) | %- | 82 | 46-130 | 06/04/10 14:04 | |
| 2-Fluorophenol (S) | %- | 60 | 28-130 | 06/04/10 14:04 | |
| Nitrobenzene-d5 (S) | %- | 65 | 37-130 | 06/04/10 14:04 | |
| Phenol-d6 (S) | %- | 62 | 30-130 | 06/04/10 14:04 | |
| Terphenyl-d14 (S) | %- | 70 | 27-135 | 06/04/10 14:04 | |

LABORATORY CONTROL SAMPLE: 309127

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,4-Dichlorobenzene | ug/kg | 1670 | 1390 | 83 | 51-130 | |
| 2,4,5-Trichlorophenol | ug/kg | 1670 | 1380 | 83 | 66-130 | |
| 2,4,6-Trichlorophenol | ug/kg | 1670 | 1300 | 78 | 66-130 | |
| 2,4-Dichlorophenol | ug/kg | 1670 | 1520 | 91 | 60-130 | |
| 2,4-Dimethylphenol | ug/kg | 1670 | 1230 | 74 | 43-130 | |
| 2,4-Dinitrophenol | ug/kg | 1670 | 1110 | 66 | 29-130 | |
| 2,4-Dinitrotoluene | ug/kg | 1670 | 1440 | 87 | 70-130 | |
| 2,6-Dinitrotoluene | ug/kg | 1670 | 1400 | 84 | 70-130 | |
| 2-Chloronaphthalene | ug/kg | 1670 | 1470 | 88 | 67-130 | |
| 2-Chlorophenol | ug/kg | 1670 | 1210 | 73 | 51-130 | |
| 2-Methylnaphthalene | ug/kg | 1670 | 1530 | 92 | 65-130 | |
| 2-Methylphenol(o-Cresol) | ug/kg | 1670 | 1200 | 72 | 57-130 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 146 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

LABORATORY CONTROL SAMPLE: 309127

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------------|-------|-------------|------------|-----------|--------------|------------|
| 2-Nitroaniline | ug/kg | 1670 | 1040 | 62 | 68-130 | L0 |
| 2-Nitrophenol | ug/kg | 1670 | 1480 | 89 | 58-130 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | 1670 | 1190 | 71 | 59-130 | |
| 3,3'-Dichlorobenzidine | ug/kg | 1670 | 1310 | 79 | 49-130 | |
| 3-Nitroaniline | ug/kg | 1670 | 1340 | 80 | 66-130 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | 1670 | 1240 | 75 | 61-130 | |
| 4-Bromophenylphenyl ether | ug/kg | 1670 | 1430 | 86 | 70-130 | |
| 4-Chloro-3-methylphenol | ug/kg | 1670 | 1240 | 74 | 68-130 | |
| 4-Chloroaniline | ug/kg | 1670 | 1340 | 80 | 24-130 | |
| 4-Chlorophenylphenyl ether | ug/kg | 1670 | 1440 | 86 | 68-130 | |
| 4-Nitroaniline | ug/kg | 1670 | 1310 | 78 | 65-133 | |
| 4-Nitrophenol | ug/kg | 1670 | 1180 | 71 | 43-134 | |
| Acenaphthene | ug/kg | 1670 | 1420 | 85 | 70-130 | |
| Acenaphthylene | ug/kg | 1670 | 1340 | 80 | 70-130 | |
| Anthracene | ug/kg | 1670 | 1510 | 91 | 70-130 | |
| Benzo(a)anthracene | ug/kg | 1670 | 1430 | 86 | 59-130 | |
| Benzo(a)pyrene | ug/kg | 1670 | 1350 | 81 | 48-130 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1420 | 85 | 56-130 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1370 | 82 | 56-130 | |
| Benzo(k)fluoranthene | ug/kg | 1670 | 1480 | 89 | 58-130 | |
| Benzyl alcohol | ug/kg | 1670 | 1250 | 75 | 56-130 | |
| bis(2-Chloroethoxy)methane | ug/kg | 1670 | 1250 | 75 | 64-130 | |
| bis(2-Chloroethyl) ether | ug/kg | 1670 | 1000 | 60 | 53-130 | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 1670 | 1420 | 85 | 54-132 | |
| Butylbenzylphthalate | ug/kg | 1670 | 1410 | 85 | 56-130 | |
| Chrysene | ug/kg | 1670 | 1400 | 84 | 59-130 | |
| Di-n-butylphthalate | ug/kg | 1670 | 1450 | 87 | 69-130 | |
| Di-n-octylphthalate | ug/kg | 1670 | 1420 | 85 | 44-134 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1350 | 81 | 45-130 | |
| Dibenzofuran | ug/kg | 1670 | 1570 | 94 | 70-130 | |
| Diethylphthalate | ug/kg | 1670 | 1480 | 89 | 70-130 | |
| Dimethylphthalate | ug/kg | 1670 | 1390 | 83 | 70-130 | |
| Fluoranthene | ug/kg | 1670 | 1360 | 81 | 66-130 | |
| Fluorene | ug/kg | 1670 | 1470 | 88 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/kg | 1670 | 1480 | 89 | 51-130 | |
| Hexachlorobenzene | ug/kg | 1670 | 1650 | 99 | 68-130 | |
| Hexachlorocyclopentadiene | ug/kg | 1670 | 1380 | 83 | 10-130 | |
| Hexachloroethane | ug/kg | 1670 | 1150 | 69 | 49-130 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 1350 | 81 | 39-130 | |
| Isophorone | ug/kg | 1670 | 1080 | 65 | 10-130 | |
| N-Nitroso-di-n-propylamine | ug/kg | 1670 | 1020 | 61 | 59-130 | |
| N-Nitrosodiphenylamine | ug/kg | 1670 | 1710 | 102 | 70-130 | |
| Naphthalene | ug/kg | 1670 | 1370 | 82 | 60-130 | |
| Nitrobenzene | ug/kg | 1670 | 1220 | 73 | 55-130 | |
| Pentachlorophenol | ug/kg | 1670 | 949 | 57 | 51-130 | |
| Phenanthrene | ug/kg | 1670 | 1510 | 91 | 70-130 | |
| Phenol | ug/kg | 1670 | 1260 | 76 | 54-130 | |
| Pyrene | ug/kg | 1670 | 1420 | 85 | 52-133 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 147 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

LABORATORY CONTROL SAMPLE: 309127

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| 2,4,6-Tribromophenol (S) | %- | | | 90 | 23-130 | |
| 2-Fluorobiphenyl (S) | %- | | | 86 | 46-130 | |
| 2-Fluorophenol (S) | %- | | | 70 | 28-130 | |
| Nitrobenzene-d5 (S) | %- | | | 71 | 37-130 | |
| Phenol-d6 (S) | %- | | | 72 | 30-130 | |
| Terphenyl-d14 (S) | %- | | | 77 | 27-135 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 309128 309129

| Parameter | Units | 309128 | | 309129 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|------------------------------|-------|-------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|------|------------|
| | | 4032676003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | MSD Result |
| 1,4-Dichlorobenzene | ug/kg | <24.7 | 1920 | 1920 | 1480 | 1400 | 77 | 73 | 51-130 | 6 | 28 | |
| 2,4,5-Trichlorophenol | ug/kg | <12.6 | 1920 | 1920 | 1570 | 1530 | 82 | 80 | 45-130 | 2 | 21 | |
| 2,4,6-Trichlorophenol | ug/kg | <21.1 | 1920 | 1920 | 1510 | 1470 | 79 | 77 | 45-130 | 3 | 19 | |
| 2,4-Dichlorophenol | ug/kg | <16.3 | 1920 | 1920 | 1570 | 1470 | 82 | 77 | 47-130 | 7 | 22 | |
| 2,4-Dimethylphenol | ug/kg | <95.6 | 1920 | 1920 | 1580 | 1360 | 82 | 71 | 37-130 | 15 | 24 | |
| 2,4-Dinitrophenol | ug/kg | <141 | 1920 | 1920 | 148J | 217J | 8 | 11 | 10-130 | | 40 | MO |
| 2,4-Dinitrotoluene | ug/kg | <15.0 | 1920 | 1920 | 1700 | 1650 | 89 | 86 | 41-130 | 3 | 25 | |
| 2,6-Dinitrotoluene | ug/kg | <22.1 | 1920 | 1920 | 1670 | 1600 | 87 | 83 | 51-130 | 5 | 23 | |
| 2-Chloronaphthalene | ug/kg | <19.9 | 1920 | 1920 | 1670 | 1610 | 87 | 84 | 61-130 | 4 | 30 | |
| 2-Chlorophenol | ug/kg | <95.6 | 1920 | 1920 | 1370 | 1350 | 71 | 71 | 46-130 | 1 | 27 | |
| 2-Methylnaphthalene | ug/kg | <21.1 | 1920 | 1920 | 1700 | 1550 | 88 | 80 | 55-130 | 10 | 22 | |
| 2-Methylphenol(o-Cresol) | ug/kg | <95.6 | 1920 | 1920 | 1400 | 1360 | 73 | 71 | 42-130 | 3 | 31 | |
| 2-Nitroaniline | ug/kg | <13.9 | 1920 | 1920 | 1430 | 1340 | 75 | 70 | 43-130 | 6 | 20 | |
| 2-Nitrophenol | ug/kg | <22.9 | 1920 | 1920 | 1540 | 1540 | 80 | 81 | 45-130 | .2 | 29 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | <19.9 | 1920 | 1920 | 1380 | 1340 | 72 | 70 | 30-130 | 3 | 25 | |
| 3,3'-Dichlorobenzidine | ug/kg | <13.9 | 1920 | 1920 | 1910 | 1640 | 100 | 86 | 10-150 | 15 | 87 | |
| 3-Nitroaniline | ug/kg | <15.2 | 1920 | 1920 | 1600 | 1640 | 84 | 86 | 17-130 | 3 | 36 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | <95.6 | 1920 | 1920 | 1020 | 1150 | 53 | 60 | 10-130 | 12 | 42 | |
| 4-Bromophenylphenyl ether | ug/kg | <20.3 | 1920 | 1920 | 1760 | 1640 | 92 | 86 | 50-130 | 7 | 21 | |
| 4-Chloro-3-methylphenol | ug/kg | <19.5 | 1920 | 1920 | 1470 | 1360 | 77 | 71 | 40-130 | 7 | 24 | |
| 4-Chloroaniline | ug/kg | <95.6 | 1920 | 1920 | 1440 | 1470 | 75 | 77 | 10-130 | 2 | 21 | |
| 4-Chlorophenylphenyl ether | ug/kg | <95.6 | 1920 | 1920 | 1650 | 1570 | 87 | 82 | 55-130 | 6 | 21 | |
| 4-Nitroaniline | ug/kg | <95.6 | 1920 | 1920 | 1640 | 1610 | 86 | 84 | 10-145 | 2 | 40 | |
| 4-Nitrophenol | ug/kg | <37.7 | 1920 | 1920 | 1030 | 1010 | 54 | 53 | 10-130 | 2 | 39 | |
| Acenaphthene | ug/kg | <95.6 | 1920 | 1920 | 1830 | 1590 | 92 | 79 | 59-130 | 14 | 27 | |
| Acenaphthylene | ug/kg | <20.5 | 1920 | 1920 | 1550 | 1480 | 81 | 77 | 54-130 | 5 | 27 | |
| Anthracene | ug/kg | 169J | 1920 | 1920 | 1900 | 1510 | 90 | 70 | 45-130 | 23 | 27 | |
| Benzo(a)anthracene | ug/kg | 865 | 1920 | 1920 | 2880 | 1590 | 105 | 38 | 38-130 | 58 | 41 | R1 |
| Benzo(a)pyrene | ug/kg | 1140 | 1920 | 1920 | 3140 | 1510 | 104 | 19 | 24-130 | 70 | 37 | M0,R1 |
| Benzo(b)fluoranthene | ug/kg | 1010 | 1920 | 1920 | 3020 | 1730 | 105 | 37 | 29-130 | 54 | 32 | R1 |
| Benzo(g,h,i)perylene | ug/kg | 816 | 1920 | 1920 | 3480 | 1280 | 139 | 25 | 14-130 | 92 | 32 | M0,R1 |
| Benzo(k)fluoranthene | ug/kg | 991 | 1920 | 1920 | 2760 | 1770 | 92 | 41 | 29-130 | 44 | 37 | R1 |
| Benzyl alcohol | ug/kg | <23.9 | 1920 | 1920 | 1420 | 1440 | 74 | 75 | 40-130 | 1 | 40 | |
| bis(2-Chloroethoxy)methane | ug/kg | <23.1 | 1920 | 1920 | 1440 | 1400 | 75 | 73 | 55-130 | 3 | 22 | |
| bis(2-Chloroethyl) ether | ug/kg | <95.6 | 1920 | 1920 | 1180 | 1120 | 62 | 59 | 49-130 | 5 | 29 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 148 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| Parameter | Units | 4032676003 | | 309128 | | 309129 | | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|----------------------------|-------|------------|----------------------|-----------------------|--------------|---------------|-----|-------------|--------------|-----------------|------------|-------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | | | | | | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | <39.2 | 1920 | 1920 | 2380 | 1910 | 124 | 100 | 21-166 | 22 | 43 | | |
| Butylbenzylphthalate | ug/kg | <43.1 | 1920 | 1920 | 2270 | 1840 | 119 | 96 | 32-149 | 21 | 24 | | |
| Chrysene | ug/kg | 1080 | 1920 | 1920 | 3110 | 1480 | 106 | 21 | 34-130 | 71 | 45 | M0,R1 | |
| Di-n-butylphthalate | ug/kg | <32.0 | 1920 | 1920 | 1770 | 1680 | 92 | 88 | 48-130 | 5 | 26 | | |
| Di-n-octylphthalate | ug/kg | <20.9 | 1920 | 1920 | 2130 | 2030 | 111 | 106 | 34-146 | 5 | 27 | | |
| Dibenz(a,h)anthracene | ug/kg | 189J | 1920 | 1920 | 1900 | 1410 | 90 | 64 | 17-130 | 30 | 41 | | |
| Dibenzofuran | ug/kg | <95.6 | 1920 | 1920 | 1900 | 1700 | 98 | 87 | 60-130 | 11 | 20 | | |
| Diethylphthalate | ug/kg | <95.6 | 1920 | 1920 | 1840 | 1770 | 96 | 93 | 52-130 | 4 | 23 | | |
| Dimethylphthalate | ug/kg | <20.1 | 1920 | 1920 | 1650 | 1620 | 86 | 85 | 54-130 | 2 | 20 | | |
| Fluoranthene | ug/kg | 1240 | 1920 | 1920 | 2820 | 1500 | 83 | 14 | 36-130 | 61 | 39 | M0,R1 | |
| Fluorene | ug/kg | 74.5J | 1920 | 1920 | 1810 | 1540 | 91 | 76 | 55-130 | 16 | 22 | | |
| Hexachloro-1,3-butadiene | ug/kg | <24.6 | 1920 | 1920 | 1510 | 1390 | 79 | 73 | 50-130 | 8 | 26 | | |
| Hexachlorobenzene | ug/kg | <11.2 | 1920 | 1920 | 1890 | 1760 | 99 | 92 | 51-130 | 7 | 21 | | |
| Hexachlorocyclopentadiene | ug/kg | <95.6 | 1920 | 1920 | 1040 | 1270 | 54 | 66 | 10-130 | 20 | 36 | | |
| Hexachloroethane | ug/kg | <24.2 | 1920 | 1920 | 1270 | 1260 | 67 | 66 | 42-130 | .7 | 33 | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 753 | 1920 | 1920 | 3250 | 1250 | 131 | 26 | 10-143 | 89 | 59 | R1 | |
| Isophorone | ug/kg | <95.6 | 1920 | 1920 | 1210 | 1200 | 63 | 63 | 10-130 | .9 | 21 | | |
| N-Nitroso-di-n-propylamine | ug/kg | <22.7 | 1920 | 1920 | 1230 | 1210 | 64 | 64 | 52-130 | .9 | 24 | | |
| N-Nitrosodiphenylamine | ug/kg | <26.3 | 1920 | 1920 | 1900 | 1740 | 99 | 91 | 42-138 | 9 | 25 | | |
| Naphthalene | ug/kg | 71.3J | 1920 | 1920 | 1540 | 1380 | 77 | 68 | 54-130 | 11 | 24 | | |
| Nitrobenzene | ug/kg | <22.0 | 1920 | 1920 | 1240 | 1240 | 65 | 65 | 48-130 | .2 | 28 | | |
| Pentachlorophenol | ug/kg | <95.6 | 1920 | 1920 | 899 | 982 | 47 | 51 | 10-130 | 9 | 32 | | |
| Phenanthrene | ug/kg | 559 | 1920 | 1920 | 2450 | 1520 | 99 | 50 | 52-130 | 47 | 24 | M0,R1 | |
| Phenol | ug/kg | <22.7 | 1920 | 1920 | 1230 | 1150 | 64 | 60 | 41-130 | 6 | 25 | | |
| Pyrene | ug/kg | 1370 | 1920 | 1920 | 3580 | 1450 | 116 | 4 | 34-136 | 85 | 56 | M0,R1 | |
| 2,4,6-Tribromophenol (S) | %- | | | | | | 104 | 99 | 23-130 | | | | |
| 2-Fluorobiphenyl (S) | %- | | | | | | 84 | 83 | 46-130 | | | | |
| 2-Fluorophenol (S) | %- | | | | | | 63 | 62 | 28-130 | | | | |
| Nitrobenzene-d5 (S) | %- | | | | | | 62 | 63 | 37-130 | | | | |
| Phenol-d6 (S) | %- | | | | | | 64 | 62 | 30-130 | | | | |
| Terphenyl-d14 (S) | %- | | | | | | 102 | 81 | 27-135 | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: OEXT/7487 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 4032676016, 4032676021, 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

METHOD BLANK: 311956 Matrix: Solid
Associated Lab Samples: 4032676016, 4032676021, 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4,5-Tetrachlorobenzene | ug/kg | <52.3 | 167 | 06/10/10 16:45 | |
| 1,2,4-Trichlorobenzene | ug/kg | <9.2 | 167 | 06/10/10 16:45 | |
| 1,2-Dichlorobenzene | ug/kg | <19.1 | 167 | 06/10/10 16:45 | |
| 1,4-Dichlorobenzene | ug/kg | <21.5 | 167 | 06/10/10 16:45 | |
| 2,4,5-Trichlorophenol | ug/kg | <11.0 | 167 | 06/10/10 16:45 | |
| 2,4,6-Trichlorophenol | ug/kg | <18.4 | 167 | 06/10/10 16:45 | |
| 2,4-Dichlorophenol | ug/kg | <14.2 | 167 | 06/10/10 16:45 | |
| 2,4-Dimethylphenol | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 2,4-Dinitrophenol | ug/kg | <122 | 667 | 06/10/10 16:45 | |
| 2,4-Dinitrotoluene | ug/kg | <13.1 | 167 | 06/10/10 16:45 | |
| 2,6-Dinitrotoluene | ug/kg | <19.3 | 167 | 06/10/10 16:45 | |
| 2-Chloronaphthalene | ug/kg | <17.4 | 167 | 06/10/10 16:45 | |
| 2-Chlorophenol | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 2-Methylnaphthalene | ug/kg | <18.4 | 167 | 06/10/10 16:45 | |
| 2-Methylphenol(o-Cresol) | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 2-Nitroaniline | ug/kg | <12.1 | 167 | 06/10/10 16:45 | |
| 2-Nitrophenol | ug/kg | <19.9 | 167 | 06/10/10 16:45 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | <17.4 | 167 | 06/10/10 16:45 | |
| 3,3'-Dichlorobenzidine | ug/kg | <12.1 | 167 | 06/10/10 16:45 | |
| 3-Nitroaniline | ug/kg | <13.2 | 167 | 06/10/10 16:45 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 4-Bromophenylphenyl ether | ug/kg | <17.7 | 167 | 06/10/10 16:45 | |
| 4-Chloro-3-methylphenol | ug/kg | <17.0 | 167 | 06/10/10 16:45 | |
| 4-Chloroaniline | ug/kg | <83.3 | 333 | 06/10/10 16:45 | |
| 4-Chlorophenylphenyl ether | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 4-Nitroaniline | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| 4-Nitrophenol | ug/kg | <32.9 | 167 | 06/10/10 16:45 | |
| Acenaphthene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Acenaphthylene | ug/kg | <17.9 | 167 | 06/10/10 16:45 | |
| Anthracene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Benzo(a)anthracene | ug/kg | <18.8 | 167 | 06/10/10 16:45 | |
| Benzo(a)pyrene | ug/kg | <20.2 | 167 | 06/10/10 16:45 | |
| Benzo(b)fluoranthene | ug/kg | <19.7 | 167 | 06/10/10 16:45 | |
| Benzo(g,h,i)perylene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Benzo(k)fluoranthene | ug/kg | <26.3 | 167 | 06/10/10 16:45 | |
| Benzyl alcohol | ug/kg | <20.8 | 333 | 06/10/10 16:45 | |
| bis(2-Chloroethoxy)methane | ug/kg | <20.1 | 167 | 06/10/10 16:45 | |
| bis(2-Chloroethyl) ether | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| bis(2-Ethylhexyl)phthalate | ug/kg | <34.1 | 167 | 06/10/10 16:45 | |
| Butylbenzylphthalate | ug/kg | <37.5 | 167 | 06/10/10 16:45 | |
| Chrysene | ug/kg | <24.3 | 167 | 06/10/10 16:45 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 150 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

METHOD BLANK: 311956

Matrix: Solid

Associated Lab Samples: 4032676016, 4032676021, 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Di-n-butylphthalate | ug/kg | <27.9 | 167 | 06/10/10 16:45 | |
| Di-n-octylphthalate | ug/kg | <18.2 | 167 | 06/10/10 16:45 | |
| Dibenz(a,h)anthracene | ug/kg | <30.5 | 167 | 06/10/10 16:45 | |
| Dibenzofuran | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Diethylphthalate | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Dimethylphthalate | ug/kg | <17.5 | 167 | 06/10/10 16:45 | |
| Fluoranthene | ug/kg | <29.5 | 167 | 06/10/10 16:45 | |
| Fluorene | ug/kg | <8.4 | 167 | 06/10/10 16:45 | |
| Hexachloro-1,3-butadiene | ug/kg | <21.5 | 167 | 06/10/10 16:45 | |
| Hexachlorobenzene | ug/kg | <9.8 | 167 | 06/10/10 16:45 | |
| Hexachlorocyclopentadiene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Hexachloroethane | ug/kg | <21.1 | 167 | 06/10/10 16:45 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <22.4 | 167 | 06/10/10 16:45 | |
| Isophorone | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| N-Nitroso-di-n-propylamine | ug/kg | <19.8 | 167 | 06/10/10 16:45 | |
| N-Nitrosodiphenylamine | ug/kg | <22.9 | 167 | 06/10/10 16:45 | |
| Naphthalene | ug/kg | <19.5 | 167 | 06/10/10 16:45 | |
| Nitrobenzene | ug/kg | <19.1 | 167 | 06/10/10 16:45 | |
| Pentachlorophenol | ug/kg | <83.3 | 330 | 06/10/10 16:45 | |
| Phenanthrene | ug/kg | <83.3 | 167 | 06/10/10 16:45 | |
| Phenol | ug/kg | <19.8 | 167 | 06/10/10 16:45 | |
| Pyrene | ug/kg | <40.6 | 167 | 06/10/10 16:45 | |
| 2,4,6-Tribromophenol (S) | %- | 95 | 23-130 | 06/10/10 16:45 | |
| 2-Fluorobiphenyl (S) | %- | 105 | 46-130 | 06/10/10 16:45 | |
| 2-Fluorophenol (S) | %- | 77 | 28-130 | 06/10/10 16:45 | |
| Nitrobenzene-d5 (S) | %- | 70 | 37-130 | 06/10/10 16:45 | |
| Phenol-d6 (S) | %- | 63 | 30-130 | 06/10/10 16:45 | |
| Terphenyl-d14 (S) | %- | 84 | 27-135 | 06/10/10 16:45 | |

LABORATORY CONTROL SAMPLE: 311957

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2,4-Trichlorobenzene | ug/kg | 1670 | 1390 | 83 | 55-130 | |
| 1,2-Dichlorobenzene | ug/kg | 1670 | 1290 | 77 | 52-130 | |
| 1,4-Dichlorobenzene | ug/kg | 1670 | 1310 | 78 | 51-130 | |
| 2,4,5-Trichlorophenol | ug/kg | 1670 | 1360 | 81 | 66-130 | |
| 2,4,6-Trichlorophenol | ug/kg | 1670 | 1400 | 84 | 66-130 | |
| 2,4-Dichlorophenol | ug/kg | 1670 | 1350 | 81 | 60-130 | |
| 2,4-Dimethylphenol | ug/kg | 1670 | 1140 | 68 | 43-130 | |
| 2,4-Dinitrophenol | ug/kg | 1670 | 832 | 50 | 29-130 | |
| 2,4-Dinitrotoluene | ug/kg | 1670 | 1520 | 91 | 70-130 | |
| 2,6-Dinitrotoluene | ug/kg | 1670 | 1480 | 89 | 70-130 | |
| 2-Chloronaphthalene | ug/kg | 1670 | 1500 | 90 | 67-130 | |
| 2-Chlorophenol | ug/kg | 1670 | 1170 | 70 | 51-130 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

LABORATORY CONTROL SAMPLE: 311957

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------------|-------|-------------|------------|-----------|--------------|------------|
| 2-Methylnaphthalene | ug/kg | 1670 | 1330 | 80 | 65-130 | |
| 2-Methylphenol(o-Cresol) | ug/kg | 1670 | 1160 | 70 | 57-130 | |
| 2-Nitroaniline | ug/kg | 1670 | 1210 | 73 | 68-130 | |
| 2-Nitrophenol | ug/kg | 1670 | 1450 | 87 | 58-130 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | 1670 | 1100 | 66 | 59-130 | |
| 3,3'-Dichlorobenzidine | ug/kg | 1670 | 1380 | 83 | 49-130 | |
| 3-Nitroaniline | ug/kg | 1670 | 1560 | 94 | 66-130 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | 1670 | 1080 | 65 | 61-130 | |
| 4-Bromophenylphenyl ether | ug/kg | 1670 | 1600 | 96 | 70-130 | |
| 4-Chloro-3-methylphenol | ug/kg | 1670 | 1090 | 65 | 68-130 | L0 |
| 4-Chloroaniline | ug/kg | 1670 | 1270 | 76 | 24-130 | |
| 4-Chlorophenylphenyl ether | ug/kg | 1670 | 1490 | 89 | 68-130 | |
| 4-Nitroaniline | ug/kg | 1670 | 1520 | 91 | 65-133 | |
| 4-Nitrophenol | ug/kg | 1670 | 984 | 59 | 43-134 | |
| Acenaphthene | ug/kg | 1670 | 1530 | 92 | 70-130 | |
| Acenaphthylene | ug/kg | 1670 | 1390 | 84 | 70-130 | |
| Anthracene | ug/kg | 1670 | 1420 | 85 | 70-130 | |
| Benzo(a)anthracene | ug/kg | 1670 | 1460 | 88 | 59-130 | |
| Benzo(a)pyrene | ug/kg | 1670 | 1340 | 80 | 48-130 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1520 | 91 | 56-130 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1200 | 72 | 56-130 | |
| Benzo(k)fluoranthene | ug/kg | 1670 | 1770 | 106 | 58-130 | |
| Benzyl alcohol | ug/kg | 1670 | 1200 | 72 | 56-130 | |
| bis(2-Chloroethoxy)methane | ug/kg | 1670 | 1270 | 76 | 64-130 | |
| bis(2-Chloroethyl) ether | ug/kg | 1670 | 1020 | 61 | 53-130 | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 1670 | 1750 | 105 | 54-132 | |
| Butylbenzylphthalate | ug/kg | 1670 | 1600 | 96 | 56-130 | |
| Chrysene | ug/kg | 1670 | 1410 | 85 | 59-130 | |
| Di-n-butylphthalate | ug/kg | 1670 | 1650 | 99 | 69-130 | |
| Di-n-octylphthalate | ug/kg | 1670 | 1850 | 111 | 44-134 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1270 | 76 | 45-130 | |
| Dibenzofuran | ug/kg | 1670 | 1630 | 98 | 70-130 | |
| Diethylphthalate | ug/kg | 1670 | 1670 | 100 | 70-130 | |
| Dimethylphthalate | ug/kg | 1670 | 1500 | 90 | 70-130 | |
| Fluoranthene | ug/kg | 1670 | 1390 | 83 | 66-130 | |
| Fluorene | ug/kg | 1670 | 1500 | 90 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/kg | 1670 | 1420 | 85 | 51-130 | |
| Hexachlorobenzene | ug/kg | 1670 | 1690 | 101 | 68-130 | |
| Hexachlorocyclopentadiene | ug/kg | 1670 | 1370 | 82 | 10-130 | |
| Hexachloroethane | ug/kg | 1670 | 1170 | 70 | 49-130 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 995 | 60 | 39-130 | |
| Isophorone | ug/kg | 1670 | 1040 | 62 | 10-130 | |
| N-Nitroso-di-n-propylamine | ug/kg | 1670 | 1010 | 60 | 59-130 | |
| N-Nitrosodiphenylamine | ug/kg | 1670 | 1800 | 108 | 70-130 | |
| Naphthalene | ug/kg | 1670 | 1310 | 79 | 60-130 | |
| Nitrobenzene | ug/kg | 1670 | 1220 | 73 | 55-130 | |
| Pentachlorophenol | ug/kg | 1670 | 795 | 48 | 51-130 | L0 |
| Phenanthrene | ug/kg | 1670 | 1440 | 87 | 70-130 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 152 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

LABORATORY CONTROL SAMPLE: 311957

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| Phenol | ug/kg | 1670 | 1030 | 62 | 54-130 | |
| Pyrene | ug/kg | 1670 | 1270 | 76 | 52-133 | |
| 2,4,6-Tribromophenol (S) | %- | | | 101 | 23-130 | |
| 2-Fluorobiphenyl (S) | %- | | | 88 | 46-130 | |
| 2-Fluorophenol (S) | %- | | | 67 | 28-130 | |
| Nitrobenzene-d5 (S) | %- | | | 71 | 37-130 | |
| Phenol-d6 (S) | %- | | | 65 | 30-130 | |
| Terphenyl-d14 (S) | %- | | | 77 | 27-135 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 311958 311959

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |
|------------------------------|-------|-------------------|-------------|-------------|--------|-----------|------------|----------|-----------|--------------|---------|------|
| | | 4032676022 Result | Spike Conc. | Spike Conc. | Result | | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | <10.5 | 1900 | 1900 | 1500 | 1310 | 79 | 69 | 54-130 | 14 | 24 | |
| 1,2-Dichlorobenzene | ug/kg | <21.6 | 1900 | 1900 | 1540 | 1340 | 81 | 70 | 52-130 | 14 | 26 | |
| 1,4-Dichlorobenzene | ug/kg | <24.4 | 1900 | 1900 | 1570 | 1320 | 83 | 70 | 51-130 | 17 | 28 | |
| 2,4,5-Trichlorophenol | ug/kg | <12.5 | 1900 | 1900 | 1360 | 1120 | 72 | 59 | 45-130 | 20 | 21 | |
| 2,4,6-Trichlorophenol | ug/kg | <20.9 | 1900 | 1900 | 1360 | 1140 | 72 | 60 | 45-130 | 17 | 19 | |
| 2,4-Dichlorophenol | ug/kg | <16.2 | 1900 | 1900 | 1430 | 1230 | 75 | 65 | 47-130 | 15 | 22 | |
| 2,4-Dimethylphenol | ug/kg | <94.6 | 1900 | 1900 | 1180 | 1070 | 63 | 57 | 37-130 | 10 | 24 | |
| 2,4-Dinitrophenol | ug/kg | <139 | 1900 | 1900 | <139 | <139 | 4 | 2 | 10-130 | | 40 | MO |
| 2,4-Dinitrotoluene | ug/kg | <14.9 | 1900 | 1900 | 1540 | 1300 | 81 | 69 | 41-130 | 17 | 25 | |
| 2,6-Dinitrotoluene | ug/kg | <21.9 | 1900 | 1900 | 1520 | 1240 | 81 | 65 | 51-130 | 21 | 23 | |
| 2-Chloronaphthalene | ug/kg | <19.7 | 1900 | 1900 | 1590 | 1380 | 84 | 73 | 61-130 | 14 | 30 | |
| 2-Chlorophenol | ug/kg | <94.6 | 1900 | 1900 | 1420 | 1210 | 75 | 64 | 46-130 | 16 | 27 | |
| 2-Methylnaphthalene | ug/kg | 61.0J | 1900 | 1900 | 1480 | 1330 | 75 | 67 | 55-130 | 11 | 22 | |
| 2-Methylphenol(o-Cresol) | ug/kg | <94.6 | 1900 | 1900 | 1320 | 1140 | 70 | 60 | 42-130 | 15 | 31 | |
| 2-Nitroaniline | ug/kg | <13.7 | 1900 | 1900 | 1250 | 1060 | 66 | 56 | 43-130 | 17 | 20 | |
| 2-Nitrophenol | ug/kg | <22.6 | 1900 | 1900 | 1590 | 1370 | 84 | 73 | 45-130 | 15 | 29 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | <19.7 | 1900 | 1900 | 1320 | 1070 | 70 | 56 | 30-130 | 21 | 25 | |
| 3,3'-Dichlorobenzidine | ug/kg | <13.7 | 1900 | 1900 | 1240 | 1110 | 66 | 59 | 10-150 | 11 | 87 | |
| 3-Nitroaniline | ug/kg | <15.0 | 1900 | 1900 | 1490 | 1330 | 79 | 70 | 17-130 | 12 | 36 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | <94.6 | 1900 | 1900 | 752 | 652 | 40 | 34 | 10-130 | 14 | 42 | |
| 4-Bromophenylphenyl ether | ug/kg | <20.1 | 1900 | 1900 | 1510 | 1250 | 80 | 66 | 50-130 | 19 | 21 | |
| 4-Chloro-3-methylphenol | ug/kg | <19.3 | 1900 | 1900 | 1200 | 1090 | 63 | 58 | 40-130 | 9 | 24 | |
| 4-Chloroaniline | ug/kg | <94.6 | 1900 | 1900 | 1380 | 1190 | 73 | 63 | 10-130 | 15 | 21 | |
| 4-Chlorophenylphenyl ether | ug/kg | <94.6 | 1900 | 1900 | 1460 | 1250 | 77 | 66 | 55-130 | 16 | 21 | |
| 4-Nitroaniline | ug/kg | <94.6 | 1900 | 1900 | 1530 | 1310 | 81 | 69 | 10-145 | 15 | 40 | |
| 4-Nitrophenol | ug/kg | <37.3 | 1900 | 1900 | 706 | 575 | 37 | 30 | 10-130 | 21 | 39 | |
| Acenaphthene | ug/kg | <94.6 | 1900 | 1900 | 1530 | 1300 | 81 | 69 | 59-130 | 17 | 27 | |
| Acenaphthylene | ug/kg | <20.3 | 1900 | 1900 | 1410 | 1210 | 75 | 64 | 54-130 | 15 | 27 | |
| Anthracene | ug/kg | <94.6 | 1900 | 1900 | 1390 | 1240 | 73 | 65 | 45-130 | 11 | 27 | |
| Benzo(a)anthracene | ug/kg | <21.3 | 1900 | 1900 | 1310 | 1240 | 69 | 65 | 38-130 | 6 | 41 | |
| Benzo(a)pyrene | ug/kg | <22.9 | 1900 | 1900 | 1200 | 1080 | 64 | 57 | 24-130 | 11 | 37 | |
| Benzo(b)fluoranthene | ug/kg | <22.3 | 1900 | 1900 | 1320 | 1210 | 70 | 64 | 29-130 | 9 | 32 | |
| Benzo(g,h,i)perylene | ug/kg | <94.6 | 1900 | 1900 | 1130 | 963 | 60 | 51 | 14-130 | 16 | 32 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 153 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Project No.: 4032676

| Parameter | Units | 4032676022 | | 311958 | | 311959 | | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|----------------------------|-------|------------|----------------|-----------------|-----------|------------|----|-------|--------|--------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | | | | | | | |
| Benzo(k)fluoranthene | ug/kg | <29.8 | 1900 | 1900 | 1570 | 1440 | 83 | 76 | 29-130 | 9 | 37 | | |
| Benzyl alcohol | ug/kg | <23.6 | 1900 | 1900 | 1370 | 1220 | 73 | 64 | 40-130 | 12 | 40 | | |
| bis(2-Chloroethoxy)methane | ug/kg | <22.8 | 1900 | 1900 | 1380 | 1220 | 73 | 64 | 55-130 | 12 | 22 | | |
| bis(2-Chloroethyl) ether | ug/kg | <94.6 | 1900 | 1900 | 1190 | 1010 | 63 | 53 | 49-130 | 16 | 29 | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | <38.7 | 1900 | 1900 | 1630 | 1490 | 86 | 79 | 21-166 | 9 | 43 | | |
| Butylbenzylphthalate | ug/kg | <42.6 | 1900 | 1900 | 1500 | 1380 | 79 | 73 | 32-149 | 8 | 24 | | |
| Chrysene | ug/kg | <27.6 | 1900 | 1900 | 1290 | 1150 | 68 | 61 | 34-130 | 12 | 45 | | |
| Di-n-butylphthalate | ug/kg | <31.7 | 1900 | 1900 | 1580 | 1460 | 83 | 77 | 48-130 | 8 | 26 | | |
| Di-n-octylphthalate | ug/kg | <20.7 | 1900 | 1900 | 1670 | 1500 | 89 | 79 | 34-146 | 11 | 27 | | |
| Dibenz(a,h)anthracene | ug/kg | <34.6 | 1900 | 1900 | 1190 | 950 | 63 | 50 | 17-130 | 23 | 41 | | |
| Dibenzofuran | ug/kg | <94.6 | 1900 | 1900 | 1620 | 1420 | 86 | 75 | 60-130 | 14 | 20 | | |
| Diethylphthalate | ug/kg | <94.6 | 1900 | 1900 | 1690 | 1450 | 90 | 77 | 52-130 | 16 | 23 | | |
| Dimethylphthalate | ug/kg | <19.9 | 1900 | 1900 | 1510 | 1300 | 80 | 69 | 54-130 | 15 | 20 | | |
| Fluoranthene | ug/kg | <33.5 | 1900 | 1900 | 1420 | 1330 | 75 | 70 | 36-130 | 7 | 39 | | |
| Fluorene | ug/kg | <9.5 | 1900 | 1900 | 1480 | 1320 | 78 | 70 | 55-130 | 12 | 22 | | |
| Hexachloro-1,3-butadiene | ug/kg | <24.3 | 1900 | 1900 | 1530 | 1360 | 81 | 72 | 50-130 | 11 | 26 | | |
| Hexachlorobenzene | ug/kg | <11.1 | 1900 | 1900 | 1580 | 1410 | 84 | 75 | 51-130 | 12 | 21 | | |
| Hexachlorocyclopentadiene | ug/kg | <94.6 | 1900 | 1900 | 1180 | 916 | 62 | 48 | 10-130 | 25 | 36 | | |
| Hexachloroethane | ug/kg | <23.9 | 1900 | 1900 | 1360 | 1160 | 72 | 61 | 42-130 | 16 | 33 | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <25.4 | 1900 | 1900 | 1100 | 747 | 58 | 40 | 10-143 | 38 | 59 | | |
| Isophorone | ug/kg | <94.6 | 1900 | 1900 | 1120 | 973 | 59 | 51 | 10-130 | 14 | 21 | | |
| N-Nitroso-di-n-propylamine | ug/kg | <22.4 | 1900 | 1900 | 1160 | 968 | 61 | 51 | 52-130 | 18 | 24 | M0 | |
| N-Nitrosodiphenylamine | ug/kg | <26.0 | 1900 | 1900 | 1670 | 1460 | 88 | 77 | 42-138 | 13 | 25 | | |
| Naphthalene | ug/kg | 721 | 1900 | 1900 | 1820 | 1530 | 58 | 43 | 54-130 | 17 | 24 | M0 | |
| Nitrobenzene | ug/kg | <21.7 | 1900 | 1900 | 1330 | 1130 | 71 | 60 | 48-130 | 17 | 28 | | |
| Pentachlorophenol | ug/kg | <94.6 | 1900 | 1900 | 786 | 588 | 42 | 31 | 10-130 | 29 | 32 | | |
| Phenanthrene | ug/kg | <94.6 | 1900 | 1900 | 1440 | 1250 | 75 | 64 | 52-130 | 14 | 24 | | |
| Phenol | ug/kg | <22.5 | 1900 | 1900 | 1250 | 1040 | 66 | 55 | 41-130 | 19 | 25 | | |
| Pyrene | ug/kg | <46.1 | 1900 | 1900 | 1220 | 1150 | 64 | 60 | 34-136 | 6 | 56 | | |
| 2,4,6-Tribromophenol (S) | %- | | | | | | 88 | 76 | 23-130 | | | | |
| 2-Fluorobiphenyl (S) | %- | | | | | | 84 | 69 | 46-130 | | | | |
| 2-Fluorophenol (S) | %- | | | | | | 71 | 59 | 28-130 | | | | |
| Nitrobenzene-d5 (S) | %- | | | | | | 70 | 58 | 37-130 | | | | |
| Phenol-d6 (S) | %- | | | | | | 66 | 57 | 30-130 | | | | |
| Terphenyl-d14 (S) | %- | | | | | | 67 | 59 | 27-135 | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

QC Batch: OEXT/7417

Analysis Method: EPA 8270

QC Batch Method: EPA 3510

Analysis Description: 8270 Water MSSV

Associated Lab Samples: 4032676007

METHOD BLANK: 309090

Matrix: Water

Associated Lab Samples: 4032676007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4-Trichlorobenzene | ug/L | <0.87 | 5.0 | 06/07/10 10:18 | |
| 1,2-Dichlorobenzene | ug/L | <0.71 | 5.0 | 06/07/10 10:18 | |
| 1,3-Dichlorobenzene | ug/L | <0.83 | 5.0 | 06/07/10 10:18 | |
| 1,4-Dichlorobenzene | ug/L | <0.86 | 5.0 | 06/07/10 10:18 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | <0.82 | 5.0 | 06/07/10 10:18 | |
| 2,4,5-Trichlorophenol | ug/L | <1.0 | 5.0 | 06/07/10 10:18 | |
| 2,4,6-Trichlorophenol | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| 2,4-Dichlorophenol | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| 2,4-Dimethylphenol | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| 2,4-Dinitrophenol | ug/L | <2.1 | 10.0 | 06/07/10 10:18 | |
| 2,4-Dinitrotoluene | ug/L | <0.80 | 5.0 | 06/07/10 10:18 | |
| 2,6-Dinitrotoluene | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| 2-Chloronaphthalene | ug/L | <0.84 | 5.0 | 06/07/10 10:18 | |
| 2-Chlorophenol | ug/L | <0.70 | 5.0 | 06/07/10 10:18 | |
| 2-Methylnaphthalene | ug/L | <1.4 | 5.0 | 06/07/10 10:18 | |
| 2-Methylphenol(o-Cresol) | ug/L | <0.97 | 5.0 | 06/07/10 10:18 | |
| 2-Nitroaniline | ug/L | <0.84 | 5.0 | 06/07/10 10:18 | |
| 2-Nitrophenol | ug/L | <1.4 | 5.0 | 06/07/10 10:18 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | <0.77 | 5.0 | 06/07/10 10:18 | |
| 3,3'-Dichlorobenzidine | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| 3-Nitroaniline | ug/L | <0.97 | 5.0 | 06/07/10 10:18 | |
| 4,6-Dinitro-2-methylphenol | ug/L | <0.75 | 5.0 | 06/07/10 10:18 | |
| 4-Bromophenylphenyl ether | ug/L | <1.3 | 5.0 | 06/07/10 10:18 | |
| 4-Chloro-3-methylphenol | ug/L | <1.0 | 5.0 | 06/07/10 10:18 | |
| 4-Chloroaniline | ug/L | <0.81 | 5.0 | 06/07/10 10:18 | |
| 4-Chlorophenylphenyl ether | ug/L | <1.2 | 5.0 | 06/07/10 10:18 | |
| 4-Nitroaniline | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| 4-Nitrophenol | ug/L | <0.87 | 10.0 | 06/07/10 10:18 | |
| Acenaphthene | ug/L | <0.95 | 5.0 | 06/07/10 10:18 | |
| Acenaphthylene | ug/L | <1.0 | 5.0 | 06/07/10 10:18 | |
| Anthracene | ug/L | <0.63 | 5.0 | 06/07/10 10:18 | |
| Benzo(a)anthracene | ug/L | <0.61 | 5.0 | 06/07/10 10:18 | |
| Benzo(a)pyrene | ug/L | <0.97 | 5.0 | 06/07/10 10:18 | |
| Benzo(b)fluoranthene | ug/L | <1.4 | 5.0 | 06/07/10 10:18 | |
| Benzo(g,h,i)perylene | ug/L | <0.77 | 5.0 | 06/07/10 10:18 | |
| Benzo(k)fluoranthene | ug/L | <1.0 | 5.0 | 06/07/10 10:18 | |
| bis(2-Chloroethoxy)methane | ug/L | <1.2 | 5.0 | 06/07/10 10:18 | |
| bis(2-Chloroethyl) ether | ug/L | <0.66 | 5.0 | 06/07/10 10:18 | |
| bis(2-Ethylhexyl)phthalate | ug/L | <2.6 | 5.0 | 06/07/10 10:18 | |
| Butylbenzylphthalate | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| Carbazole | ug/L | <0.69 | 5.0 | 06/07/10 10:18 | |
| Chrysene | ug/L | <0.78 | 5.0 | 06/07/10 10:18 | |
| Di-n-butylphthalate | ug/L | <0.90 | 5.0 | 06/07/10 10:18 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 155 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

METHOD BLANK: 309090

Matrix: Water

Associated Lab Samples: 4032676007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Di-n-octylphthalate | ug/L | <1.5 | 5.0 | 06/07/10 10:18 | |
| Dibenz(a,h)anthracene | ug/L | <1.4 | 5.0 | 06/07/10 10:18 | |
| Dibenzofuran | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| Diethylphthalate | ug/L | <1.3 | 5.0 | 06/07/10 10:18 | |
| Dimethylphthalate | ug/L | <1.0 | 5.0 | 06/07/10 10:18 | |
| Fluoranthene | ug/L | <0.91 | 5.0 | 06/07/10 10:18 | |
| Fluorene | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| Hexachloro-1,3-butadiene | ug/L | <0.66 | 10.0 | 06/07/10 10:18 | |
| Hexachlorobenzene | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| Hexachlorocyclopentadiene | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| Hexachloroethane | ug/L | <0.58 | 5.0 | 06/07/10 10:18 | |
| Indeno(1,2,3-cd)pyrene | ug/L | <0.67 | 5.0 | 06/07/10 10:18 | |
| Isophorone | ug/L | <1.4 | 5.0 | 06/07/10 10:18 | |
| N-Nitroso-di-n-propylamine | ug/L | <1.1 | 5.0 | 06/07/10 10:18 | |
| N-Nitrosodiphenylamine | ug/L | <2.5 | 10.0 | 06/07/10 10:18 | |
| Naphthalene | ug/L | <0.70 | 5.0 | 06/07/10 10:18 | |
| Nitrobenzene | ug/L | <1.4 | 5.0 | 06/07/10 10:18 | |
| Pentachlorophenol | ug/L | <1.1 | 10.0 | 06/07/10 10:18 | |
| Phenanthrene | ug/L | <0.63 | 5.0 | 06/07/10 10:18 | |
| Phenol | ug/L | <1.0 | 5.0 | 06/07/10 10:18 | |
| Pyrene | ug/L | <1.6 | 5.0 | 06/07/10 10:18 | |
| 2,4,6-Tribromophenol (S) | %- | 121 | 42-130 | 06/07/10 10:18 | |
| 2-Fluorobiphenyl (S) | %- | 90 | 66-130 | 06/07/10 10:18 | |
| 2-Fluorophenol (S) | %- | 52 | 32-130 | 06/07/10 10:18 | |
| Nitrobenzene-d5 (S) | %- | 76 | 66-130 | 06/07/10 10:18 | |
| Phenol-d6 (S) | %- | 32 | 20-130 | 06/07/10 10:18 | |
| Terphenyl-d14 (S) | %- | 77 | 52-130 | 06/07/10 10:18 | |

LABORATORY CONTROL SAMPLE & LCSD: 309091

309092

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,2,4-Trichlorobenzene | ug/L | 50 | 34.6 | 39.8 | 69 | 80 | 63-130 | 14 | 20 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 31.1 | 37.4 | 62 | 75 | 55-130 | 19 | 24 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 30.0 | 36.1 | 60 | 72 | 51-130 | 18 | 26 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 30.9 | 35.8 | 62 | 72 | 52-130 | 15 | 20 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | 50 | 27.5 | 31.4 | 55 | 63 | 58-130 | 13 | 20 L0 | |
| 2,4,5-Trichlorophenol | ug/L | 50 | 41.9 | 42.8 | 84 | 86 | 70-130 | 2 | 20 | |
| 2,4,6-Trichlorophenol | ug/L | 50 | 41.7 | 42.7 | 83 | 85 | 70-130 | 2 | 20 | |
| 2,4-Dichlorophenol | ug/L | 50 | 41.9 | 46.4 | 84 | 93 | 68-130 | 10 | 20 | |
| 2,4-Dimethylphenol | ug/L | 50 | 25.2 | 27.0 | 50 | 54 | 34-130 | 7 | 25 | |
| 2,4-Dinitrophenol | ug/L | 50 | 40.3 | 38.8 | 81 | 78 | 43-130 | 4 | 30 | |
| 2,4-Dinitrotoluene | ug/L | 50 | 46.3 | 48.1 | 93 | 96 | 70-130 | 4 | 20 | |
| 2,6-Dinitrotoluene | ug/L | 50 | 47.0 | 46.5 | 94 | 93 | 70-130 | 1 | 20 | |
| 2-Chloronaphthalene | ug/L | 50 | 44.2 | 45.5 | 88 | 91 | 70-130 | 3 | 20 | |
| 2-Chlorophenol | ug/L | 50 | 36.4 | 40.1 | 73 | 80 | 59-130 | 10 | 22 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 156 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| LABORATORY CONTROL SAMPLE & LCSD: | | 309091 | 309092 | | | | | | | |
|-----------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| 2-Methylnaphthalene | ug/L | 50 | 41.3 | 44.1 | 83 | 88 | 70-130 | 7 | 20 | |
| 2-Methylphenol(o-Cresol) | ug/L | 50 | 32.8 | 34.9 | 66 | 70 | 54-130 | 6 | 20 | |
| 2-Nitroaniline | ug/L | 50 | 39.3 | 36.9 | 79 | 74 | 67-130 | 6 | 20 | |
| 2-Nitrophenol | ug/L | 50 | 41.9 | 46.1 | 84 | 92 | 65-130 | 9 | 20 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 50 | 29.6 | 32.5 | 59 | 65 | 48-130 | 10 | 24 | |
| 3,3'-Dichlorobenzidine | ug/L | 50 | 38.7 | 33.8 | 77 | 68 | 39-130 | 13 | 25 | |
| 3-Nitroaniline | ug/L | 50 | 48.4 | 48.8 | 97 | 98 | 64-130 | .9 | 20 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 50 | 43.7 | 43.8 | 87 | 88 | 65-130 | .2 | 20 | |
| 4-Bromophenylphenyl ether | ug/L | 50 | 45.8 | 49.5 | 92 | 99 | 70-130 | 8 | 20 | |
| 4-Chloro-3-methylphenol | ug/L | 50 | 38.7 | 39.6 | 77 | 79 | 70-130 | 2 | 20 | |
| 4-Chloroaniline | ug/L | 50 | 42.9 | 44.8 | 86 | 90 | 34-130 | 4 | 20 | |
| 4-Chlorophenylphenyl ether | ug/L | 50 | 43.7 | 45.6 | 87 | 91 | 70-130 | 4 | 20 | |
| 4-Nitroaniline | ug/L | 50 | 47.1 | 48.4 | 94 | 97 | 53-140 | 3 | 22 | |
| 4-Nitrophenol | ug/L | 50 | 14.3 | 16.8 | 29 | 34 | 13-130 | 16 | 24 | |
| Acenaphthene | ug/L | 50 | 45.3 | 46.1 | 91 | 92 | 70-130 | 2 | 20 | |
| Acenaphthylene | ug/L | 50 | 41.4 | 43.0 | 83 | 86 | 70-130 | 4 | 20 | |
| Anthracene | ug/L | 50 | 43.4 | 44.8 | 87 | 90 | 70-130 | 3 | 20 | |
| Benzo(a)anthracene | ug/L | 50 | 43.1 | 46.2 | 86 | 92 | 62-130 | 7 | 20 | |
| Benzo(a)pyrene | ug/L | 50 | 39.9 | 42.1 | 80 | 84 | 53-130 | 6 | 20 | |
| Benzo(b)fluoranthene | ug/L | 50 | 46.5 | 46.0 | 93 | 92 | 57-130 | 1 | 21 | |
| Benzo(g,h,i)perylene | ug/L | 50 | 41.4 | 46.0 | 83 | 92 | 47-130 | 11 | 23 | |
| Benzo(k)fluoranthene | ug/L | 50 | 42.0 | 48.0 | 84 | 96 | 58-133 | 13 | 20 | |
| bis(2-Chloroethoxy)methane | ug/L | 50 | 39.6 | 41.5 | 79 | 83 | 70-130 | 5 | 20 | |
| bis(2-Chloroethyl) ether | ug/L | 50 | 29.7 | 32.8 | 59 | 66 | 59-130 | 10 | 23 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 50 | 45.1 | 47.6 | 90 | 95 | 66-130 | 5 | 20 | |
| Butylbenzylphthalate | ug/L | 50 | 44.9 | 46.5 | 90 | 93 | 64-130 | 4 | 20 | |
| Carbazole | ug/L | 50 | 44.6 | 47.8 | 89 | 96 | 70-130 | 7 | 20 | |
| Chrysene | ug/L | 50 | 43.1 | 43.6 | 86 | 87 | 60-130 | 1 | 20 | |
| Di-n-butylphthalate | ug/L | 50 | 47.7 | 49.0 | 95 | 98 | 70-130 | 3 | 20 | |
| Di-n-octylphthalate | ug/L | 50 | 46.6 | 50.8 | 93 | 102 | 57-130 | 9 | 20 | |
| Dibenz(a,h)anthracene | ug/L | 50 | 38.1 | 45.1 | 76 | 90 | 43-130 | 17 | 32 | |
| Dibenzofuran | ug/L | 50 | 49.5 | 49.5 | 99 | 99 | 70-130 | .01 | 20 | |
| Diethylphthalate | ug/L | 50 | 51.2 | 51.4 | 102 | 103 | 70-130 | .4 | 20 | |
| Dimethylphthalate | ug/L | 50 | 46.7 | 47.8 | 93 | 96 | 70-130 | 2 | 20 | |
| Fluoranthene | ug/L | 50 | 42.6 | 43.5 | 85 | 87 | 69-130 | 2 | 20 | |
| Fluorene | ug/L | 50 | 46.1 | 46.5 | 92 | 93 | 70-130 | .8 | 20 | |
| Hexachloro-1,3-butadiene | ug/L | 50 | 32.9 | 38.1 | 66 | 76 | 59-130 | 15 | 20 | |
| Hexachlorobenzene | ug/L | 50 | 51.4 | 53.1 | 103 | 106 | 68-130 | 3 | 20 | |
| Hexachlorocyclopentadiene | ug/L | 50 | 21.3 | 29.5 | 43 | 59 | 10-130 | 32 | 37 | |
| Hexachloroethane | ug/L | 50 | 25.8 | 29.7 | 52 | 59 | 50-130 | 14 | 21 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 50 | 40.6 | 46.4 | 81 | 93 | 13-147 | 13 | 77 | |
| Isophorone | ug/L | 50 | 32.9 | 36.4 | 66 | 73 | 10-149 | 10 | 20 | |
| N-Nitroso-di-n-propylamine | ug/L | 50 | 33.2 | 35.7 | 66 | 71 | 66-130 | 7 | 20 | |
| N-Nitrosodiphenylamine | ug/L | 50 | 45.4 | 42.3 | 91 | 85 | 54-132 | 7 | 42 | |
| Naphthalene | ug/L | 50 | 35.5 | 40.4 | 71 | 81 | 68-130 | 13 | 20 | |
| Nitrobenzene | ug/L | 50 | 34.0 | 39.3 | 68 | 79 | 63-130 | 15 | 20 | |
| Pentachlorophenol | ug/L | 50 | 29.7 | 24.4 | 59 | 49 | 54-130 | 20 | 20 L0 | |
| Phenanthrene | ug/L | 50 | 43.3 | 45.6 | 87 | 91 | 70-130 | 5 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

| LABORATORY CONTROL SAMPLE & LCSD: 309091 | | 309092 | | | | | | | | | |
|--|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|--|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers | |
| Phenol | ug/L | 50 | 17.6 | 19.2 | 35 | 38 | 23-130 | 9 | 24 | | |
| Pyrene | ug/L | 50 | 38.1 | 39.2 | 76 | 78 | 50-132 | 3 | 24 | | |
| 2,4,6-Tribromophenol (S) | %- | | | | 114 | 106 | 42-130 | | | | |
| 2-Fluorobiphenyl (S) | %- | | | | 80 | 84 | 66-130 | | | | |
| 2-Fluorophenol (S) | %- | | | | 47 | 51 | 32-130 | | | | |
| Nitrobenzene-d5 (S) | %- | | | | 61 | 73 | 66-130 | | | S0 | |
| Phenol-d6 (S) | %- | | | | 32 | 34 | 20-130 | | | | |
| Terphenyl-d14 (S) | %- | | | | 77 | 78 | 52-130 | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

QC Batch: MSV/8011 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
 Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009,
 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017,
 4032676018, 4032676019, 4032676020, 4032676021

METHOD BLANK: 309147 Matrix: Solid

Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009,
 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017,
 4032676018, 4032676019, 4032676020, 4032676021

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,1-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,2,3-Trichlorobenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,2,3-Trichloropropane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,2,4-Trichlorobenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,2,4-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <82.3 | 250 | 06/04/10 09:55 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,2-Dichlorobenzene | ug/kg | <44.4 | 60.0 | 06/04/10 09:55 | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,3,5-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,3-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 2,2-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 2-Chlorotoluene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 4-Chlorotoluene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Benzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Bromobenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Bromochloromethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Bromodichloromethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Bromoform | ug/kg | <25.9 | 60.0 | 06/04/10 09:55 | |
| Bromomethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Carbon tetrachloride | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Chlorobenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Chloroethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Chloroform | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Chloromethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| cis-1,3-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Dibromochloromethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Dibromomethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Dichlorodifluoromethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 159 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

METHOD BLANK: 309147

Matrix: Solid

Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009, 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017, 4032676018, 4032676019, 4032676020, 4032676021

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Diisopropyl ether | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Ethylbenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Hexachloro-1,3-butadiene | ug/kg | <26.4 | 60.0 | 06/04/10 09:55 | |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| m&p-Xylene | ug/kg | <50.0 | 120 | 06/04/10 09:55 | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Methylene Chloride | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| n-Butylbenzene | ug/kg | <40.4 | 60.0 | 06/04/10 09:55 | |
| n-Propylbenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Naphthalene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| o-Xylene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| p-Isopropyltoluene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| sec-Butylbenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Styrene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| tert-Butylbenzene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Tetrachloroethene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Toluene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Trichloroethene | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Trichlorofluoromethane | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| Vinyl chloride | ug/kg | <25.0 | 60.0 | 06/04/10 09:55 | |
| 4-Bromofluorobenzene (S) | %- | 97 | 55-141 | 06/04/10 09:55 | |
| Dibromofluoromethane (S) | %- | 95 | 67-143 | 06/04/10 09:55 | |
| Toluene-d8 (S) | %- | 110 | 67-132 | 06/04/10 09:55 | |

LABORATORY CONTROL SAMPLE & LCSD: 309148

309149

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2410 | 2440 | 97 | 97 | 67-130 | 1 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 2450 | 2450 | 98 | 98 | 70-130 | .04 | 20 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2540 | 2540 | 101 | 102 | 70-130 | .3 | 20 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2470 | 2480 | 99 | 99 | 70-130 | .6 | 20 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2420 | 2430 | 97 | 97 | 70-130 | .08 | 20 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 2410 | 2430 | 97 | 97 | 70-130 | .6 | 20 | |
| 1,2-Dichloropropane | ug/kg | 2500 | 2620 | 2600 | 105 | 104 | 70-130 | .5 | 20 | |
| Benzene | ug/kg | 2500 | 2520 | 2550 | 101 | 102 | 70-130 | 1 | 20 | |
| Bromodichloromethane | ug/kg | 2500 | 2070 | 2070 | 83 | 83 | 70-130 | .04 | 20 | |
| Bromoform | ug/kg | 2500 | 1860 | 1870 | 75 | 75 | 68-130 | .2 | 20 | |
| Bromomethane | ug/kg | 2500 | 2090 | 2100 | 83 | 84 | 52-160 | .9 | 20 | |
| Carbon tetrachloride | ug/kg | 2500 | 2220 | 2240 | 89 | 90 | 70-130 | 1 | 20 | |
| Chlorobenzene | ug/kg | 2500 | 2540 | 2570 | 102 | 103 | 70-130 | 1 | 20 | |
| Chloroethane | ug/kg | 2500 | 2390 | 2380 | 95 | 95 | 38-172 | .3 | 20 | |
| Chloroform | ug/kg | 2500 | 2340 | 2330 | 93 | 93 | 70-130 | .1 | 20 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 160 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| LABORATORY CONTROL SAMPLE & LCSD: 309148 | | 309149 | | | | | | | | |
|--|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| Chloromethane | ug/kg | 2500 | 2280 | 2220 | 91 | 89 | 68-130 | 2 | 20 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2440 | 2490 | 97 | 100 | 70-130 | 2 | 20 | |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 2220 | 2230 | 89 | 89 | 70-130 | .5 | 20 | |
| Dibromochloromethane | ug/kg | 2500 | 2160 | 2210 | 86 | 88 | 70-130 | 2 | 20 | |
| Ethylbenzene | ug/kg | 2500 | 2720 | 2740 | 109 | 110 | 70-130 | .9 | 20 | |
| m&p-Xylene | ug/kg | 5000 | 5710 | 5660 | 114 | 113 | 70-130 | .9 | 20 | |
| Methylene Chloride | ug/kg | 2500 | 2360 | 2380 | 94 | 95 | 70-130 | .8 | 20 | |
| o-Xylene | ug/kg | 2500 | 2510 | 2540 | 100 | 102 | 70-130 | 1 | 20 | |
| Styrene | ug/kg | 2500 | 2400 | 2410 | 96 | 97 | 66-130 | .7 | 20 | |
| Tetrachloroethene | ug/kg | 2500 | 2580 | 2550 | 103 | 102 | 70-130 | 1 | 20 | |
| Toluene | ug/kg | 2500 | 2740 | 2780 | 110 | 111 | 70-130 | 1 | 20 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2410 | 2410 | 96 | 96 | 70-130 | .06 | 20 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 2070 | 2070 | 83 | 83 | 70-130 | .03 | 20 | |
| Trichloroethene | ug/kg | 2500 | 2500 | 2500 | 100 | 100 | 70-130 | .09 | 20 | |
| Vinyl chloride | ug/kg | 2500 | 2210 | 2190 | 88 | 87 | 70-130 | 1 | 20 | |
| 4-Bromofluorobenzene (S) | %- | | | | 96 | 96 | 55-141 | | | |
| Dibromofluoromethane (S) | %- | | | | 101 | 102 | 67-143 | | | |
| Toluene-d8 (S) | %- | | | | 110 | 109 | 67-132 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: MSV/8030 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

METHOD BLANK: 310256 Matrix: Solid
Associated Lab Samples: 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,1-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,2,3-Trichlorobenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,2,3-Trichloropropane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,2,4-Trichlorobenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,2,4-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <82.3 | 250 | 06/07/10 11:23 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,2-Dichlorobenzene | ug/kg | <44.4 | 60.0 | 06/07/10 11:23 | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,3,5-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,3-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 2,2-Dichloropropane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 2-Chlorotoluene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 4-Chlorotoluene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Benzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Bromobenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Bromochloromethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Bromodichloromethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Bromoform | ug/kg | <25.9 | 60.0 | 06/07/10 11:23 | |
| Bromomethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Carbon tetrachloride | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Chlorobenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Chloroethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Chloroform | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Chloromethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| cis-1,3-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Dibromochloromethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Dibromomethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Dichlorodifluoromethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Diisopropyl ether | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Ethylbenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Hexachloro-1,3-butadiene | ug/kg | <26.4 | 60.0 | 06/07/10 11:23 | |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 162 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

METHOD BLANK: 310256

Matrix: Solid

Associated Lab Samples: 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| m&p-Xylene | ug/kg | <50.0 | 120 | 06/07/10 11:23 | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Methylene Chloride | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| n-Butylbenzene | ug/kg | <40.4 | 60.0 | 06/07/10 11:23 | |
| n-Propylbenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Naphthalene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| o-Xylene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| p-Isopropyltoluene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| sec-Butylbenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Styrene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| tert-Butylbenzene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Tetrachloroethene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Toluene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Trichloroethene | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Trichlorofluoromethane | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| Vinyl chloride | ug/kg | <25.0 | 60.0 | 06/07/10 11:23 | |
| 4-Bromofluorobenzene (S) | %- | 93 | 55-141 | 06/07/10 11:23 | |
| Dibromofluoromethane (S) | %- | 92 | 67-143 | 06/07/10 11:23 | |
| Toluene-d8 (S) | %- | 107 | 67-132 | 06/07/10 11:23 | |

LABORATORY CONTROL SAMPLE & LCSD: 310257

310258

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2320 | 2440 | 93 | 98 | 67-130 | 5 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 2310 | 2490 | 92 | 99 | 70-130 | 7 | 20 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2390 | 2650 | 96 | 106 | 70-130 | 10 | 20 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2380 | 2500 | 95 | 100 | 70-130 | 5 | 20 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2250 | 2420 | 90 | 97 | 70-130 | 7 | 20 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 2310 | 2440 | 92 | 97 | 70-130 | 5 | 20 | |
| 1,2-Dichloropropane | ug/kg | 2500 | 2470 | 2660 | 99 | 106 | 70-130 | 7 | 20 | |
| Benzene | ug/kg | 2500 | 2410 | 2550 | 97 | 102 | 70-130 | 6 | 20 | |
| Bromodichloromethane | ug/kg | 2500 | 1980 | 2150 | 79 | 86 | 70-130 | 8 | 20 | |
| Bromoform | ug/kg | 2500 | 1750 | 1930 | 70 | 77 | 68-130 | 10 | 20 | |
| Bromomethane | ug/kg | 2500 | 1910 | 2120 | 77 | 85 | 52-160 | 10 | 20 | |
| Carbon tetrachloride | ug/kg | 2500 | 2140 | 2240 | 86 | 90 | 70-130 | 5 | 20 | |
| Chlorobenzene | ug/kg | 2500 | 2460 | 2600 | 98 | 104 | 70-130 | 6 | 20 | |
| Chloroethane | ug/kg | 2500 | 2460 | 2370 | 99 | 95 | 38-172 | 4 | 20 | |
| Chloroform | ug/kg | 2500 | 2230 | 2370 | 89 | 95 | 70-130 | 6 | 20 | |
| Chloromethane | ug/kg | 2500 | 2100 | 2180 | 84 | 87 | 68-130 | 4 | 20 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2300 | 2470 | 92 | 99 | 70-130 | 7 | 20 | |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 2080 | 2250 | 83 | 90 | 70-130 | 8 | 20 | |
| Dibromochloromethane | ug/kg | 2500 | 2080 | 2230 | 83 | 89 | 70-130 | 7 | 20 | |
| Ethylbenzene | ug/kg | 2500 | 2660 | 2830 | 106 | 113 | 70-130 | 6 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| LABORATORY CONTROL SAMPLE & LCSD: | | 310257 | 310258 | | LCS | LCSD | % Rec | | Max | |
|-----------------------------------|-------|-------------|------------|-------------|-------|-------|--------------|-----|-----|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | % Rec | % Rec | % Rec Limits | RPD | RPD | Qualifiers |
| m&p-Xylene | ug/kg | 5000 | 5580 | 5850 | 112 | 117 | 70-130 | 5 | 20 | |
| Methylene Chloride | ug/kg | 2500 | 2210 | 2340 | 89 | 93 | 70-130 | 5 | 20 | |
| o-Xylene | ug/kg | 2500 | 2460 | 2630 | 98 | 105 | 70-130 | 7 | 20 | |
| Styrene | ug/kg | 2500 | 2370 | 2510 | 95 | 101 | 66-130 | 6 | 20 | |
| Tetrachloroethene | ug/kg | 2500 | 2520 | 2640 | 101 | 106 | 70-130 | 5 | 20 | |
| Toluene | ug/kg | 2500 | 2680 | 2840 | 107 | 114 | 70-130 | 6 | 20 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2280 | 2410 | 91 | 96 | 70-130 | 6 | 20 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 2010 | 2160 | 80 | 87 | 70-130 | 7 | 20 | |
| Trichloroethene | ug/kg | 2500 | 2390 | 2580 | 96 | 103 | 70-130 | 7 | 20 | |
| Vinyl chloride | ug/kg | 2500 | 2080 | 2170 | 83 | 87 | 70-130 | 4 | 20 | |
| 4-Bromofluorobenzene (S) | %- | | | | 93 | 100 | 55-141 | | | |
| Dibromofluoromethane (S) | %- | | | | 95 | 102 | 67-143 | | | |
| Toluene-d8 (S) | %- | | | | 105 | 112 | 67-132 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| | | | |
|-------------------------|------------|-----------------------|----------|
| QC Batch: | MSV/8003 | Analysis Method: | EPA 8260 |
| QC Batch Method: | EPA 8260 | Analysis Description: | 8260 MSV |
| Associated Lab Samples: | 4032676007 | | |

METHOD BLANK: 309034 Matrix: Water

Associated Lab Samples: 4032676007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.92 | 1.0 | 06/04/10 12:28 | |
| 1,1,1-Trichloroethane | ug/L | <0.90 | 1.0 | 06/04/10 12:28 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 1.0 | 06/04/10 12:28 | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 1.0 | 06/04/10 12:28 | |
| 1,1-Dichloroethane | ug/L | <0.75 | 1.0 | 06/04/10 12:28 | |
| 1,1-Dichloroethene | ug/L | <0.57 | 1.0 | 06/04/10 12:28 | |
| 1,1-Dichloropropene | ug/L | <0.75 | 1.0 | 06/04/10 12:28 | |
| 1,2,3-Trichlorobenzene | ug/L | <0.74 | 1.0 | 06/04/10 12:28 | |
| 1,2,3-Trichloropropane | ug/L | <0.99 | 1.0 | 06/04/10 12:28 | |
| 1,2,4-Trichlorobenzene | ug/L | <0.97 | 1.0 | 06/04/10 12:28 | |
| 1,2,4-Trimethylbenzene | ug/L | <0.97 | 1.0 | 06/04/10 12:28 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <1.7 | 5.0 | 06/04/10 12:28 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.56 | 1.0 | 06/04/10 12:28 | |
| 1,2-Dichlorobenzene | ug/L | <0.83 | 1.0 | 06/04/10 12:28 | |
| 1,2-Dichloroethane | ug/L | <0.36 | 1.0 | 06/04/10 12:28 | |
| 1,2-Dichloropropane | ug/L | <0.49 | 1.0 | 06/04/10 12:28 | |
| 1,3,5-Trimethylbenzene | ug/L | <0.83 | 1.0 | 06/04/10 12:28 | |
| 1,3-Dichlorobenzene | ug/L | <0.87 | 1.0 | 06/04/10 12:28 | |
| 1,3-Dichloropropane | ug/L | <0.61 | 1.0 | 06/04/10 12:28 | |
| 1,4-Dichlorobenzene | ug/L | <0.95 | 1.0 | 06/04/10 12:28 | |
| 2,2-Dichloropropane | ug/L | <0.62 | 1.0 | 06/04/10 12:28 | |
| 2-Chlorotoluene | ug/L | <0.85 | 1.0 | 06/04/10 12:28 | |
| 4-Chlorotoluene | ug/L | <0.74 | 1.0 | 06/04/10 12:28 | |
| Benzene | ug/L | <0.41 | 1.0 | 06/04/10 12:28 | |
| Bromobenzene | ug/L | <0.82 | 1.0 | 06/04/10 12:28 | |
| Bromochloromethane | ug/L | <0.97 | 1.0 | 06/04/10 12:28 | |
| Bromodichloromethane | ug/L | <0.56 | 1.0 | 06/04/10 12:28 | |
| Bromoform | ug/L | <0.94 | 1.0 | 06/04/10 12:28 | |
| Bromomethane | ug/L | <0.91 | 1.0 | 06/04/10 12:28 | |
| Carbon tetrachloride | ug/L | <0.49 | 1.0 | 06/04/10 12:28 | |
| Chlorobenzene | ug/L | <0.41 | 1.0 | 06/04/10 12:28 | |
| Chloroethane | ug/L | <0.97 | 1.0 | 06/04/10 12:28 | |
| Chloroform | ug/L | <1.3 | 5.0 | 06/04/10 12:28 | |
| Chloromethane | ug/L | <0.24 | 1.0 | 06/04/10 12:28 | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 1.0 | 06/04/10 12:28 | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 1.0 | 06/04/10 12:28 | |
| Dibromochloromethane | ug/L | <0.81 | 1.0 | 06/04/10 12:28 | |
| Dibromomethane | ug/L | <0.60 | 1.0 | 06/04/10 12:28 | |
| Dichlorodifluoromethane | ug/L | <0.99 | 1.0 | 06/04/10 12:28 | |
| Diisopropyl ether | ug/L | <0.76 | 1.0 | 06/04/10 12:28 | |
| Ethylbenzene | ug/L | <0.54 | 1.0 | 06/04/10 12:28 | |
| Hexachloro-1,3-butadiene | ug/L | <0.67 | 5.0 | 06/04/10 12:28 | |
| Isopropylbenzene (Cumene) | ug/L | <0.59 | 1.0 | 06/04/10 12:28 | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 165 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Project No.: 4032676

METHOD BLANK: 309034 Matrix: Water

Associated Lab Samples: 4032676007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| m&p-Xylene | ug/L | <1.8 | 2.0 | 06/04/10 12:28 | |
| Methyl-tert-butyl ether | ug/L | <0.61 | 1.0 | 06/04/10 12:28 | |
| Methylene Chloride | ug/L | <0.43 | 1.0 | 06/04/10 12:28 | |
| n-Butylbenzene | ug/L | <0.93 | 1.0 | 06/04/10 12:28 | |
| n-Propylbenzene | ug/L | <0.81 | 1.0 | 06/04/10 12:28 | |
| Naphthalene | ug/L | <0.89 | 5.0 | 06/04/10 12:28 | |
| o-Xylene | ug/L | <0.83 | 1.0 | 06/04/10 12:28 | |
| p-Isopropyltoluene | ug/L | <0.67 | 1.0 | 06/04/10 12:28 | |
| sec-Butylbenzene | ug/L | <0.89 | 5.0 | 06/04/10 12:28 | |
| Styrene | ug/L | <0.86 | 1.0 | 06/04/10 12:28 | |
| tert-Butylbenzene | ug/L | <0.97 | 1.0 | 06/04/10 12:28 | |
| Tetrachloroethene | ug/L | <0.45 | 1.0 | 06/04/10 12:28 | |
| Toluene | ug/L | <0.67 | 1.0 | 06/04/10 12:28 | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 1.0 | 06/04/10 12:28 | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 1.0 | 06/04/10 12:28 | |
| Trichloroethene | ug/L | <0.48 | 1.0 | 06/04/10 12:28 | |
| Trichlorofluoromethane | ug/L | <0.79 | 1.0 | 06/04/10 12:28 | |
| Vinyl chloride | ug/L | <0.18 | 1.0 | 06/04/10 12:28 | |
| 4-Bromofluorobenzene (S) | %- | 88 | 69-130 | 06/04/10 12:28 | |
| Dibromofluoromethane (S) | %- | 98 | 70-134 | 06/04/10 12:28 | |
| Toluene-d8 (S) | %- | 96 | 70-130 | 06/04/10 12:28 | |

LABORATORY CONTROL SAMPLE & LCSD: 309035 309036

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/L | 50 | 54.2 | 54.0 | 108 | 108 | 70-132 | .3 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 55.4 | 53.2 | 111 | 106 | 63-130 | 4 | 20 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 56.3 | 56.0 | 113 | 112 | 70-130 | .5 | 20 | |
| 1,1-Dichloroethane | ug/L | 50 | 58.0 | 57.2 | 116 | 114 | 70-132 | 1 | 20 | |
| 1,1-Dichloroethene | ug/L | 50 | 59.2 | 57.9 | 118 | 116 | 70-137 | 2 | 20 | |
| 1,2-Dichloroethane | ug/L | 50 | 54.7 | 54.0 | 109 | 108 | 70-130 | 1 | 20 | |
| 1,2-Dichloropropane | ug/L | 50 | 57.0 | 56.7 | 114 | 113 | 70-130 | .4 | 20 | |
| Benzene | ug/L | 50 | 58.7 | 57.4 | 117 | 115 | 70-130 | 2 | 20 | |
| Bromodichloromethane | ug/L | 50 | 56.1 | 55.9 | 112 | 112 | 70-131 | .3 | 20 | |
| Bromoform | ug/L | 50 | 51.0 | 51.3 | 102 | 103 | 70-130 | .6 | 20 | |
| Bromomethane | ug/L | 50 | 50.4 | 52.6 | 101 | 105 | 53-160 | 4 | 20 | |
| Carbon tetrachloride | ug/L | 50 | 54.0 | 53.8 | 108 | 108 | 70-130 | .3 | 20 | |
| Chlorobenzene | ug/L | 50 | 53.0 | 52.6 | 106 | 105 | 70-130 | .8 | 20 | |
| Chloroethane | ug/L | 50 | 59.6 | 58.5 | 119 | 117 | 70-147 | 2 | 20 | |
| Chloroform | ug/L | 50 | 54.6 | 54.0 | 109 | 108 | 70-130 | 1 | 20 | |
| Chloromethane | ug/L | 50 | 51.9 | 51.5 | 104 | 103 | 41-137 | .7 | 20 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 54.7 | 54.5 | 109 | 109 | 70-130 | .4 | 20 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 52.6 | 51.7 | 105 | 103 | 70-130 | 2 | 20 | |
| Dibromochloromethane | ug/L | 50 | 54.2 | 53.6 | 108 | 107 | 70-130 | 1 | 20 | |
| Ethylbenzene | ug/L | 50 | 54.4 | 53.6 | 109 | 107 | 70-130 | 1 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| LABORATORY CONTROL SAMPLE & LCSD: | | 309035 | 309036 | | | | | | | | |
|-----------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|--|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers | |
| m&p-Xylene | ug/L | 100 | 108 | 106 | 108 | 106 | 70-130 | 2 | 20 | | |
| Methylene Chloride | ug/L | 50 | 56.4 | 55.2 | 113 | 110 | 70-130 | 2 | 20 | | |
| o-Xylene | ug/L | 50 | 53.1 | 52.4 | 106 | 105 | 70-130 | 1 | 20 | | |
| Styrene | ug/L | 50 | 52.8 | 51.6 | 106 | 103 | 70-130 | 2 | 20 | | |
| Tetrachloroethene | ug/L | 50 | 51.6 | 50.6 | 103 | 101 | 70-130 | 2 | 20 | | |
| Toluene | ug/L | 50 | 54.4 | 54.0 | 109 | 108 | 70-130 | .7 | 20 | | |
| trans-1,2-Dichloroethene | ug/L | 50 | 58.6 | 59.3 | 117 | 119 | 70-130 | 1 | 20 | | |
| trans-1,3-Dichloropropene | ug/L | 50 | 50.4 | 49.9 | 101 | 100 | 70-130 | .8 | 20 | | |
| Trichloroethene | ug/L | 50 | 55.1 | 54.3 | 110 | 109 | 70-130 | 1 | 20 | | |
| Vinyl chloride | ug/L | 50 | 52.7 | 52.6 | 105 | 105 | 47-131 | .1 | 20 | | |
| 4-Bromofluorobenzene (S) | %- | | | | 91 | 92 | 69-130 | | | | |
| Dibromofluoromethane (S) | %- | | | | 99 | 103 | 70-134 | | | | |
| Toluene-d8 (S) | %- | | | | 97 | 98 | 70-130 | | | | |

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: | | 309274 | 309275 | | | | | | | | | | |
|--|-------|-----------------------|--------|----------------|-----------------|-----------|------------|----------|-----------|--------------|--------|---------|------|
| Parameter | Units | 4032682004 | | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| | | 1,1,1-Trichloroethane | ug/L | <0.90 | 50 | 50 | 53.5 | 53.7 | 107 | 107 | 70-132 | .4 | 20 |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 50 | 50 | 53.7 | 54.8 | 107 | 110 | 61-130 | 2 | 20 | | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 50 | 50 | 55.7 | 56.3 | 111 | 113 | 70-130 | .9 | 20 | | |
| 1,1-Dichloroethane | ug/L | <0.75 | 50 | 50 | 56.7 | 57.0 | 113 | 114 | 70-132 | .5 | 20 | | |
| 1,1-Dichloroethene | ug/L | <0.57 | 50 | 50 | 55.8 | 56.3 | 112 | 113 | 70-137 | 1 | 20 | | |
| 1,2-Dichloroethane | ug/L | <0.36 | 50 | 50 | 53.8 | 54.7 | 108 | 109 | 70-133 | 2 | 20 | | |
| 1,2-Dichloropropane | ug/L | <0.49 | 50 | 50 | 56.0 | 57.6 | 112 | 115 | 70-130 | 3 | 20 | | |
| Benzene | ug/L | <0.41 | 50 | 50 | 57.3 | 57.8 | 115 | 116 | 70-130 | .8 | 20 | | |
| Bromodichloromethane | ug/L | <0.56 | 50 | 50 | 55.5 | 56.1 | 111 | 112 | 70-131 | 1 | 20 | | |
| Bromoform | ug/L | <0.94 | 50 | 50 | 52.6 | 51.7 | 105 | 103 | 68-130 | 2 | 20 | | |
| Bromomethane | ug/L | <0.91 | 50 | 50 | 49.4 | 53.0 | 99 | 106 | 47-177 | 7 | 20 | | |
| Carbon tetrachloride | ug/L | <0.49 | 50 | 50 | 52.7 | 53.2 | 105 | 106 | 70-149 | .9 | 20 | | |
| Chlorobenzene | ug/L | <0.41 | 50 | 50 | 53.2 | 53.0 | 106 | 106 | 70-130 | .5 | 20 | | |
| Chloroethane | ug/L | <0.97 | 50 | 50 | 56.1 | 57.3 | 112 | 115 | 66-147 | 2 | 20 | | |
| Chloroform | ug/L | <1.3 | 50 | 50 | 54.5 | 54.2 | 109 | 108 | 70-130 | .6 | 20 | | |
| Chloromethane | ug/L | 0.28J | 50 | 50 | 45.1 | 48.1 | 90 | 96 | 41-137 | 6 | 20 | | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 50 | 50 | 54.0 | 54.0 | 108 | 108 | 70-130 | .06 | 20 | | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 50 | 50 | 52.5 | 53.7 | 105 | 107 | 70-130 | 2 | 20 | | |
| Dibromochloromethane | ug/L | <0.81 | 50 | 50 | 54.3 | 53.9 | 109 | 108 | 70-130 | .7 | 20 | | |
| Ethylbenzene | ug/L | <0.54 | 50 | 50 | 54.2 | 54.3 | 108 | 109 | 70-130 | .2 | 20 | | |
| m&p-Xylene | ug/L | <1.8 | 100 | 100 | 107 | 106 | 106 | 106 | 70-130 | .1 | 20 | | |
| Methylene Chloride | ug/L | <0.43 | 50 | 50 | 55.7 | 55.9 | 111 | 111 | 70-130 | .5 | 20 | | |
| o-Xylene | ug/L | <0.83 | 50 | 50 | 52.4 | 52.9 | 105 | 106 | 70-130 | 1 | 20 | | |
| Styrene | ug/L | <0.86 | 50 | 50 | 52.1 | 52.3 | 104 | 105 | 13-149 | .5 | 20 | | |
| Tetrachloroethene | ug/L | <0.45 | 50 | 50 | 50.9 | 51.2 | 102 | 102 | 70-130 | .6 | 20 | | |
| Toluene | ug/L | <0.67 | 50 | 50 | 54.2 | 54.2 | 108 | 108 | 70-130 | .06 | 20 | | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 50 | 50 | 58.5 | 59.5 | 117 | 119 | 70-130 | 2 | 20 | | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 50 | 50 | 51.3 | 50.8 | 103 | 102 | 70-130 | 1 | 20 | | |
| Trichloroethene | ug/L | <0.48 | 50 | 50 | 53.5 | 55.0 | 107 | 110 | 70-130 | 3 | 20 | | |

Date: 06/16/2010 04:33 PM

REPORT OF LABORATORY ANALYSIS

Page 167 of 174

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK

Pace Project No.: 4032676

| Parameter | Units | 4032682004 | | 309274 | | 309275 | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|--------------------------|-------|------------|----------------|-----------------|-----------|------------|----------|-------|-------|--------|--------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | | | | | | | |
| Vinyl chloride | ug/L | <0.18 | 50 | 50 | 48.1 | 48.7 | 96 | 97 | 97 | 46-131 | 1 | 20 | | |
| 4-Bromofluorobenzene (S) | %- | | | | | | 92 | 92 | 92 | 69-130 | | | | |
| Dibromofluoromethane (S) | %- | | | | | | 100 | 101 | 101 | 70-134 | | | HS | |
| Toluene-d8 (S) | %- | | | | | | 99 | 97 | 97 | 70-130 | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: WETA/6580 Analysis Method: EPA 335.4
QC Batch Method: EPA 335.4 Analysis Description: 335.4 Cyanide, Total
Associated Lab Samples: 4032676007

METHOD BLANK: 310129 Matrix: Water
Associated Lab Samples: 4032676007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Cyanide | mg/L | <0.0061 | 0.020 | 06/07/10 16:00 | |

LABORATORY CONTROL SAMPLE: 310130

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Cyanide | mg/L | .1 | 0.097 | 97 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 310131 310132

| Parameter | Units | 4032454001 Result | MS | MSD | MS | MSD | MS | MSD | % Rec | Max | | Qual |
|-----------|-------|-------------------|-------------|-------------|--------|--------|-------|-------|--------|-----|-----|------|
| | | | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | |
| Cyanide | mg/L | <0.037 | .6 | .6 | 0.59 | 0.56 | 97 | 93 | 90-110 | 4 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 310133 310134

| Parameter | Units | 4032684002 Result | MS | MSD | MS | MSD | MS | MSD | % Rec | Max | | Qual |
|-----------|-------|-------------------|-------------|-------------|--------|--------|-------|-------|--------|-----|-----|------|
| | | | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | |
| Cyanide | mg/L | <0.037 | .6 | .6 | 0.59 | 0.60 | 97 | 99 | 90-110 | 2 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: WETA/6657 Analysis Method: EPA 9012
QC Batch Method: EPA 9012A Analysis Description: 9012 Cyanide
Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009, 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017, 4032676018, 4032676019, 4032676020, 4032676021

METHOD BLANK: 314060 Matrix: Solid
Associated Lab Samples: 4032676001, 4032676002, 4032676003, 4032676004, 4032676005, 4032676006, 4032676008, 4032676009, 4032676010, 4032676011, 4032676012, 4032676013, 4032676014, 4032676015, 4032676016, 4032676017, 4032676018, 4032676019, 4032676020, 4032676021

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Cyanide | mg/kg | <0.33 | 0.60 | 06/15/10 17:40 | |

LABORATORY CONTROL SAMPLE: 314061

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Cyanide | mg/kg | 3 | 3.0 | 100 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314062 314063

| Parameter | Units | 4032676011 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Cyanide | mg/kg | <0.24 | 2.2 | 2.2 | 0.62 | 0.69 | 26 | 29 | 80-120 | 12 | 20 | M0 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314064 314065

| Parameter | Units | 4032676021 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Cyanide | mg/kg | <0.27 | 2.4 | 2.4 | 1.0 | 1.0 | 41 | 40 | 80-120 | 2 | 20 | M0 |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

QC Batch: WETA/6659 Analysis Method: EPA 9012
QC Batch Method: EPA 9012A Analysis Description: 9012 Cyanide
Associated Lab Samples: 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

METHOD BLANK: 314070 Matrix: Solid
Associated Lab Samples: 4032676022, 4032676023, 4032676024, 4032676025, 4032676026, 4032676027, 4032676028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Cyanide | mg/kg | <0.33 | 0.60 | 06/15/10 18:14 | |

LABORATORY CONTROL SAMPLE: 314071

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Cyanide | mg/kg | 3 | 3.0 | 101 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314072 314073

| Parameter | Units | 4032886002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max | | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|-----|------|
| | | | | | | | | | | RPD | RPD | |
| Cyanide | mg/kg | <0.22 | 2 | 2 | 0.68 | 0.61 | 34 | 30 | 80-120 | 11 | 20 | M0 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 314074 314075

| Parameter | Units | 4032925009 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max | | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|-----|------|
| | | | | | | | | | | RPD | RPD | |
| Cyanide | mg/kg | <0.28 | 2.6 | 2.6 | 2.6 | 2.5 | 98 | 94 | 80-120 | 3 | 20 | |

QUALIFIERS

Project: 06139.01.002 CONNELL-OAK CREEK
Pace Project No.: 4032676

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

BATCH QUALIFIERS

Batch: MSV/8012

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSSV/2661

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/8031

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1q Analyte had a negative detect in the associated method blank at -0.0055 mg/Kg.

B Analyte was detected in the associated method blank.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

W Non-detect results are reported on a wet weight basis.

June 22, 2010

JAMES WEDEKIND
RMT MADISON
744 HEARTLAND TRAIL
Madison, WI 53717

RE: Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Dear JAMES WEDEKIND:

Enclosed are the analytical results for sample(s) received by the laboratory on May 25, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

cc: Nate Keller, RMT MADISON

REPORT OF LABORATORY ANALYSIS

Page 1 of 90

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



CERTIFICATIONS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Green Bay Certification IDs

1241 Bellevue Street Green Bay, WI 54302

California Certification #: 09268CA

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 11887

New York Certification #: 11888

North Carolina Certification #: 503

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

Page 2 of 90

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



SAMPLE SUMMARY

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|------------|------------|--------|----------------|----------------|
| 4032312001 | CRF-1 | Solid | 05/20/10 10:30 | 05/25/10 09:15 |
| 4032312002 | CRF-2 | Solid | 05/20/10 10:50 | 05/25/10 09:15 |
| 4032312003 | CRF-3 | Solid | 05/20/10 11:05 | 05/25/10 09:15 |
| 4032312004 | CRF-4 | Solid | 05/20/10 11:35 | 05/25/10 09:15 |
| 4032312005 | SRF-2 | Solid | 05/20/10 13:15 | 05/25/10 09:15 |
| 4032312006 | CRF-5 | Solid | 05/20/10 13:20 | 05/25/10 09:15 |
| 4032312007 | FRF-1 | Solid | 05/20/10 13:25 | 05/25/10 09:15 |
| 4032312008 | SRF-1 | Solid | 05/20/10 10:05 | 05/25/10 09:15 |
| 4032312009 | FRF-2 | Solid | 05/20/10 13:30 | 05/25/10 09:15 |
| 4032312010 | FRF-3 | Solid | 05/20/10 13:40 | 05/25/10 09:15 |
| 4032312011 | CRF-DUP | Solid | 05/20/10 00:00 | 05/25/10 09:15 |
| 4032312012 | WP-DR1 | Solid | 05/20/10 14:10 | 05/25/10 09:15 |
| 4032312013 | WP-DR2 | Solid | 05/20/10 14:15 | 05/25/10 09:15 |
| 4032312014 | WP-CR1 | Solid | 05/20/10 14:40 | 05/25/10 09:15 |
| 4032312015 | WP-CR2 | Solid | 05/20/10 14:45 | 05/25/10 09:15 |
| 4032312016 | WP-CR3 | Solid | 05/20/10 14:55 | 05/25/10 09:15 |
| 4032312017 | WP-CR4 | Solid | 05/20/10 15:00 | 05/25/10 09:15 |
| 4032312018 | WP-FR1 | Solid | 05/20/10 15:10 | 05/25/10 09:15 |
| 4032312019 | WP-FR2 | Solid | 05/20/10 15:20 | 05/25/10 09:15 |
| 4032312020 | WP-SS1 | Solid | 05/20/10 15:25 | 05/25/10 09:15 |
| 4032312021 | WP-SS2 | Solid | 05/20/10 15:30 | 05/25/10 09:15 |
| 4032312022 | WP-COMP | Solid | 05/20/10 15:45 | 05/25/10 09:15 |
| 4032312023 | WP-DUP | Solid | 05/20/10 00:00 | 05/25/10 09:15 |
| 4032312024 | MRL-1 | Water | 05/21/10 10:15 | 05/25/10 09:15 |
| 4032312025 | FRSL-1 | Solid | 05/21/10 08:15 | 05/25/10 09:15 |
| 4032312026 | TRIP BLANK | Water | 05/20/10 00:00 | 05/25/10 09:15 |

REPORT OF LABORATORY ANALYSIS

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



SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|-----------|---------------|----------|-------------------|
| 4032312001 | CRF-1 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312002 | CRF-2 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312003 | CRF-3 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312004 | CRF-4 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312005 | SRF-2 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312006 | CRF-5 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312007 | FRF-1 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312008 | SRF-1 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312009 | FRF-2 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312010 | FRF-3 | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312011 | CRF-DUP | EPA 8082 | BDS | 10 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312012 | WP-DR1 | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312013 | WP-DR2 | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312014 | WP-CR1 | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | ASTM D2974-87 | AME | 1 |
| 4032312015 | WP-CR2 | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |

REPORT OF LABORATORY ANALYSIS

Page 4 of 90

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



SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|-----------|---------------|----------|-------------------|
| 4032312016 | WP-CR3 | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032312017 | WP-CR4 | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032312018 | WP-FR1 | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032312019 | WP-FR2 | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032312020 | WP-SS1 | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032312021 | WP-SS2 | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032312022 | WP-COMP | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 10 |
| | | EPA 7470 | LMS | 1 |
| 4032312023 | WP-DUP | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| 4032312024 | MRL-1 | ASTM D2974-87 | AME | 1 |
| | | EPA 8082 | CAH | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7470 | LMS | 1 |
| | | EPA 8270 | RJN | 70 |

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|------------|------------|----------|----------|-------------------|
| 4032312025 | FRSL-1 | EPA 8260 | SMT | 64 |
| | | EPA 8082 | BDS | 10 |
| | | EPA 6010 | DLB | 7 |
| | | EPA 7471 | LMS | 1 |
| | | EPA 8270 | ARO | 66 |
| 4032312026 | TRIP BLANK | EPA 8260 | JJB | 64 |
| | | EPA 8260 | SMT | 64 |

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 8082
Description: 8082 GCS PCB
Client: RMT - MADISON
Date: June 22, 2010

General Information:

24 samples were analyzed for EPA 8082. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

- H2: Extraction or preparation was conducted outside of the recognized method holding time.
- WP-COMP (Lab ID: 4032312022)

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

The samples were prepared in accordance with EPA 3541 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7370

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- CRF-2 (Lab ID: 4032312002)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- CRF-3 (Lab ID: 4032312003)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- CRF-4 (Lab ID: 4032312004)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- CRF-DUP (Lab ID: 4032312011)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- FRF-3 (Lab ID: 4032312010)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- WP-CR2 (Lab ID: 4032312015)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- WP-DR2 (Lab ID: 4032312013)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)

REPORT OF LABORATORY ANALYSIS

Page 7 of 90

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 8082
Description: 8082 GCS PCB
Client: RMT - MADISON
Date: June 22, 2010

QC Batch: OEXT/7385

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- WP-CR3 (Lab ID: 4032312016)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- WP-CR4 (Lab ID: 4032312017)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- WP-FR1 (Lab ID: 4032312018)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: GCSV/4317

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/7413

1q: The aroclor was manually assigned outside of the retention time window due to matrix interferences.

- MS (Lab ID: 308842)
 - PCB-1242 (Aroclor 1242)
 - PCB-1254 (Aroclor 1254)
- MSD (Lab ID: 308843)
 - PCB-1242 (Aroclor 1242)
 - PCB-1254 (Aroclor 1254)

2q: The surrogate was manually assigned outside of the retention time window due to matrix interferences.

- FRSL-1 (Lab ID: 4032312025)
 - Decachlorobiphenyl (S)

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- FRSL-1 (Lab ID: 4032312025)
 - PCB-1016 (Aroclor 1016)

REPORT OF LABORATORY ANALYSIS

Page 8 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 8082

Description: 8082 GCS PCB

Client: RMT - MADISON

Date: June 22, 2010

General Information:

1 sample was analyzed for EPA 8082. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H2: Extraction or preparation was conducted outside of the recognized method holding time.

- WP-COMP (Lab ID: 4032312022)

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

The samples were prepared in accordance with EPA 3541 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7370

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- CRF-2 (Lab ID: 4032312002)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- CRF-3 (Lab ID: 4032312003)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- CRF-4 (Lab ID: 4032312004)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- CRF-DUP (Lab ID: 4032312011)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- FRF-3 (Lab ID: 4032312010)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- WP-CR2 (Lab ID: 4032312015)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- WP-DR2 (Lab ID: 4032312013)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)

REPORT OF LABORATORY ANALYSIS

Page 9 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 8082
Description: 8082 GCS PCB
Client: RMT - MADISON
Date: June 22, 2010

QC Batch: OEXT/7385

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- WP-CR3 (Lab ID: 4032312016)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- WP-CR4 (Lab ID: 4032312017)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)
- WP-FR1 (Lab ID: 4032312018)
 - Decachlorobiphenyl (S)
 - Tetrachloro-m-xylene (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: GCSV/4317

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/7413

1q: The aroclor was manually assigned outside of the retention time window due to matrix interferences.

- MS (Lab ID: 308842)
 - PCB-1242 (Aroclor 1242)
 - PCB-1254 (Aroclor 1254)
- MSD (Lab ID: 308843)
 - PCB-1242 (Aroclor 1242)
 - PCB-1254 (Aroclor 1254)

2q: The surrogate was manually assigned outside of the retention time window due to matrix interferences.

- FRSL-1 (Lab ID: 4032312025)
 - Decachlorobiphenyl (S)

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- FRSL-1 (Lab ID: 4032312025)
 - PCB-1016 (Aroclor 1016)

REPORT OF LABORATORY ANALYSIS

Page 10 of 90

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 6010
Description: 6010 MET ICP
Client: RMT - MADISON
Date: June 22, 2010

General Information:

12 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MPRP/4013

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- WP-CR1 (Lab ID: 4032312014)
 - Arsenic
 - Selenium
- WP-CR2 (Lab ID: 4032312015)
 - Silver
 - Arsenic
 - Selenium
- WP-CR3 (Lab ID: 4032312016)
 - Silver
 - Arsenic

REPORT OF LABORATORY ANALYSIS

Page 11 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 6010

Description: 6010 MET ICP

Client: RMT - MADISON

Date: June 22, 2010

Analyte Comments:

QC Batch: MPRP/4013

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- WP-CR3 (Lab ID: 4032312016)
 - Selenium
- WP-CR4 (Lab ID: 4032312017)
 - Arsenic
 - Selenium
- WP-DR1 (Lab ID: 4032312012)
 - Silver
 - Arsenic
 - Cadmium
 - Selenium
- WP-DR2 (Lab ID: 4032312013)
 - Silver
 - Arsenic
 - Selenium
- WP-DUP (Lab ID: 4032312023)
 - Silver
 - Arsenic
 - Cadmium
 - Selenium
- WP-FR2 (Lab ID: 4032312019)
 - Silver
 - Arsenic
 - Cadmium
 - Selenium
- WP-SS1 (Lab ID: 4032312020)
 - Arsenic
 - Cadmium
 - Selenium
- WP-SS2 (Lab ID: 4032312021)
 - Silver
 - Arsenic
 - Selenium

REPORT OF LABORATORY ANALYSIS

Page 12 of 90

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 6010

Description: 6010 MET ICP, TCLP

Client: RMT - MADISON

Date: June 22, 2010

General Information:

1 sample was analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/4035

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s):
4031820003,4031820004,4032111001,4032279001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 306452)
- Copper

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 13 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 6010
Description: 6010 MET ICP
Client: RMT - MADISON
Date: June 22, 2010

General Information:

1 sample was analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MPRP/4013

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- WP-CR1 (Lab ID: 4032312014)
 - Arsenic
 - Selenium
- WP-CR2 (Lab ID: 4032312015)
 - Silver
 - Arsenic
 - Selenium
- WP-CR3 (Lab ID: 4032312016)
 - Silver
 - Arsenic

REPORT OF LABORATORY ANALYSIS

Page 14 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 6010

Description: 6010 MET ICP

Client: RMT - MADISON

Date: June 22, 2010

Analyte Comments:

QC Batch: MPRP/4013

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- WP-CR3 (Lab ID: 4032312016)
 - Selenium
- WP-CR4 (Lab ID: 4032312017)
 - Arsenic
 - Selenium
- WP-DR1 (Lab ID: 4032312012)
 - Silver
 - Arsenic
 - Cadmium
 - Selenium
- WP-DR2 (Lab ID: 4032312013)
 - Silver
 - Arsenic
 - Selenium
- WP-DUP (Lab ID: 4032312023)
 - Silver
 - Arsenic
 - Cadmium
 - Selenium
- WP-FR2 (Lab ID: 4032312019)
 - Silver
 - Arsenic
 - Cadmium
 - Selenium
- WP-SS1 (Lab ID: 4032312020)
 - Arsenic
 - Cadmium
 - Selenium
- WP-SS2 (Lab ID: 4032312021)
 - Silver
 - Arsenic
 - Selenium

REPORT OF LABORATORY ANALYSIS

Page 15 of 90

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 7470

Description: 7470 Mercury, TCLP

Client: RMT - MADISON

Date: June 22, 2010

General Information:

1 sample was analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 16 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 7470

Description: 7470 Mercury

Client: RMT - MADISON

Date: June 22, 2010

General Information:

1 sample was analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 17 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 7471

Description: 7471 Mercury

Client: RMT - MADISON

Date: June 22, 2010

General Information:

12 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 18 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: RMT - MADISON
Date: June 22, 2010

General Information:

1 sample was analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7351

S0: Surrogate recovery outside laboratory control limits.

- MS (Lab ID: 304937)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
- MSD (Lab ID: 304938)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- FRSL-1 (Lab ID: 4032312025)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

Page 19 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: RMT - MADISON
Date: June 22, 2010

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: OEXT/7351

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 304936)
 - 2-Nitroaniline
 - bis(2-Chloroethyl) ether

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/7351

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4031995001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 304937)
 - 2,4,5-Trichlorophenol
 - 2,4,6-Trichlorophenol
 - 2,4-Dichlorophenol
 - 2,4-Dimethylphenol
 - 2,4-Dinitrophenol
 - 2,4-Dinitrotoluene
 - 2,6-Dinitrotoluene
 - 2-Chloronaphthalene
 - 2-Chlorophenol
 - 2-Methylnaphthalene
 - 2-Methylphenol(o-Cresol)
 - 2-Nitroaniline
 - 2-Nitrophenol
 - 3&4-Methylphenol(m&p Cresol)
 - 3,3'-Dichlorobenzidine
 - 3-Nitroaniline
 - 4,6-Dinitro-2-methylphenol
 - 4-Bromophenylphenyl ether
 - 4-Chloro-3-methylphenol
 - 4-Chloroaniline
 - 4-Chlorophenylphenyl ether
 - 4-Nitroaniline
 - 4-Nitrophenol
 - Acenaphthene
 - Acenaphthylene
 - Anthracene
 - Benzo(a)anthracene
 - Benzyl alcohol
 - Chrysene
 - Di-n-butylphthalate

REPORT OF LABORATORY ANALYSIS

Page 20 of 90

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: RMT - MADISON
Date: June 22, 2010

QC Batch: OEXT/7351

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4031995001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Dibenzofuran
- Diethylphthalate
- Dimethylphthalate
- Fluoranthene
- Fluorene
- Hexachloro-1,3-butadiene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- Hexachloroethane
- N-Nitroso-di-n-propylamine
- N-Nitrosodiphenylamine
- Naphthalene
- Nitrobenzene
- Pentachlorophenol
- Phenanthrene
- Phenol
- bis(2-Chloroethoxy)methane
- bis(2-Chloroethyl) ether
- MSD (Lab ID: 304938)
 - 2,4,5-Trichlorophenol
 - 2,4,6-Trichlorophenol
 - 2,4-Dichlorophenol
 - 2,4-Dimethylphenol
 - 2,4-Dinitrophenol
 - 2,4-Dinitrotoluene
 - 2,6-Dinitrotoluene
 - 2-Chloronaphthalene
 - 2-Chlorophenol
 - 2-Methylnaphthalene
 - 2-Methylphenol(o-Cresol)
 - 2-Nitroaniline
 - 2-Nitrophenol
 - 3&4-Methylphenol(m&p Cresol)
 - 3,3'-Dichlorobenzidine
 - 3-Nitroaniline
 - 4-Bromophenylphenyl ether
 - 4-Chloro-3-methylphenol
 - 4-Chloroaniline
 - 4-Chlorophenylphenyl ether
 - 4-Nitroaniline
 - 4-Nitrophenol
 - Acenaphthene
 - Acenaphthylene

REPORT OF LABORATORY ANALYSIS

Page 21 of 90

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 8270

Description: 8270 MSSV FULL LIST MICROWAVE

Client: RMT - MADISON

Date: June 22, 2010

QC Batch: OEXT/7351

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4031995001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Anthracene
- Benzyl alcohol
- Di-n-butylphthalate
- Dibenzofuran
- Diethylphthalate
- Dimethylphthalate
- Fluoranthene
- Fluorene
- Hexachloro-1,3-butadiene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- Hexachloroethane
- N-Nitroso-di-n-propylamine
- Naphthalene
- Nitrobenzene
- Pentachlorophenol
- Phenanthrene
- Phenol
- bis(2-Chloroethoxy)methane
- bis(2-Chloroethyl) ether

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/7351

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- FRSL-1 (Lab ID: 4032312025)
- Phenol

REPORT OF LABORATORY ANALYSIS

Page 22 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 8270
Description: 8270 MSSV Semivolatile Organic
Client: RMT - MADISON
Date: June 22, 2010

General Information:

1 sample was analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/7363

S0: Surrogate recovery outside laboratory control limits.

- MRL-1 (Lab ID: 4032312024)
- Nitrobenzene-d5 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: OEXT/7363

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 305514)
 - 2,2'-Oxybis(1-chloropropane)
- LCSD (Lab ID: 305515)
 - 2,2'-Oxybis(1-chloropropane)

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSSV/2648

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: RMT - MADISON

Date: June 22, 2010

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 24 of 90

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

PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: RMT - MADISON
Date: June 22, 2010

General Information:

1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Page 25 of 90

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



PROJECT NARRATIVE

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Method: EPA 8260

Description: 8260 MSV

Client: RMT - MADISON

Date: June 22, 2010

General Information:

2 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

Page 26 of 90

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: CRF-1 **Lab ID: 4032312001** Collected: 05/20/10 10:30 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <97.6 | ug/kg | 413 | 97.6 | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <97.6 | ug/kg | 413 | 97.6 | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <97.6 | ug/kg | 413 | 97.6 | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 534 | ug/kg | 413 | 97.6 | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <97.6 | ug/kg | 413 | 97.6 | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 1280 | ug/kg | 413 | 97.6 | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 341J | ug/kg | 413 | 97.6 | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 11096-82-5 | |
| PCB, Total | 2160 | ug/kg | 413 | 97.6 | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 68 %- | | 50-137 | | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 877-09-8 | |
| Decachlorobiphenyl (S) | 76 %- | | 56-130 | | 4 | 05/27/10 15:10 | 06/01/10 13:33 | 2051-24-3 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 3.1 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:47 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Project No.: 4032312

Sample: CRF-2 **Lab ID: 4032312002** Collected: 05/20/10 10:50 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <1230 | ug/kg | 5220 | 1230 | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <1230 | ug/kg | 5220 | 1230 | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <1230 | ug/kg | 5220 | 1230 | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 17600 | ug/kg | 5220 | 1230 | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <1230 | ug/kg | 5220 | 1230 | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <1230 | ug/kg | 5220 | 1230 | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <1230 | ug/kg | 5220 | 1230 | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 11096-82-5 | |
| PCB, Total | 17600 | ug/kg | 5220 | 1230 | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 50 | 05/27/10 15:10 | 06/02/10 08:01 | 2051-24-3 | S4 |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 4.2 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:47 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: CRF-3 **Lab ID: 4032312003** Collected: 05/20/10 11:05 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-----|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <489 | ug/kg | 2070 | 489 | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <489 | ug/kg | 2070 | 489 | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <489 | ug/kg | 2070 | 489 | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 2420 | ug/kg | 2070 | 489 | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <489 | ug/kg | 2070 | 489 | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 4020 | ug/kg | 2070 | 489 | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <489 | ug/kg | 2070 | 489 | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 11096-82-5 | |
| PCB, Total | 6440 | ug/kg | 2070 | 489 | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 20 | 05/27/10 15:10 | 06/01/10 14:43 | 2051-24-3 | S4 |

Percent Moisture

Analytical Method: ASTM D2974-87

| | | | | | | | | | |
|------------------|-------|--|------|------|---|--|----------------|--|--|
| Percent Moisture | 3.4 % | | 0.10 | 0.10 | 1 | | 05/26/10 08:47 | | |
|------------------|-------|--|------|------|---|--|----------------|--|--|

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: CRF-4 **Lab ID: 4032312004** Collected: 05/20/10 11:35 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <491 | ug/kg | 2080 | 491 | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <491 | ug/kg | 2080 | 491 | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <491 | ug/kg | 2080 | 491 | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <491 | ug/kg | 2080 | 491 | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | 9280 | ug/kg | 2080 | 491 | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 7010 | ug/kg | 2080 | 491 | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <491 | ug/kg | 2080 | 491 | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 11096-82-5 | |
| PCB, Total | 16300 | ug/kg | 2080 | 491 | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 20 | 05/27/10 15:10 | 06/01/10 15:35 | 2051-24-3 | S4 |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 3.7 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:47 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: SRF-2 **Lab ID: 4032312005** Collected: 05/20/10 13:15 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | |
| PCB-1016 (Aroclor 1016) | <72.8 | ug/kg | 308 | 72.8 | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <72.8 | ug/kg | 308 | 72.8 | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <72.8 | ug/kg | 308 | 72.8 | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 733 | ug/kg | 308 | 72.8 | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <72.8 | ug/kg | 308 | 72.8 | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <72.8 | ug/kg | 308 | 72.8 | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <72.8 | ug/kg | 308 | 72.8 | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 11096-82-5 | |
| PCB, Total | 733 | ug/kg | 308 | 72.8 | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 74 | %- | 50-137 | | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 877-09-8 | |
| Decachlorobiphenyl (S) | 121 | %- | 56-130 | | 3 | 05/27/10 15:10 | 06/02/10 10:40 | 2051-24-3 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 2.6 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:47 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: CRF-5 **Lab ID: 4032312006** Collected: 05/20/10 13:20 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | |
| PCB-1016 (Aroclor 1016) | <96.0 | ug/kg | 406 | 96.0 | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <96.0 | ug/kg | 406 | 96.0 | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <96.0 | ug/kg | 406 | 96.0 | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 1620 | ug/kg | 406 | 96.0 | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <96.0 | ug/kg | 406 | 96.0 | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 863 | ug/kg | 406 | 96.0 | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 167J | ug/kg | 406 | 96.0 | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 11096-82-5 | |
| PCB, Total | 2650 | ug/kg | 406 | 96.0 | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 81 | %- | 50-137 | | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 877-09-8 | |
| Decachlorobiphenyl (S) | 93 | %- | 56-130 | | 4 | 05/27/10 15:10 | 06/01/10 16:26 | 2051-24-3 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 1.5 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:47 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: FRF-1 **Lab ID: 4032312007** Collected: 05/20/10 13:25 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | |
| PCB-1016 (Aroclor 1016) | <121 | ug/kg | 512 | 121 | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <121 | ug/kg | 512 | 121 | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <121 | ug/kg | 512 | 121 | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 690 | ug/kg | 512 | 121 | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <121 | ug/kg | 512 | 121 | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 1840 | ug/kg | 512 | 121 | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 443J | ug/kg | 512 | 121 | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 11096-82-5 | |
| PCB, Total | 2970 | ug/kg | 512 | 121 | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 78 | %- | 50-137 | | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 877-09-8 | |
| Decachlorobiphenyl (S) | 99 | %- | 56-130 | | 5 | 05/27/10 15:10 | 06/01/10 17:01 | 2051-24-3 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 2.4 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: SRF-1 **Lab ID: 4032312008** Collected: 05/20/10 10:05 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------|---------|--|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | |
| PCB-1016 (Aroclor 1016) | <49.2 | ug/kg | 208 | 49.2 | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <49.2 | ug/kg | 208 | 49.2 | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <49.2 | ug/kg | 208 | 49.2 | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 455 | ug/kg | 208 | 49.2 | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <49.2 | ug/kg | 208 | 49.2 | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 240 | ug/kg | 208 | 49.2 | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <49.2 | ug/kg | 208 | 49.2 | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 11096-82-5 | |
| PCB, Total | 695 | ug/kg | 208 | 49.2 | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 65 %- | | 50-137 | | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 877-09-8 | |
| Decachlorobiphenyl (S) | 78 %- | | 56-130 | | 2 | 05/27/10 15:10 | 06/01/10 17:36 | 2051-24-3 | |
| Percent Moisture | | Analytical Method: ASTM D2974-87 | | | | | | | |
| Percent Moisture | 4.0 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: FRF-2 **Lab ID: 4032312009** Collected: 05/20/10 13:30 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <242 | ug/kg | 1020 | 242 | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <242 | ug/kg | 1020 | 242 | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <242 | ug/kg | 1020 | 242 | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <242 | ug/kg | 1020 | 242 | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | 1690 | ug/kg | 1020 | 242 | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 3280 | ug/kg | 1020 | 242 | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 686J | ug/kg | 1020 | 242 | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 11096-82-5 | |
| PCB, Total | 5650 | ug/kg | 1020 | 242 | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 75 %- | | 50-137 | | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 877-09-8 | |
| Decachlorobiphenyl (S) | 85 %- | | 56-130 | | 10 | 05/27/10 15:10 | 06/01/10 18:10 | 2051-24-3 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 2.3 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: FRF-3 **Lab ID: 4032312010** Collected: 05/20/10 13:40 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <1210 | ug/kg | 5100 | 1210 | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <1210 | ug/kg | 5100 | 1210 | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <1210 | ug/kg | 5100 | 1210 | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <1210 | ug/kg | 5100 | 1210 | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | 12600 | ug/kg | 5100 | 1210 | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 13900 | ug/kg | 5100 | 1210 | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <1210 | ug/kg | 5100 | 1210 | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 11096-82-5 | |
| PCB, Total | 26400 | ug/kg | 5100 | 1210 | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 50 | 05/27/10 15:10 | 06/01/10 18:45 | 2051-24-3 | S4 |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 2.0 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: CRF-DUP **Lab ID: 4032312011** Collected: 05/20/10 00:00 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <1230 | ug/kg | 5190 | 1230 | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <1230 | ug/kg | 5190 | 1230 | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <1230 | ug/kg | 5190 | 1230 | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <1230 | ug/kg | 5190 | 1230 | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | 12900 | ug/kg | 5190 | 1230 | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 9410 | ug/kg | 5190 | 1230 | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <1230 | ug/kg | 5190 | 1230 | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 11096-82-5 | |
| PCB, Total | 22300 | ug/kg | 5190 | 1230 | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 50 | 05/27/10 15:10 | 06/01/10 19:02 | 2051-24-3 | S4 |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 3.6 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: **WP-DR1** Lab ID: **4032312012** Collected: 05/20/10 14:10 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <25.3 | ug/kg | 107 | 25.3 | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <25.3 | ug/kg | 107 | 25.3 | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <25.3 | ug/kg | 107 | 25.3 | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 379 | ug/kg | 107 | 25.3 | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <25.3 | ug/kg | 107 | 25.3 | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 139 | ug/kg | 107 | 25.3 | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 31.8J | ug/kg | 107 | 25.3 | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 11096-82-5 | |
| PCB, Total | 550 | ug/kg | 107 | 25.3 | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 77 %- | | 50-137 | | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 877-09-8 | |
| Decachlorobiphenyl (S) | 89 %- | | 56-130 | | 1 | 05/27/10 15:10 | 06/01/10 19:19 | 2051-24-3 | |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 13.4J | mg/kg | 20.9 | 1.0 | 10 | 05/26/10 11:00 | 06/01/10 13:46 | 7440-38-2 | D3 |
| Barium | 93.7 | mg/kg | 5.2 | 0.47 | 10 | 05/26/10 11:00 | 06/01/10 13:46 | 7440-39-3 | |
| Cadmium | 3.8J | mg/kg | 5.2 | 0.27 | 10 | 05/26/10 11:00 | 06/01/10 13:46 | 7440-43-9 | D3 |
| Chromium | 1250 | mg/kg | 5.2 | 0.33 | 10 | 05/26/10 11:00 | 06/01/10 13:46 | 7440-47-3 | |
| Lead | 359 | mg/kg | 10.5 | 1.0 | 10 | 05/26/10 11:00 | 06/01/10 13:46 | 7439-92-1 | |
| Selenium | 6.9J | mg/kg | 20.9 | 1.7 | 10 | 05/26/10 11:00 | 06/01/10 13:46 | 7782-49-2 | B,D3 |
| Silver | 3.3J | mg/kg | 10.5 | 0.47 | 10 | 05/26/10 11:00 | 06/01/10 13:46 | 7440-22-4 | D3 |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.16 | mg/kg | 0.011 | 0.0019 | 1 | 05/27/10 15:00 | 05/28/10 10:43 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 6.6 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: WP-DR2 **Lab ID: 4032312013** Collected: 05/20/10 14:15 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <619 | ug/kg | 2620 | 619 | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <619 | ug/kg | 2620 | 619 | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <619 | ug/kg | 2620 | 619 | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 7260 | ug/kg | 2620 | 619 | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <619 | ug/kg | 2620 | 619 | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 4330 | ug/kg | 2620 | 619 | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 1200J | ug/kg | 2620 | 619 | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 11096-82-5 | |
| PCB, Total | 12800 | ug/kg | 2620 | 619 | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 20 | 05/27/10 15:10 | 06/01/10 19:37 | 2051-24-3 | S4 |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | <1.2 | mg/kg | 25.5 | 1.2 | 10 | 05/26/10 11:00 | 06/01/10 13:58 | 7440-38-2 | D3 |
| Barium | 317 | mg/kg | 6.4 | 0.57 | 10 | 05/26/10 11:00 | 06/01/10 13:58 | 7440-39-3 | |
| Cadmium | 35.9 | mg/kg | 6.4 | 0.34 | 10 | 05/26/10 11:00 | 06/01/10 13:58 | 7440-43-9 | |
| Chromium | 419 | mg/kg | 6.4 | 0.41 | 10 | 05/26/10 11:00 | 06/01/10 13:58 | 7440-47-3 | |
| Lead | 1310 | mg/kg | 12.7 | 1.2 | 10 | 05/26/10 11:00 | 06/01/10 13:58 | 7439-92-1 | |
| Selenium | 8.9J | mg/kg | 25.5 | 2.1 | 10 | 05/26/10 11:00 | 06/01/10 13:58 | 7782-49-2 | B,D3 |
| Silver | 7.7J | mg/kg | 12.7 | 0.57 | 10 | 05/26/10 11:00 | 06/01/10 13:58 | 7440-22-4 | D3 |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 2.0 | mg/kg | 0.13 | 0.023 | 10 | 05/27/10 15:00 | 05/28/10 10:51 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 23.6 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: WP-CR1 **Lab ID: 4032312014** Collected: 05/20/10 14:40 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <94.7 | ug/kg | 401 | 94.7 | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <94.7 | ug/kg | 401 | 94.7 | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <94.7 | ug/kg | 401 | 94.7 | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 670 | ug/kg | 401 | 94.7 | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <94.7 | ug/kg | 401 | 94.7 | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <94.7 | ug/kg | 401 | 94.7 | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <94.7 | ug/kg | 401 | 94.7 | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 11096-82-5 | |
| PCB, Total | 670 | ug/kg | 401 | 94.7 | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 62 | %- | 50-137 | | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 877-09-8 | |
| Decachlorobiphenyl (S) | 115 | %- | 56-130 | | 3 | 05/27/10 15:10 | 06/02/10 11:15 | 2051-24-3 | |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 1.9J | mg/kg | 25.8 | 1.2 | 10 | 05/26/10 11:00 | 06/01/10 14:01 | 7440-38-2 | D3 |
| Barium | 1970 | mg/kg | 6.4 | 0.58 | 10 | 05/26/10 11:00 | 06/01/10 14:01 | 7440-39-3 | |
| Cadmium | 18.9 | mg/kg | 6.4 | 0.34 | 10 | 05/26/10 11:00 | 06/01/10 14:01 | 7440-43-9 | |
| Chromium | 376 | mg/kg | 6.4 | 0.41 | 10 | 05/26/10 11:00 | 06/01/10 14:01 | 7440-47-3 | |
| Lead | 2500 | mg/kg | 12.9 | 1.2 | 10 | 05/26/10 11:00 | 06/01/10 14:01 | 7439-92-1 | |
| Selenium | 10.2J | mg/kg | 25.8 | 2.1 | 10 | 05/26/10 11:00 | 06/01/10 14:01 | 7782-49-2 | B,D3 |
| Silver | 18.0 | mg/kg | 12.9 | 0.58 | 10 | 05/26/10 11:00 | 06/01/10 14:01 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.10 | mg/kg | 0.013 | 0.0024 | 1 | 05/27/10 15:00 | 05/28/10 10:45 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 25.2 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: WP-CR2 **Lab ID: 4032312015** Collected: 05/20/10 14:45 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <591 | ug/kg | 2500 | 591 | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <591 | ug/kg | 2500 | 591 | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <591 | ug/kg | 2500 | 591 | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 7480 | ug/kg | 2500 | 591 | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <591 | ug/kg | 2500 | 591 | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 2910 | ug/kg | 2500 | 591 | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 812J | ug/kg | 2500 | 591 | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 11096-82-5 | |
| PCB, Total | 11200 | ug/kg | 2500 | 591 | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 20 | 05/27/10 15:10 | 06/02/10 11:49 | 2051-24-3 | S4 |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | <1.1 | mg/kg | 23.6 | 1.1 | 10 | 05/26/10 11:00 | 06/01/10 14:05 | 7440-38-2 | D3 |
| Barium | 254 | mg/kg | 5.9 | 0.53 | 10 | 05/26/10 11:00 | 06/01/10 14:05 | 7440-39-3 | |
| Cadmium | 21.4 | mg/kg | 5.9 | 0.31 | 10 | 05/26/10 11:00 | 06/01/10 14:05 | 7440-43-9 | |
| Chromium | 3350 | mg/kg | 5.9 | 0.38 | 10 | 05/26/10 11:00 | 06/01/10 14:05 | 7440-47-3 | |
| Lead | 1550 | mg/kg | 11.8 | 1.1 | 10 | 05/26/10 11:00 | 06/01/10 14:05 | 7439-92-1 | |
| Selenium | 7.8J | mg/kg | 23.6 | 1.9 | 10 | 05/26/10 11:00 | 06/01/10 14:05 | 7782-49-2 | B,D3 |
| Silver | 6.9J | mg/kg | 11.8 | 0.53 | 10 | 05/26/10 11:00 | 06/01/10 14:05 | 7440-22-4 | D3 |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.29 | mg/kg | 0.012 | 0.0022 | 1 | 05/27/10 15:00 | 05/28/10 10:52 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 20.0 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: WP-CR3 **Lab ID: 4032312016** Collected: 05/20/10 14:55 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|-----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <5190 | ug/kg | 22000 | 5190 | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <5190 | ug/kg | 22000 | 5190 | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <5190 | ug/kg | 22000 | 5190 | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 111000 | ug/kg | 22000 | 5190 | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <5190 | ug/kg | 22000 | 5190 | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 31200 | ug/kg | 22000 | 5190 | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | 6680J | ug/kg | 22000 | 5190 | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 11096-82-5 | |
| PCB, Total | 148000 | ug/kg | 22000 | 5190 | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 200 | 06/01/10 09:13 | 06/02/10 12:24 | 2051-24-3 | S4 |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 9.0J | mg/kg | 20.1 | 0.96 | 10 | 05/26/10 11:00 | 06/01/10 14:09 | 7440-38-2 | D3 |
| Barium | 859 | mg/kg | 5.0 | 0.45 | 10 | 05/26/10 11:00 | 06/01/10 14:09 | 7440-39-3 | |
| Cadmium | 152 | mg/kg | 5.0 | 0.26 | 10 | 05/26/10 11:00 | 06/01/10 14:09 | 7440-43-9 | |
| Chromium | 325 | mg/kg | 5.0 | 0.32 | 10 | 05/26/10 11:00 | 06/01/10 14:09 | 7440-47-3 | |
| Lead | 1890 | mg/kg | 10.1 | 0.97 | 10 | 05/26/10 11:00 | 06/01/10 14:09 | 7439-92-1 | |
| Selenium | 19.2J | mg/kg | 20.1 | 1.6 | 10 | 05/26/10 11:00 | 06/01/10 14:09 | 7782-49-2 | B,D3 |
| Silver | 9.2J | mg/kg | 10.1 | 0.45 | 10 | 05/26/10 11:00 | 06/01/10 14:09 | 7440-22-4 | D3 |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 12.9 | mg/kg | 1.1 | 0.19 | 100 | 05/27/10 15:00 | 05/28/10 11:10 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 8.9 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: WP-CR4 **Lab ID: 4032312017** Collected: 05/20/10 15:00 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|-----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <2540 | ug/kg | 10700 | 2540 | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <2540 | ug/kg | 10700 | 2540 | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <2540 | ug/kg | 10700 | 2540 | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 16800 | ug/kg | 10700 | 2540 | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <2540 | ug/kg | 10700 | 2540 | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 9930J | ug/kg | 10700 | 2540 | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <2540 | ug/kg | 10700 | 2540 | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 11096-82-5 | |
| PCB, Total | 26700 | ug/kg | 10700 | 2540 | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 100 | 06/01/10 09:13 | 06/02/10 04:33 | 2051-24-3 | S4 |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 1.6J | mg/kg | 20.8 | 0.99 | 10 | 05/26/10 11:00 | 06/01/10 14:13 | 7440-38-2 | D3 |
| Barium | 4090 | mg/kg | 5.2 | 0.47 | 10 | 05/26/10 11:00 | 06/01/10 14:13 | 7440-39-3 | |
| Cadmium | 67.6 | mg/kg | 5.2 | 0.27 | 10 | 05/26/10 11:00 | 06/01/10 14:13 | 7440-43-9 | |
| Chromium | 426 | mg/kg | 5.2 | 0.33 | 10 | 05/26/10 11:00 | 06/01/10 14:13 | 7440-47-3 | |
| Lead | 2970 | mg/kg | 10.4 | 1.0 | 10 | 05/26/10 11:00 | 06/01/10 14:13 | 7439-92-1 | |
| Selenium | 13.6J | mg/kg | 20.8 | 1.7 | 10 | 05/26/10 11:00 | 06/01/10 14:13 | 7782-49-2 | B,D3 |
| Silver | 14.9 | mg/kg | 10.4 | 0.47 | 10 | 05/26/10 11:00 | 06/01/10 14:13 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 1.9 | mg/kg | 0.11 | 0.019 | 10 | 05/27/10 15:00 | 05/28/10 11:12 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 6.9 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: WP-FR1 **Lab ID: 4032312018** Collected: 05/20/10 15:10 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <492 | ug/kg | 2080 | 492 | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <492 | ug/kg | 2080 | 492 | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <492 | ug/kg | 2080 | 492 | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <492 | ug/kg | 2080 | 492 | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <492 | ug/kg | 2080 | 492 | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 8270 | ug/kg | 2080 | 492 | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <492 | ug/kg | 2080 | 492 | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 11096-82-5 | |
| PCB, Total | 8270 | ug/kg | 2080 | 492 | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 0 %- | | 50-137 | | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 877-09-8 | S4 |
| Decachlorobiphenyl (S) | 0 %- | | 56-130 | | 20 | 06/01/10 09:13 | 06/02/10 05:08 | 2051-24-3 | S4 |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 1.8J | mg/kg | 2.0 | 0.093 | 1 | 05/26/10 11:00 | 06/01/10 14:17 | 7440-38-2 | |
| Barium | 60.9 | mg/kg | 0.49 | 0.044 | 1 | 05/26/10 11:00 | 06/01/10 14:17 | 7440-39-3 | |
| Cadmium | 2.5 | mg/kg | 0.49 | 0.026 | 1 | 05/26/10 11:00 | 06/01/10 14:17 | 7440-43-9 | |
| Chromium | 32.1 | mg/kg | 0.49 | 0.031 | 1 | 05/26/10 11:00 | 06/01/10 14:17 | 7440-47-3 | |
| Lead | 206 | mg/kg | 0.98 | 0.095 | 1 | 05/26/10 11:00 | 06/01/10 14:17 | 7439-92-1 | |
| Selenium | 1.6J | mg/kg | 2.0 | 0.16 | 1 | 05/26/10 11:00 | 06/01/10 14:17 | 7782-49-2 | B |
| Silver | 0.42J | mg/kg | 0.98 | 0.044 | 1 | 05/26/10 11:00 | 06/01/10 14:17 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.098 | mg/kg | 0.010 | 0.0018 | 1 | 05/27/10 15:00 | 05/28/10 10:58 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 4.0 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:48 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: WP-FR2 **Lab ID: 4032312019** Collected: 05/20/10 15:20 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <33.9 | ug/kg | 143 | 33.9 | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <33.9 | ug/kg | 143 | 33.9 | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <33.9 | ug/kg | 143 | 33.9 | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 77.1J | ug/kg | 143 | 33.9 | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <33.9 | ug/kg | 143 | 33.9 | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | 202 | ug/kg | 143 | 33.9 | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <33.9 | ug/kg | 143 | 33.9 | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 11096-82-5 | |
| PCB, Total | 279 | ug/kg | 143 | 33.9 | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 67 | %- | 50-137 | | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 877-09-8 | |
| Decachlorobiphenyl (S) | 79 | %- | 56-130 | | 1 | 06/01/10 09:13 | 06/02/10 05:42 | 2051-24-3 | |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | <1.3 | mg/kg | 27.5 | 1.3 | 10 | 05/26/10 11:00 | 06/01/10 14:21 | 7440-38-2 | D3 |
| Barium | 367 | mg/kg | 6.9 | 0.62 | 10 | 05/26/10 11:00 | 06/01/10 14:21 | 7440-39-3 | |
| Cadmium | 4.7J | mg/kg | 6.9 | 0.36 | 10 | 05/26/10 11:00 | 06/01/10 14:21 | 7440-43-9 | D3 |
| Chromium | 275 | mg/kg | 6.9 | 0.44 | 10 | 05/26/10 11:00 | 06/01/10 14:21 | 7440-47-3 | |
| Lead | 485 | mg/kg | 13.7 | 1.3 | 10 | 05/26/10 11:00 | 06/01/10 14:21 | 7439-92-1 | |
| Selenium | 7.1J | mg/kg | 27.5 | 2.2 | 10 | 05/26/10 11:00 | 06/01/10 14:21 | 7782-49-2 | B,D3 |
| Silver | 7.5J | mg/kg | 13.7 | 0.62 | 10 | 05/26/10 11:00 | 06/01/10 14:21 | 7440-22-4 | D3 |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.70 | mg/kg | 0.014 | 0.0025 | 1 | 05/27/10 15:00 | 05/28/10 10:59 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 30.2 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:49 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: WP-SS1 **Lab ID: 4032312020** Collected: 05/20/10 15:25 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <27.5 | ug/kg | 116 | 27.5 | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <27.5 | ug/kg | 116 | 27.5 | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <27.5 | ug/kg | 116 | 27.5 | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 69.2J | ug/kg | 116 | 27.5 | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <27.5 | ug/kg | 116 | 27.5 | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <27.5 | ug/kg | 116 | 27.5 | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <27.5 | ug/kg | 116 | 27.5 | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 11096-82-5 | |
| PCB, Total | 69.2J | ug/kg | 116 | 27.5 | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 62 | %- | 50-137 | | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 877-09-8 | |
| Decachlorobiphenyl (S) | 80 | %- | 56-130 | | 1 | 06/01/10 09:13 | 06/02/10 06:17 | 2051-24-3 | |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | <1.1 | mg/kg | 22.1 | 1.1 | 10 | 05/26/10 11:00 | 06/01/10 14:25 | 7440-38-2 | D3 |
| Barium | 1150 | mg/kg | 5.5 | 0.50 | 10 | 05/26/10 11:00 | 06/01/10 14:25 | 7440-39-3 | |
| Cadmium | 5.0J | mg/kg | 5.5 | 0.29 | 10 | 05/26/10 11:00 | 06/01/10 14:25 | 7440-43-9 | D3 |
| Chromium | 466 | mg/kg | 5.5 | 0.35 | 10 | 05/26/10 11:00 | 06/01/10 14:25 | 7440-47-3 | |
| Lead | 1180 | mg/kg | 11.1 | 1.1 | 10 | 05/26/10 11:00 | 06/01/10 14:25 | 7439-92-1 | |
| Selenium | 6.8J | mg/kg | 22.1 | 1.8 | 10 | 05/26/10 11:00 | 06/01/10 14:25 | 7782-49-2 | B,D3 |
| Silver | 12.7 | mg/kg | 11.1 | 0.50 | 10 | 05/26/10 11:00 | 06/01/10 14:25 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.037 | mg/kg | 0.012 | 0.0021 | 1 | 05/27/10 15:00 | 05/28/10 11:01 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 14.0 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:49 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: WP-SS2 **Lab ID: 4032312021** Collected: 05/20/10 15:30 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <79.8 | ug/kg | 338 | 79.8 | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <79.8 | ug/kg | 338 | 79.8 | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <79.8 | ug/kg | 338 | 79.8 | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 720 | ug/kg | 338 | 79.8 | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <79.8 | ug/kg | 338 | 79.8 | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <79.8 | ug/kg | 338 | 79.8 | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <79.8 | ug/kg | 338 | 79.8 | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 11096-82-5 | |
| PCB, Total | 720 | ug/kg | 338 | 79.8 | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 55 %- | | 50-137 | | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 877-09-8 | |
| Decachlorobiphenyl (S) | 83 %- | | 56-130 | | 3 | 06/01/10 09:13 | 06/02/10 12:59 | 2051-24-3 | |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | <1.1 | mg/kg | 22.2 | 1.1 | 10 | 05/26/10 11:00 | 06/01/10 14:29 | 7440-38-2 | D3 |
| Barium | 51.4 | mg/kg | 5.6 | 0.50 | 10 | 05/26/10 11:00 | 06/01/10 14:29 | 7440-39-3 | |
| Cadmium | 6.1 | mg/kg | 5.6 | 0.29 | 10 | 05/26/10 11:00 | 06/01/10 14:29 | 7440-43-9 | |
| Chromium | 246 | mg/kg | 5.6 | 0.35 | 10 | 05/26/10 11:00 | 06/01/10 14:29 | 7440-47-3 | |
| Lead | 448 | mg/kg | 11.1 | 1.1 | 10 | 05/26/10 11:00 | 06/01/10 14:29 | 7439-92-1 | |
| Selenium | 5.7J | mg/kg | 22.2 | 1.8 | 10 | 05/26/10 11:00 | 06/01/10 14:29 | 7782-49-2 | B,D3 |
| Silver | 3.0J | mg/kg | 11.1 | 0.50 | 10 | 05/26/10 11:00 | 06/01/10 14:29 | 7440-22-4 | D3 |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.062 | mg/kg | 0.011 | 0.0020 | 1 | 05/27/10 15:00 | 05/28/10 11:02 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 11.2 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:49 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: WP-COMP **Lab ID: 4032312022** Collected: 05/20/10 15:45 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <273 | ug/kg | 1150 | 273 | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 12674-11-2 | H2 |
| PCB-1221 (Aroclor 1221) | <273 | ug/kg | 1150 | 273 | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 11104-28-2 | H2 |
| PCB-1232 (Aroclor 1232) | <273 | ug/kg | 1150 | 273 | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 11141-16-5 | H2 |
| PCB-1242 (Aroclor 1242) | 4430 | ug/kg | 1150 | 273 | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 53469-21-9 | H2 |
| PCB-1248 (Aroclor 1248) | <273 | ug/kg | 1150 | 273 | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 12672-29-6 | H2 |
| PCB-1254 (Aroclor 1254) | 2270 | ug/kg | 1150 | 273 | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 11097-69-1 | H2 |
| PCB-1260 (Aroclor 1260) | 411J | ug/kg | 1150 | 273 | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 11096-82-5 | H2 |
| PCB, Total | 7120 | ug/kg | 1150 | 273 | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 68 | %- | 50-137 | | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 877-09-8 | |
| Decachlorobiphenyl (S) | 88 | %- | 56-130 | | 10 | 06/18/10 13:31 | 06/21/10 11:17 | 2051-24-3 | |
| 6010 MET ICP, TCLP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Leachate Method/Date: EPA 1311; 05/26/10 00:00 | | | | | | | | | |
| Arsenic | <0.0028 | mg/L | 1.0 | 0.0028 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7440-38-2 | |
| Barium | 9.6 | mg/L | 1.0 | 0.0013 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7440-39-3 | |
| Cadmium | 0.10J | mg/L | 0.25 | 0.0013 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7440-43-9 | |
| Chromium | 0.0062J | mg/L | 0.25 | 0.0022 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7440-47-3 | |
| Copper | 0.16J | mg/L | 0.25 | 0.0014 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7440-50-8 | |
| Lead | 0.37J | mg/L | 1.0 | 0.0069 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7439-92-1 | |
| Nickel | 0.27 | mg/L | 0.25 | 0.0021 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7440-02-0 | |
| Selenium | <0.011 | mg/L | 1.0 | 0.011 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7782-49-2 | |
| Silver | <0.0023 | mg/L | 0.25 | 0.0023 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7440-22-4 | |
| Zinc | 26.8 | mg/L | 1.0 | 0.0091 | 1 | 05/28/10 07:00 | 06/01/10 01:04 | 7440-66-6 | |
| 7470 Mercury, TCLP | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Leachate Method/Date: EPA 1311; 05/26/10 00:00 | | | | | | | | | |
| Mercury | <0.10 | ug/L | 0.20 | 0.10 | 1 | 05/28/10 09:09 | 05/28/10 15:41 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 13.3 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:50 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: WP-DUP **Lab ID: 4032312023** Collected: 05/20/10 00:00 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <51.8 | ug/kg | 219 | 51.8 | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <51.8 | ug/kg | 219 | 51.8 | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <51.8 | ug/kg | 219 | 51.8 | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | 232 | ug/kg | 219 | 51.8 | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <51.8 | ug/kg | 219 | 51.8 | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <51.8 | ug/kg | 219 | 51.8 | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <51.8 | ug/kg | 219 | 51.8 | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 11096-82-5 | |
| PCB, Total | 232 | ug/kg | 219 | 51.8 | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 60 %- | | 50-137 | | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 877-09-8 | |
| Decachlorobiphenyl (S) | 71 %- | | 56-130 | | 2 | 06/01/10 09:13 | 06/02/10 13:33 | 2051-24-3 | |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | <1.0 | mg/kg | 21.3 | 1.0 | 10 | 05/26/10 11:00 | 06/01/10 14:33 | 7440-38-2 | D3 |
| Barium | 9.0 | mg/kg | 5.3 | 0.48 | 10 | 05/26/10 11:00 | 06/01/10 14:33 | 7440-39-3 | |
| Cadmium | 4.5J | mg/kg | 5.3 | 0.28 | 10 | 05/26/10 11:00 | 06/01/10 14:33 | 7440-43-9 | D3 |
| Chromium | 975 | mg/kg | 5.3 | 0.34 | 10 | 05/26/10 11:00 | 06/01/10 14:33 | 7440-47-3 | |
| Lead | 945 | mg/kg | 10.7 | 1.0 | 10 | 05/26/10 11:00 | 06/01/10 14:33 | 7439-92-1 | |
| Selenium | 5.9J | mg/kg | 21.3 | 1.7 | 10 | 05/26/10 11:00 | 06/01/10 14:33 | 7782-49-2 | B,D3 |
| Silver | 3.4J | mg/kg | 10.7 | 0.48 | 10 | 05/26/10 11:00 | 06/01/10 14:33 | 7440-22-4 | D3 |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.026 | mg/kg | 0.011 | 0.0019 | 1 | 05/27/10 15:00 | 05/28/10 11:03 | 7439-97-6 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 8.7 | % | 0.10 | 0.10 | 1 | | 05/26/10 08:50 | | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Sample Project No.: 4032312

Sample: MRL-1 **Lab ID: 4032312024** Collected: 05/21/10 10:15 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <0.33 | ug/L | 1.1 | 0.33 | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | <0.33 | ug/L | 1.1 | 0.33 | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <0.33 | ug/L | 1.1 | 0.33 | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <0.33 | ug/L | 1.1 | 0.33 | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <0.33 | ug/L | 1.1 | 0.33 | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <0.33 | ug/L | 1.1 | 0.33 | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <0.33 | ug/L | 1.1 | 0.33 | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 11096-82-5 | |
| PCB, Total | <0.33 | ug/L | 1.1 | 0.33 | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 101 | %- | 51-130 | | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 877-09-8 | |
| Decachlorobiphenyl (S) | 105 | %- | 18-150 | | 1 | 05/27/10 10:15 | 06/01/10 22:09 | 2051-24-3 | |
| 6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | | |
| Arsenic | 5.0J | ug/L | 20.0 | 0.55 | 1 | 05/26/10 20:00 | 05/31/10 18:42 | 7440-38-2 | |
| Barium | 79.2 | ug/L | 5.0 | 0.27 | 1 | 05/26/10 20:00 | 05/31/10 18:42 | 7440-39-3 | |
| Cadmium | 0.87J | ug/L | 5.0 | 0.26 | 1 | 05/26/10 20:00 | 05/31/10 18:42 | 7440-43-9 | |
| Chromium | 0.73J | ug/L | 5.0 | 0.44 | 1 | 05/26/10 20:00 | 05/31/10 18:42 | 7440-47-3 | |
| Lead | <1.4 | ug/L | 7.5 | 1.4 | 1 | 05/26/10 20:00 | 05/31/10 18:42 | 7439-92-1 | |
| Selenium | <2.1 | ug/L | 20.0 | 2.1 | 1 | 05/26/10 20:00 | 05/31/10 18:42 | 7782-49-2 | |
| Silver | <0.46 | ug/L | 10.0 | 0.46 | 1 | 05/26/10 20:00 | 05/31/10 18:42 | 7440-22-4 | |
| 7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | | |
| Mercury | <0.10 | ug/L | 0.20 | 0.10 | 1 | 05/27/10 09:23 | 05/28/10 14:27 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| Acenaphthene | <0.97 | ug/L | 5.1 | 0.97 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 83-32-9 | |
| Acenaphthylene | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 208-96-8 | |
| Anthracene | <0.64 | ug/L | 5.1 | 0.64 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 120-12-7 | |
| Benzo(a)anthracene | <0.62 | ug/L | 5.1 | 0.62 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 56-55-3 | |
| Benzo(a)pyrene | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 50-32-8 | |
| Benzo(b)fluoranthene | <1.5 | ug/L | 5.1 | 1.5 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.79 | ug/L | 5.1 | 0.79 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 191-24-2 | |
| Benzo(k)fluoranthene | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 207-08-9 | |
| 4-Bromophenylphenyl ether | <1.3 | ug/L | 5.1 | 1.3 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 101-55-3 | |
| Butylbenzylphthalate | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 85-68-7 | |
| Carbazole | <0.71 | ug/L | 5.1 | 0.71 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 86-74-8 | |
| 4-Chloro-3-methylphenol | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 59-50-7 | |
| 4-Chloroaniline | <0.83 | ug/L | 5.1 | 0.83 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <0.67 | ug/L | 5.1 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 111-44-4 | |
| 2-Chloronaphthalene | <0.86 | ug/L | 5.1 | 0.86 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 91-58-7 | |
| 2-Chlorophenol | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 7005-72-3 | |
| Chrysene | <0.80 | ug/L | 5.1 | 0.80 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 53-70-3 | |
| Dibenzofuran | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 132-64-9 | |
| 1,2-Dichlorobenzene | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 95-50-1 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 50 of 90

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



ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: MRL-1 **Lab ID: 4032312024** Collected: 05/21/10 10:15 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | | |
| 1,3-Dichlorobenzene | <0.84 | ug/L | 5.1 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.88 | ug/L | 5.1 | 0.88 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 91-94-1 | |
| 2,4-Dichlorophenol | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 120-83-2 | |
| Diethylphthalate | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 84-66-2 | |
| 2,4-Dimethylphenol | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 105-67-9 | |
| Dimethylphthalate | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 131-11-3 | |
| Di-n-butylphthalate | <0.91 | ug/L | 5.1 | 0.91 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <0.76 | ug/L | 5.1 | 0.76 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 534-52-1 | |
| 2,4-Dinitrophenol | <2.1 | ug/L | 10.2 | 2.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 51-28-5 | |
| 2,4-Dinitrotoluene | <0.82 | ug/L | 5.1 | 0.82 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 121-14-2 | |
| 2,6-Dinitrotoluene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 606-20-2 | |
| Di-n-octylphthalate | <1.6 | ug/L | 5.1 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <2.7 | ug/L | 5.1 | 2.7 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 117-81-7 | |
| Fluoranthene | <0.93 | ug/L | 5.1 | 0.93 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 206-44-0 | |
| Fluorene | <1.2 | ug/L | 5.1 | 1.2 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 10.2 | 0.67 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 87-68-3 | |
| Hexachlorobenzene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 118-74-1 | |
| Hexachlorocyclopentadiene | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 77-47-4 | |
| Hexachloroethane | <0.59 | ug/L | 5.1 | 0.59 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <0.68 | ug/L | 5.1 | 0.68 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 193-39-5 | |
| Isophorone | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 78-59-1 | |
| 2-Methylnaphthalene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <0.78 | ug/L | 5.1 | 0.78 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | | |
| Naphthalene | <0.72 | ug/L | 5.1 | 0.72 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 91-20-3 | |
| 2-Nitroaniline | <0.85 | ug/L | 5.1 | 0.85 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 88-74-4 | |
| 3-Nitroaniline | <0.99 | ug/L | 5.1 | 0.99 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 99-09-2 | |
| 4-Nitroaniline | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 100-01-6 | |
| Nitrobenzene | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 98-95-3 | |
| 2-Nitrophenol | <1.4 | ug/L | 5.1 | 1.4 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 88-75-5 | |
| 4-Nitrophenol | <0.89 | ug/L | 10.2 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2.5 | ug/L | 10.2 | 2.5 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 86-30-6 | |
| 2,2'-Oxybis(1-chloropropane) | <0.84 | ug/L | 5.1 | 0.84 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 108-60-1 | L2 |
| Pentachlorophenol | <1.1 | ug/L | 10.2 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 87-86-5 | |
| Phenanthrene | <0.65 | ug/L | 5.1 | 0.65 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 85-01-8 | |
| Phenol | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 108-95-2 | |
| Pyrene | <1.6 | ug/L | 5.1 | 1.6 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | <0.89 | ug/L | 5.1 | 0.89 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 120-82-1 | |
| 2,4,5-Trichlorophenol | <1.0 | ug/L | 5.1 | 1.0 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <1.1 | ug/L | 5.1 | 1.1 | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 64 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 4165-60-0 | S0 |
| 2-Fluorobiphenyl (S) | 80 | %- | 66-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 321-60-8 | |
| Terphenyl-d14 (S) | 123 | %- | 52-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 1718-51-0 | |
| Phenol-d6 (S) | 33 | %- | 20-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 13127-88-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: MRL-1 **Lab ID: 4032312024** Collected: 05/21/10 10:15 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|--------------|---|--------|------|----|----------------|----------------|------------|------|
| 8270 MSSV Semivolatile Organic | | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | |
| 2-Fluorophenol (S) | 46 %- | | 32-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 110 %- | | 42-130 | | 1 | 05/27/10 13:00 | 05/28/10 18:38 | 118-79-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 12:08 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 12:08 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:08 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 12:08 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 12:08 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 12:08 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 12:08 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 12:08 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:08 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 12:08 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 12:08 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:08 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 12:08 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 12:08 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 12:08 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 12:08 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 12:08 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 12:08 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 12:08 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 12:08 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:08 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 12:08 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 12:08 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 12:08 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 12:08 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 12:08 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 12:08 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:08 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 12:08 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 12:08 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 12:08 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 12:08 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 12:08 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 12:08 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 12:08 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 12:08 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 12:08 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 12:08 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 12:08 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 12:08 | 99-87-6 | |
| Methylene Chloride | 0.93J | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 12:08 | 75-09-2 | Z3 |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 12:08 | 1634-04-4 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: MRL-1 **Lab ID: 4032312024** Collected: 05/21/10 10:15 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 12:08 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 12:08 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 12:08 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 12:08 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 12:08 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 12:08 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 12:08 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 12:08 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:08 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 12:08 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 12:08 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 12:08 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 12:08 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 12:08 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 12:08 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:08 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 12:08 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 12:08 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 12:08 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 88 | %- | 69-130 | | 1 | | 05/26/10 12:08 | 460-00-4 | |
| Dibromofluoromethane (S) | 96 | %- | 70-134 | | 1 | | 05/26/10 12:08 | 1868-53-7 | |
| Toluene-d8 (S) | 99 | %- | 70-130 | | 1 | | 05/26/10 12:08 | 2037-26-5 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Lab Project No.: 4032312

Sample: **FRSL-1** Lab ID: **4032312025** Collected: 05/21/10 08:15 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8082 GCS PCB | | | | | | | | | |
| Analytical Method: EPA 8082 Preparation Method: EPA 3541 | | | | | | | | | |
| PCB-1016 (Aroclor 1016) | <236 | ug/kg | 1000 | 236 | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 12674-11-2 | D3 |
| PCB-1221 (Aroclor 1221) | <236 | ug/kg | 1000 | 236 | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | <236 | ug/kg | 1000 | 236 | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | <236 | ug/kg | 1000 | 236 | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | <236 | ug/kg | 1000 | 236 | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | <236 | ug/kg | 1000 | 236 | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | <236 | ug/kg | 1000 | 236 | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 11096-82-5 | |
| PCB, Total | <236 | ug/kg | 1000 | 236 | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 1336-36-3 | |
| Tetrachloro-m-xylene (S) | 89 %- | | 50-137 | | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 877-09-8 | |
| Decachlorobiphenyl (S) | 67 %- | | 56-130 | | 10 | 06/03/10 14:36 | 06/04/10 22:08 | 2051-24-3 | 2q |
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Arsenic | 1.1J | mg/kg | 1.8 | 0.085 | 1 | 05/26/10 11:00 | 06/01/10 14:45 | 7440-38-2 | |
| Barium | 13.8 | mg/kg | 0.45 | 0.040 | 1 | 05/26/10 11:00 | 06/01/10 14:45 | 7440-39-3 | |
| Cadmium | 2.5 | mg/kg | 0.45 | 0.023 | 1 | 05/26/10 11:00 | 06/01/10 14:45 | 7440-43-9 | |
| Chromium | 5.4 | mg/kg | 0.45 | 0.028 | 1 | 05/26/10 11:00 | 06/01/10 14:45 | 7440-47-3 | |
| Lead | 6.0 | mg/kg | 0.89 | 0.086 | 1 | 05/26/10 11:00 | 06/01/10 14:45 | 7439-92-1 | |
| Selenium | 0.30J | mg/kg | 1.8 | 0.14 | 1 | 05/26/10 11:00 | 06/01/10 14:45 | 7782-49-2 | B |
| Silver | <0.040 | mg/kg | 0.89 | 0.040 | 1 | 05/26/10 11:00 | 06/01/10 14:45 | 7440-22-4 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Mercury | 0.0081J | mg/kg | 0.010 | 0.0018 | 1 | 05/27/10 15:00 | 05/28/10 11:05 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 83-32-9 | |
| Acenaphthylene | <2150 | ug/kg | 20000 | 2150 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 208-96-8 | |
| Anthracene | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 120-12-7 | |
| Benzo(a)anthracene | <2250 | ug/kg | 20000 | 2250 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 56-55-3 | |
| Benzo(a)pyrene | <2430 | ug/kg | 20000 | 2430 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 50-32-8 | |
| Benzo(b)fluoranthene | <2360 | ug/kg | 20000 | 2360 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 205-99-2 | |
| Benzo(g,h,i)perylene | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 191-24-2 | |
| Benzo(k)fluoranthene | <3160 | ug/kg | 20000 | 3160 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 207-08-9 | |
| Benzyl alcohol | <2490 | ug/kg | 40000 | 2490 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 100-51-6 | |
| 4-Bromophenylphenyl ether | <2120 | ug/kg | 20000 | 2120 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 101-55-3 | |
| Butylbenzylphthalate | <4510 | ug/kg | 20000 | 4510 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 85-68-7 | |
| 4-Chloro-3-methylphenol | <2040 | ug/kg | 20000 | 2040 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 59-50-7 | |
| 4-Chloroaniline | <10000 | ug/kg | 40000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | <2410 | ug/kg | 20000 | 2410 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 111-91-1 | |
| bis(2-Chloroethyl) ether | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 111-44-4 | L2 |
| 2-Chloronaphthalene | <2080 | ug/kg | 20000 | 2080 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 91-58-7 | |
| 2-Chlorophenol | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 7005-72-3 | |
| Chrysene | <2920 | ug/kg | 20000 | 2920 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 218-01-9 | |
| Dibenz(a,h)anthracene | <3660 | ug/kg | 20000 | 3660 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 53-70-3 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Sample Project No.: 4032312

Sample: FRSL-1 Lab ID: 4032312025 Collected: 05/21/10 08:15 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|--|--------|-------|----|----------------|----------------|------------|------|
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| Dibenzofuran | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 132-64-9 | |
| 3,3'-Dichlorobenzidine | <1450 | ug/kg | 20000 | 1450 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 91-94-1 | |
| 2,4-Dichlorophenol | <1710 | ug/kg | 20000 | 1710 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 120-83-2 | |
| Diethylphthalate | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 84-66-2 | |
| 2,4-Dimethylphenol | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 105-67-9 | |
| Dimethylphthalate | <2100 | ug/kg | 20000 | 2100 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 131-11-3 | |
| Di-n-butylphthalate | 24100 | ug/kg | 20000 | 3350 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 534-52-1 | |
| 2,4-Dinitrophenol | <14700 | ug/kg | 80000 | 14700 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 51-28-5 | |
| 2,4-Dinitrotoluene | <1570 | ug/kg | 20000 | 1570 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 121-14-2 | |
| 2,6-Dinitrotoluene | <2310 | ug/kg | 20000 | 2310 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 606-20-2 | |
| Di-n-octylphthalate | <2190 | ug/kg | 20000 | 2190 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | <4100 | ug/kg | 20000 | 4100 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 117-81-7 | |
| Fluoranthene | <3540 | ug/kg | 20000 | 3540 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 206-44-0 | |
| Fluorene | <1010 | ug/kg | 20000 | 1010 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 86-73-7 | |
| Hexachloro-1,3-butadiene | <2570 | ug/kg | 20000 | 2570 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 87-68-3 | |
| Hexachlorobenzene | <1180 | ug/kg | 20000 | 1180 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 118-74-1 | |
| Hexachlorocyclopentadiene | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 77-47-4 | |
| Hexachloroethane | <2530 | ug/kg | 20000 | 2530 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | <2680 | ug/kg | 20000 | 2680 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 193-39-5 | |
| Isophorone | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 78-59-1 | |
| 2-Methylnaphthalene | <2210 | ug/kg | 20000 | 2210 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | <2090 | ug/kg | 20000 | 2090 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | | |
| Naphthalene | <2340 | ug/kg | 20000 | 2340 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 91-20-3 | |
| 2-Nitroaniline | <1450 | ug/kg | 20000 | 1450 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 88-74-4 | L2 |
| 3-Nitroaniline | <1580 | ug/kg | 20000 | 1580 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 99-09-2 | |
| 4-Nitroaniline | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 100-01-6 | |
| Nitrobenzene | <2300 | ug/kg | 20000 | 2300 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 98-95-3 | |
| 2-Nitrophenol | <2390 | ug/kg | 20000 | 2390 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 88-75-5 | |
| 4-Nitrophenol | <3950 | ug/kg | 20000 | 3950 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 100-02-7 | |
| N-Nitroso-di-n-propylamine | <2370 | ug/kg | 20000 | 2370 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 621-64-7 | |
| N-Nitrosodiphenylamine | <2750 | ug/kg | 20000 | 2750 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 86-30-6 | |
| Pentachlorophenol | <10000 | ug/kg | 39600 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 87-86-5 | |
| Phenanthrene | <10000 | ug/kg | 20000 | 10000 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 85-01-8 | |
| Phenol | <2380 | ug/kg | 20000 | 2380 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 108-95-2 | D3 |
| Pyrene | <4870 | ug/kg | 20000 | 4870 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 129-00-0 | |
| 1,2,4,5-Tetrachlorobenzene | <6270 | ug/kg | 20000 | 6270 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 95-94-3 | |
| 2,4,5-Trichlorophenol | <1320 | ug/kg | 20000 | 1320 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 95-95-4 | |
| 2,4,6-Trichlorophenol | <2210 | ug/kg | 20000 | 2210 | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 88-06-2 | |
| Nitrobenzene-d5 (S) | 0 %- | | 37-130 | | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 4165-60-0 | S4 |
| 2-Fluorobiphenyl (S) | 0 %- | | 46-130 | | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 %- | | 27-135 | | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 1718-51-0 | S4 |
| Phenol-d6 (S) | 0 %- | | 30-130 | | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 13127-88-3 | S4 |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: FRSL-1 Lab ID: 4032312025 Collected: 05/21/10 08:15 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|----------|------|
| 8270 MSSV FULL LIST MICROWAVE | | Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | |
| 2-Fluorophenol (S) | 0 %- | | 28-130 | | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 367-12-4 | S4 |
| 2,4,6-Tribromophenol (S) | 0 %- | | 23-130 | | 20 | 05/26/10 09:34 | 05/27/10 16:55 | 118-79-6 | S4 |
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 630-20-6 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 71-55-6 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 79-34-5 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 79-00-5 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-34-3 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-35-4 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 563-58-6 | W |
| 1,2,3-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 87-61-6 | W |
| 1,2,3-Trichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 96-18-4 | W |
| 1,2,4-Trichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 120-82-1 | W |
| 1,2,4-Trimethylbenzene | 97.4 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 95-63-6 | |
| 1,2-Dibromo-3-chloropropane | <82.3 | ug/kg | 250 | 82.3 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 96-12-8 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 106-93-4 | W |
| 1,2-Dichlorobenzene | <44.4 | ug/kg | 60.0 | 44.4 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 95-50-1 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 107-06-2 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 78-87-5 | W |
| 1,3,5-Trimethylbenzene | 91.4 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 108-67-8 | |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 541-73-1 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 142-28-9 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 106-46-7 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 594-20-7 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 106-43-4 | W |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-27-4 | W |
| Bromoform | <25.9 | ug/kg | 60.0 | 25.9 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-25-2 | W |
| Bromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 74-83-9 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 108-90-7 | W |
| Chloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-00-3 | W |
| Chloroform | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 74-87-3 | W |
| Dibromochloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 124-48-1 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 74-95-3 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-71-8 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <26.4 | ug/kg | 60.0 | 26.4 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 87-68-3 | W |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: FRSL-1 **Lab ID: 4032312025** Collected: 05/21/10 08:15 Received: 05/25/10 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------------------|---------|--|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 98-82-8 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 1634-04-4 | W |
| Methylene Chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-09-2 | W |
| Naphthalene | 117 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 91-20-3 | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 100-42-5 | W |
| Tetrachloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 108-88-3 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-69-4 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 75-01-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 156-59-2 | W |
| cis-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 10061-01-5 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 179601-23-1 | W |
| n-Butylbenzene | <40.4 | ug/kg | 60.0 | 40.4 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 104-51-8 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 103-65-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 95-47-6 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 99-87-6 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 98-06-6 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 156-60-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 10061-02-6 | W |
| Dibromofluoromethane (S) | 97 | %- | 67-143 | | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 1868-53-7 | |
| Toluene-d8 (S) | 105 | %- | 67-132 | | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 91 | %- | 55-141 | | 1 | 05/27/10 10:37 | 05/27/10 16:53 | 460-00-4 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

Sample: TRIP BLANK **Lab ID: 4032312026** Collected: 05/20/10 00:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 09:05 | 71-43-2 | |
| Bromobenzene | <0.82 | ug/L | 1.0 | 0.82 | 1 | | 05/26/10 09:05 | 108-86-1 | |
| Bromochloromethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 09:05 | 74-97-5 | |
| Bromodichloromethane | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 09:05 | 75-27-4 | |
| Bromoform | <0.94 | ug/L | 1.0 | 0.94 | 1 | | 05/26/10 09:05 | 75-25-2 | |
| Bromomethane | <0.91 | ug/L | 1.0 | 0.91 | 1 | | 05/26/10 09:05 | 74-83-9 | |
| n-Butylbenzene | <0.93 | ug/L | 1.0 | 0.93 | 1 | | 05/26/10 09:05 | 104-51-8 | |
| sec-Butylbenzene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 09:05 | 135-98-8 | |
| tert-Butylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 09:05 | 98-06-6 | |
| Carbon tetrachloride | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 09:05 | 56-23-5 | |
| Chlorobenzene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 05/26/10 09:05 | 108-90-7 | |
| Chloroethane | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 09:05 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 05/26/10 09:05 | 67-66-3 | |
| Chloromethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 05/26/10 09:05 | 74-87-3 | |
| 2-Chlorotoluene | <0.85 | ug/L | 1.0 | 0.85 | 1 | | 05/26/10 09:05 | 95-49-8 | |
| 4-Chlorotoluene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 09:05 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.7 | ug/L | 5.0 | 1.7 | 1 | | 05/26/10 09:05 | 96-12-8 | |
| Dibromochloromethane | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 09:05 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.56 | ug/L | 1.0 | 0.56 | 1 | | 05/26/10 09:05 | 106-93-4 | |
| Dibromomethane | <0.60 | ug/L | 1.0 | 0.60 | 1 | | 05/26/10 09:05 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 09:05 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.87 | ug/L | 1.0 | 0.87 | 1 | | 05/26/10 09:05 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.95 | ug/L | 1.0 | 0.95 | 1 | | 05/26/10 09:05 | 106-46-7 | |
| Dichlorodifluoromethane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 09:05 | 75-71-8 | |
| 1,1-Dichloroethane | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 09:05 | 75-34-3 | |
| 1,2-Dichloroethane | <0.36 | ug/L | 1.0 | 0.36 | 1 | | 05/26/10 09:05 | 107-06-2 | |
| 1,1-Dichloroethene | <0.57 | ug/L | 1.0 | 0.57 | 1 | | 05/26/10 09:05 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 09:05 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.89 | ug/L | 1.0 | 0.89 | 1 | | 05/26/10 09:05 | 156-60-5 | |
| 1,2-Dichloropropane | <0.49 | ug/L | 1.0 | 0.49 | 1 | | 05/26/10 09:05 | 78-87-5 | |
| 1,3-Dichloropropane | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 09:05 | 142-28-9 | |
| 2,2-Dichloropropane | <0.62 | ug/L | 1.0 | 0.62 | 1 | | 05/26/10 09:05 | 594-20-7 | |
| 1,1-Dichloropropene | <0.75 | ug/L | 1.0 | 0.75 | 1 | | 05/26/10 09:05 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 09:05 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.19 | ug/L | 1.0 | 0.19 | 1 | | 05/26/10 09:05 | 10061-02-6 | |
| Diisopropyl ether | <0.76 | ug/L | 1.0 | 0.76 | 1 | | 05/26/10 09:05 | 108-20-3 | |
| Ethylbenzene | <0.54 | ug/L | 1.0 | 0.54 | 1 | | 05/26/10 09:05 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <0.67 | ug/L | 5.0 | 0.67 | 1 | | 05/26/10 09:05 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.59 | ug/L | 1.0 | 0.59 | 1 | | 05/26/10 09:05 | 98-82-8 | |
| p-Isopropyltoluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 09:05 | 99-87-6 | |
| Methylene Chloride | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 05/26/10 09:05 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.61 | ug/L | 1.0 | 0.61 | 1 | | 05/26/10 09:05 | 1634-04-4 | |
| Naphthalene | <0.89 | ug/L | 5.0 | 0.89 | 1 | | 05/26/10 09:05 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 1.0 | 0.81 | 1 | | 05/26/10 09:05 | 103-65-1 | |
| Styrene | <0.86 | ug/L | 1.0 | 0.86 | 1 | | 05/26/10 09:05 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.92 | ug/L | 1.0 | 0.92 | 1 | | 05/26/10 09:05 | 630-20-6 | |

ANALYTICAL RESULTS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

Sample: TRIP BLANK **Lab ID: 4032312026** Collected: 05/20/10 00:00 Received: 05/25/10 09:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 05/26/10 09:05 | 79-34-5 | |
| Tetrachloroethene | <0.45 | ug/L | 1.0 | 0.45 | 1 | | 05/26/10 09:05 | 127-18-4 | |
| Toluene | <0.67 | ug/L | 1.0 | 0.67 | 1 | | 05/26/10 09:05 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <0.74 | ug/L | 1.0 | 0.74 | 1 | | 05/26/10 09:05 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 09:05 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.90 | ug/L | 1.0 | 0.90 | 1 | | 05/26/10 09:05 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.42 | ug/L | 1.0 | 0.42 | 1 | | 05/26/10 09:05 | 79-00-5 | |
| Trichloroethene | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 05/26/10 09:05 | 79-01-6 | |
| Trichlorofluoromethane | <0.79 | ug/L | 1.0 | 0.79 | 1 | | 05/26/10 09:05 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.99 | ug/L | 1.0 | 0.99 | 1 | | 05/26/10 09:05 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.97 | ug/L | 1.0 | 0.97 | 1 | | 05/26/10 09:05 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 09:05 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 05/26/10 09:05 | 75-01-4 | |
| m&p-Xylene | <1.8 | ug/L | 2.0 | 1.8 | 1 | | 05/26/10 09:05 | 179601-23-1 | |
| o-Xylene | <0.83 | ug/L | 1.0 | 0.83 | 1 | | 05/26/10 09:05 | 95-47-6 | |
| 4-Bromofluorobenzene (S) | 87 | %- | 69-130 | | 1 | | 05/26/10 09:05 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | %- | 70-134 | | 1 | | 05/26/10 09:05 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | %- | 70-130 | | 1 | | 05/26/10 09:05 | 2037-26-5 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

QC Batch: OEXT/7370

Analysis Method: EPA 8082

QC Batch Method: EPA 3541

Analysis Description: 8082 GCS PCB

Associated Lab Samples: 4032312001, 4032312002, 4032312003, 4032312004, 4032312005, 4032312006, 4032312007, 4032312008, 4032312009, 4032312010, 4032312011, 4032312012, 4032312013, 4032312014, 4032312015

METHOD BLANK: 306120

Matrix: Solid

Associated Lab Samples: 4032312001, 4032312002, 4032312003, 4032312004, 4032312005, 4032312006, 4032312007, 4032312008, 4032312009, 4032312010, 4032312011, 4032312012, 4032312013, 4032312014, 4032312015

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| PCB-1016 (Aroclor 1016) | ug/kg | <23.6 | 100 | 06/01/10 09:49 | |
| PCB-1221 (Aroclor 1221) | ug/kg | <23.6 | 100 | 06/01/10 09:49 | |
| PCB-1232 (Aroclor 1232) | ug/kg | <23.6 | 100 | 06/01/10 09:49 | |
| PCB-1242 (Aroclor 1242) | ug/kg | <23.6 | 100 | 06/01/10 09:49 | |
| PCB-1248 (Aroclor 1248) | ug/kg | <23.6 | 100 | 06/01/10 09:49 | |
| PCB-1254 (Aroclor 1254) | ug/kg | <23.6 | 100 | 06/01/10 09:49 | |
| PCB-1260 (Aroclor 1260) | ug/kg | <23.6 | 100 | 06/01/10 09:49 | |
| Decachlorobiphenyl (S) | %- | 99 | 56-130 | 06/01/10 09:49 | |
| Tetrachloro-m-xylene (S) | %- | 87 | 50-137 | 06/01/10 09:49 | |

LABORATORY CONTROL SAMPLE: 306121

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| PCB-1016 (Aroclor 1016) | ug/kg | | <23.6 | | | |
| PCB-1221 (Aroclor 1221) | ug/kg | | <23.6 | | | |
| PCB-1232 (Aroclor 1232) | ug/kg | | <23.6 | | | |
| PCB-1242 (Aroclor 1242) | ug/kg | | <23.6 | | | |
| PCB-1248 (Aroclor 1248) | ug/kg | | <23.6 | | | |
| PCB-1254 (Aroclor 1254) | ug/kg | | <23.6 | | | |
| PCB-1260 (Aroclor 1260) | ug/kg | 500 | 499 | 100 | 53-109 | |
| Decachlorobiphenyl (S) | %- | | | 100 | 56-130 | |
| Tetrachloro-m-xylene (S) | %- | | | 88 | 50-137 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 306122 306123

| Parameter | Units | 306122 | | 306123 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|--------------------------|-------|-------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|------|
| | | 4032312001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| PCB-1016 (Aroclor 1016) | ug/kg | <97.6 | | | <97.6 | <97.6 | | | | | 21 |
| PCB-1221 (Aroclor 1221) | ug/kg | <97.6 | | | <97.6 | <97.6 | | | | | 21 |
| PCB-1232 (Aroclor 1232) | ug/kg | <97.6 | | | <97.6 | <97.6 | | | | | 21 |
| PCB-1242 (Aroclor 1242) | ug/kg | 534 | | | 592 | 558 | | | 6 | | 21 |
| PCB-1248 (Aroclor 1248) | ug/kg | <97.6 | | | <97.6 | <97.6 | | | | | 21 |
| PCB-1254 (Aroclor 1254) | ug/kg | 1280 | | | 1420 | 1340 | | | 6 | | 21 |
| PCB-1260 (Aroclor 1260) | ug/kg | 341J | 516 | 516 | 833 | 754 | 95 | 80 | 38-110 | 10 | 21 |
| Decachlorobiphenyl (S) | %- | | | | | | 83 | 75 | 56-130 | | |
| Tetrachloro-m-xylene (S) | %- | | | | | | 78 | 70 | 50-137 | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

QC Batch: OEXT/7385 Analysis Method: EPA 8082
 QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 4032312016, 4032312017, 4032312018, 4032312019, 4032312020, 4032312021, 4032312023

METHOD BLANK: 307544 Matrix: Solid
 Associated Lab Samples: 4032312016, 4032312017, 4032312018, 4032312019, 4032312020, 4032312021, 4032312023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| PCB-1016 (Aroclor 1016) | ug/kg | <23.6 | 100 | 06/01/10 21:38 | |
| PCB-1221 (Aroclor 1221) | ug/kg | <23.6 | 100 | 06/01/10 21:38 | |
| PCB-1232 (Aroclor 1232) | ug/kg | <23.6 | 100 | 06/01/10 21:38 | |
| PCB-1242 (Aroclor 1242) | ug/kg | <23.6 | 100 | 06/01/10 21:38 | |
| PCB-1248 (Aroclor 1248) | ug/kg | <23.6 | 100 | 06/01/10 21:38 | |
| PCB-1254 (Aroclor 1254) | ug/kg | <23.6 | 100 | 06/01/10 21:38 | |
| PCB-1260 (Aroclor 1260) | ug/kg | <23.6 | 100 | 06/01/10 21:38 | |
| Decachlorobiphenyl (S) | %- | 95 | 56-130 | 06/01/10 21:38 | |
| Tetrachloro-m-xylene (S) | %- | 81 | 50-137 | 06/01/10 21:38 | |

LABORATORY CONTROL SAMPLE: 307545

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| PCB-1016 (Aroclor 1016) | ug/kg | | <23.6 | | | |
| PCB-1221 (Aroclor 1221) | ug/kg | | <23.6 | | | |
| PCB-1232 (Aroclor 1232) | ug/kg | | <23.6 | | | |
| PCB-1242 (Aroclor 1242) | ug/kg | | <23.6 | | | |
| PCB-1248 (Aroclor 1248) | ug/kg | | <23.6 | | | |
| PCB-1254 (Aroclor 1254) | ug/kg | | <23.6 | | | |
| PCB-1260 (Aroclor 1260) | ug/kg | 500 | 452 | 90 | 53-109 | |
| Decachlorobiphenyl (S) | %- | | | 92 | 56-130 | |
| Tetrachloro-m-xylene (S) | %- | | | 82 | 50-137 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 307546 307547

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|--------------------------|-------|-------------------|-------------|-------------|--------|----------|-----------|--------------|--------|---------|------|
| | | 4032511001 Result | Spike Conc. | Spike Conc. | Result | | | | | | |
| PCB-1016 (Aroclor 1016) | ug/kg | <229 | | | <229 | <229 | | | | | 21 |
| PCB-1221 (Aroclor 1221) | ug/kg | <229 | | | <229 | <229 | | | | | 21 |
| PCB-1232 (Aroclor 1232) | ug/kg | <229 | | | <229 | <229 | | | | | 21 |
| PCB-1242 (Aroclor 1242) | ug/kg | 5220 | | | 6760 | 5160 | | | 27 | | 21 |
| PCB-1248 (Aroclor 1248) | ug/kg | <229 | | | <229 | <229 | | | | | 21 |
| PCB-1254 (Aroclor 1254) | ug/kg | <229 | | | <229 | <229 | | | | | 21 |
| PCB-1260 (Aroclor 1260) | ug/kg | <229 | 970 | 970 | 1030 | 883J | 107 | 91 | 38-110 | | 21 |
| Decachlorobiphenyl (S) | %- | | | | | | 83 | 66 | 56-130 | | |
| Tetrachloro-m-xylene (S) | %- | | | | | | 72 | 58 | 50-137 | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

QC Batch: OEXT/7413 Analysis Method: EPA 8082
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 4032312025

METHOD BLANK: 308840 Matrix: Solid

Associated Lab Samples: 4032312025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| PCB-1016 (Aroclor 1016) | ug/kg | <23.6 | 100 | 06/04/10 20:59 | |
| PCB-1221 (Aroclor 1221) | ug/kg | <23.6 | 100 | 06/04/10 20:59 | |
| PCB-1232 (Aroclor 1232) | ug/kg | <23.6 | 100 | 06/04/10 20:59 | |
| PCB-1242 (Aroclor 1242) | ug/kg | <23.6 | 100 | 06/04/10 20:59 | |
| PCB-1248 (Aroclor 1248) | ug/kg | <23.6 | 100 | 06/04/10 20:59 | |
| PCB-1254 (Aroclor 1254) | ug/kg | <23.6 | 100 | 06/04/10 20:59 | |
| PCB-1260 (Aroclor 1260) | ug/kg | <23.6 | 100 | 06/04/10 20:59 | |
| Decachlorobiphenyl (S) | %- | 74 | 56-130 | 06/04/10 20:59 | |
| Tetrachloro-m-xylene (S) | %- | 66 | 50-137 | 06/04/10 20:59 | |

LABORATORY CONTROL SAMPLE: 308841

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| PCB-1016 (Aroclor 1016) | ug/kg | | <23.6 | | | |
| PCB-1221 (Aroclor 1221) | ug/kg | | <23.6 | | | |
| PCB-1232 (Aroclor 1232) | ug/kg | | <23.6 | | | |
| PCB-1242 (Aroclor 1242) | ug/kg | | <23.6 | | | |
| PCB-1248 (Aroclor 1248) | ug/kg | | <23.6 | | | |
| PCB-1254 (Aroclor 1254) | ug/kg | | <23.6 | | | |
| PCB-1260 (Aroclor 1260) | ug/kg | 500 | 467 | 93 | 53-109 | |
| Decachlorobiphenyl (S) | %- | | | 92 | 56-130 | |
| Tetrachloro-m-xylene (S) | %- | | | 81 | 50-137 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 308842 308843

| Parameter | Units | 4032332004 | | MSD | | MS | | MSD | | % Rec Limits | RPD | Max RPD | Qual |
|--------------------------|-------|------------|-------|-------------|-------------|--------|--------|-------|-------|--------------|-----|---------|-------|
| | | Result | Conc. | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | | | | |
| PCB-1016 (Aroclor 1016) | ug/kg | <47.9 | | | | <47.9 | <47.9 | | | | | | 21 |
| PCB-1221 (Aroclor 1221) | ug/kg | <47.9 | | | | <47.9 | <47.9 | | | | | | 21 |
| PCB-1232 (Aroclor 1232) | ug/kg | <47.9 | | | | <47.9 | <47.9 | | | | | | 21 |
| PCB-1242 (Aroclor 1242) | ug/kg | 185J | | | | 198J | 174J | | | | | | 21 1q |
| PCB-1248 (Aroclor 1248) | ug/kg | <47.9 | | | | <47.9 | <47.9 | | | | | | 21 |
| PCB-1254 (Aroclor 1254) | ug/kg | 252 | | | | 337 | 289 | | | | 15 | 21 | 1q |
| PCB-1260 (Aroclor 1260) | ug/kg | 449 | | 506 | 506 | 962 | 853 | 101 | 80 | 38-110 | 12 | 21 | |
| Decachlorobiphenyl (S) | %- | | | | | | | 88 | 75 | 56-130 | | | |
| Tetrachloro-m-xylene (S) | %- | | | | | | | 72 | 61 | 50-137 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

QC Batch: OEXT/7558 Analysis Method: EPA 8082
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 4032312022

METHOD BLANK: 316355 Matrix: Solid

Associated Lab Samples: 4032312022

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| PCB-1016 (Aroclor 1016) | ug/kg | <23.6 | 100 | 06/21/10 10:07 | |
| PCB-1221 (Aroclor 1221) | ug/kg | <23.6 | 100 | 06/21/10 10:07 | |
| PCB-1232 (Aroclor 1232) | ug/kg | <23.6 | 100 | 06/21/10 10:07 | |
| PCB-1242 (Aroclor 1242) | ug/kg | <23.6 | 100 | 06/21/10 10:07 | |
| PCB-1248 (Aroclor 1248) | ug/kg | <23.6 | 100 | 06/21/10 10:07 | |
| PCB-1254 (Aroclor 1254) | ug/kg | <23.6 | 100 | 06/21/10 10:07 | |
| PCB-1260 (Aroclor 1260) | ug/kg | <23.6 | 100 | 06/21/10 10:07 | |
| Decachlorobiphenyl (S) | %- | 76 | 56-130 | 06/21/10 10:07 | |
| Tetrachloro-m-xylene (S) | %- | 83 | 50-137 | 06/21/10 10:07 | |

LABORATORY CONTROL SAMPLE: 316356

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| PCB-1016 (Aroclor 1016) | ug/kg | | <23.6 | | | |
| PCB-1221 (Aroclor 1221) | ug/kg | | <23.6 | | | |
| PCB-1232 (Aroclor 1232) | ug/kg | | <23.6 | | | |
| PCB-1242 (Aroclor 1242) | ug/kg | | <23.6 | | | |
| PCB-1248 (Aroclor 1248) | ug/kg | | <23.6 | | | |
| PCB-1254 (Aroclor 1254) | ug/kg | | <23.6 | | | |
| PCB-1260 (Aroclor 1260) | ug/kg | 500 | 378 | 76 | 53-109 | |
| Decachlorobiphenyl (S) | %- | | | 75 | 56-130 | |
| Tetrachloro-m-xylene (S) | %- | | | 81 | 50-137 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 316357 316358

| Parameter | Units | 4033367001 | | MSD | | MS | | MSD | | % Rec Limits | RPD | Max RPD | Qual |
|--------------------------|-------|------------|-------|-------------|-------------|--------|--------|-------|-------|--------------|-----|---------|------|
| | | Result | Conc. | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | | | | |
| PCB-1016 (Aroclor 1016) | ug/kg | <117 | | | | <27.7 | <27.7 | | | | | | 21 |
| PCB-1221 (Aroclor 1221) | ug/kg | <117 | | | | <27.7 | <27.7 | | | | | | 21 |
| PCB-1232 (Aroclor 1232) | ug/kg | <117 | | | | <27.7 | <27.7 | | | | | | 21 |
| PCB-1242 (Aroclor 1242) | ug/kg | <117 | | | | <27.7 | <27.7 | | | | | | 21 |
| PCB-1248 (Aroclor 1248) | ug/kg | <117 | | | | <27.7 | <27.7 | | | | | | 21 |
| PCB-1254 (Aroclor 1254) | ug/kg | <117 | | | | <27.7 | <27.7 | | | | | | 21 |
| PCB-1260 (Aroclor 1260) | ug/kg | <117 | | 587 | 587 | 390 | 391 | 66 | 67 | 38-110 | .5 | 21 | |
| Decachlorobiphenyl (S) | %- | | | | | | | 66 | 67 | 56-130 | | | |
| Tetrachloro-m-xylene (S) | %- | | | | | | | 70 | 69 | 50-137 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| | | | |
|-------------------------|------------|-----------------------|--------------|
| QC Batch: | OEXT/7361 | Analysis Method: | EPA 8082 |
| QC Batch Method: | EPA 3510 | Analysis Description: | 8082 GCS PCB |
| Associated Lab Samples: | 4032312024 | | |

METHOD BLANK: 305495 Matrix: Water

Associated Lab Samples: 4032312024

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| PCB-1016 (Aroclor 1016) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1221 (Aroclor 1221) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1232 (Aroclor 1232) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1242 (Aroclor 1242) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1248 (Aroclor 1248) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1254 (Aroclor 1254) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| PCB-1260 (Aroclor 1260) | ug/L | <0.15 | 0.50 | 06/01/10 17:12 | |
| Decachlorobiphenyl (S) | %- | 72 | 18-150 | 06/01/10 17:12 | |
| Tetrachloro-m-xylene (S) | %- | 87 | 51-130 | 06/01/10 17:12 | |

LABORATORY CONTROL SAMPLE & LCSD: 305496 305497

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|--------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| PCB-1016 (Aroclor 1016) | ug/L | | <0.15 | <0.15 | | | | | 20 | |
| PCB-1221 (Aroclor 1221) | ug/L | | <0.15 | <0.15 | | | | | 20 | |
| PCB-1232 (Aroclor 1232) | ug/L | | <0.15 | <0.15 | | | | | 20 | |
| PCB-1242 (Aroclor 1242) | ug/L | | <0.15 | <0.15 | | | | | 20 | |
| PCB-1248 (Aroclor 1248) | ug/L | | <0.15 | <0.15 | | | | | 20 | |
| PCB-1254 (Aroclor 1254) | ug/L | | <0.15 | <0.15 | | | | | 20 | |
| PCB-1260 (Aroclor 1260) | ug/L | 2.5 | 2.6 | 2.7 | 105 | | 62-130 | 3 | 20 | |
| Decachlorobiphenyl (S) | %- | | | | 95 | 85 | 18-150 | | | |
| Tetrachloro-m-xylene (S) | %- | | | | 84 | 95 | 51-130 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

QC Batch: MPRP/4013 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 4032312012, 4032312013, 4032312014, 4032312015, 4032312016, 4032312017, 4032312018, 4032312019, 4032312020, 4032312021, 4032312023, 4032312025

METHOD BLANK: 304994 Matrix: Solid
Associated Lab Samples: 4032312012, 4032312013, 4032312014, 4032312015, 4032312016, 4032312017, 4032312018, 4032312019, 4032312020, 4032312021, 4032312023, 4032312025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | mg/kg | <0.096 | 2.0 | 06/01/10 13:15 | |
| Barium | mg/kg | <0.045 | 0.50 | 06/01/10 13:15 | |
| Cadmium | mg/kg | <0.026 | 0.50 | 06/01/10 13:15 | |
| Chromium | mg/kg | <0.032 | 0.50 | 06/01/10 13:15 | |
| Lead | mg/kg | <0.097 | 1.0 | 06/01/10 13:15 | |
| Selenium | mg/kg | 0.26J | 2.0 | 06/01/10 13:15 | |
| Silver | mg/kg | <0.045 | 1.0 | 06/01/10 13:15 | |

LABORATORY CONTROL SAMPLE: 304995

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | mg/kg | 50 | 51.4 | 103 | 80-120 | |
| Barium | mg/kg | 50 | 54.3 | 109 | 80-120 | |
| Cadmium | mg/kg | 50 | 51.1 | 102 | 80-120 | |
| Chromium | mg/kg | 50 | 53.0 | 106 | 80-120 | |
| Lead | mg/kg | 50 | 52.9 | 106 | 80-120 | |
| Selenium | mg/kg | 50 | 51.2 | 102 | 80-120 | |
| Silver | mg/kg | 25 | 24.2 | 97 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 304996 304997

| Parameter | Units | 4032287001 | | MS | MSD | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |
|-----------|-------|------------|-------|-------------|-------------|-----------|------------|----------|-----------|--------------|---------|------|
| | | Result | Conc. | Spike Conc. | Spike Conc. | | | | | | | |
| Arsenic | mg/kg | 0.62J | 53.2 | 53.2 | 47.2 | 52.8 | 88 | 98 | 75-125 | 11 | 20 | |
| Barium | mg/kg | 14.4 | 53.2 | 53.2 | 59.0 | 65.8 | 84 | 97 | 75-125 | 11 | 20 | |
| Cadmium | mg/kg | <0.028 | 53.2 | 53.2 | 43.7 | 52.2 | 82 | 98 | 75-125 | 18 | 20 | |
| Chromium | mg/kg | 5.8 | 53.2 | 53.2 | 51.5 | 59.4 | 86 | 101 | 75-125 | 14 | 20 | |
| Lead | mg/kg | 1.2 | 53.2 | 53.2 | 45.4 | 53.9 | 83 | 99 | 75-125 | 17 | 20 | |
| Selenium | mg/kg | <0.17 | 53.2 | 53.2 | 42.8 | 51.0 | 80 | 96 | 75-125 | 17 | 20 | |
| Silver | mg/kg | 0.079J | 26.6 | 26.6 | 20.9 | 24.2 | 78 | 91 | 75-125 | 15 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| | | | |
|-------------------------|------------|-----------------------|---------------|
| QC Batch: | MPRP/4035 | Analysis Method: | EPA 6010 |
| QC Batch Method: | EPA 3010 | Analysis Description: | 6010 MET TCLP |
| Associated Lab Samples: | 4032312022 | | |

METHOD BLANK: 306448 Matrix: Water

Associated Lab Samples: 4032312022

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | mg/L | <0.00055 | 0.20 | 06/01/10 00:28 | |
| Barium | mg/L | <0.00027 | 0.20 | 06/01/10 00:28 | |
| Cadmium | mg/L | <0.00026 | 0.050 | 06/01/10 00:28 | |
| Chromium | mg/L | <0.00044 | 0.050 | 06/03/10 08:25 | |
| Copper | mg/L | 0.00077J | 0.050 | 06/01/10 00:28 | |
| Lead | mg/L | <0.0014 | 0.20 | 06/01/10 00:28 | |
| Nickel | mg/L | 0.0013J | 0.050 | 06/01/10 00:28 | |
| Selenium | mg/L | <0.0021 | 0.20 | 06/01/10 00:28 | |
| Silver | mg/L | <0.00046 | 0.050 | 06/01/10 00:28 | |
| Zinc | mg/L | <0.0018 | 0.20 | 06/01/10 00:28 | |

LABORATORY CONTROL SAMPLE: 306449

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | mg/L | .5 | 0.51 | 101 | 80-120 | |
| Barium | mg/L | .5 | 0.53 | 105 | 80-120 | |
| Cadmium | mg/L | .5 | 0.50 | 101 | 80-120 | |
| Chromium | mg/L | .5 | 0.54 | 108 | 80-120 | |
| Copper | mg/L | .5 | 0.51 | 103 | 80-120 | |
| Lead | mg/L | .5 | 0.50 | 100 | 80-120 | |
| Nickel | mg/L | .5 | 0.51 | 103 | 80-120 | |
| Selenium | mg/L | .5 | 0.49 | 98 | 80-120 | |
| Silver | mg/L | .25 | 0.25 | 100 | 80-120 | |
| Zinc | mg/L | .5 | 0.54 | 107 | 80-120 | |

MATRIX SPIKE SAMPLE: 306450

| Parameter | Units | 4031820003 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------------|-------------|-----------|----------|--------------|------------|
| Arsenic | mg/L | 0.0031J | 2.5 | 2.6 | 104 | 75-125 | |
| Barium | mg/L | 0.084J | 2.5 | 2.7 | 106 | 75-125 | |
| Cadmium | mg/L | <0.0013 | 2.5 | 2.6 | 104 | 75-125 | |
| Chromium | mg/L | 0.0046J | 2.5 | 2.7 | 106 | 75-125 | |
| Copper | mg/L | 0.027J | 2.5 | 2.7 | 106 | 75-125 | |
| Lead | mg/L | <0.0069 | 2.5 | 2.5 | 99 | 75-125 | |
| Nickel | mg/L | 0.013J | 2.5 | 2.6 | 102 | 75-125 | |
| Selenium | mg/L | <0.011 | 2.5 | 2.6 | 104 | 75-125 | |
| Silver | mg/L | <0.0023 | 1.2 | 1.5 | 121 | 75-125 | |
| Zinc | mg/L | 0.078J | 2.5 | 2.7 | 107 | 75-125 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| MATRIX SPIKE SAMPLE: | | 306451 | | | | | | |
|----------------------|-------|----------------------|----------------|--------------|-------------|-----------------|------------|--|
| Parameter | Units | 4031820004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers | |
| Arsenic | mg/L | 0.0089J | 2.5 | 2.6 | 105 | 75-125 | | |
| Barium | mg/L | 0.19J | 2.5 | 2.9 | 107 | 75-125 | | |
| Cadmium | mg/L | <0.0013 | 2.5 | 2.6 | 104 | 75-125 | | |
| Chromium | mg/L | 0.0048J | 2.5 | 2.7 | 106 | 75-125 | | |
| Copper | mg/L | 0.026J | 2.5 | 2.7 | 106 | 75-125 | | |
| Lead | mg/L | <0.0069 | 2.5 | 2.5 | 100 | 75-125 | | |
| Nickel | mg/L | 0.017J | 2.5 | 2.6 | 103 | 75-125 | | |
| Selenium | mg/L | 0.013J | 2.5 | 2.6 | 105 | 75-125 | | |
| Silver | mg/L | <0.0023 | 1.2 | 1.4 | 112 | 75-125 | | |
| Zinc | mg/L | 0.17J | 2.5 | 2.8 | 106 | 75-125 | | |

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: | | 306452 306453 | | | | | | | | | | |
|--|-------|----------------------|----------------------|-----------------------|--------------|---------------|-------------|--------------|-----------------|-----|------------|------|
| Parameter | Units | 4032111001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| Arsenic | mg/L | <0.0028 | 2.5 | 2.5 | 2.6 | 2.6 | 103 | 103 | 75-125 | .1 | 20 | |
| Barium | mg/L | 0.78J | 2.5 | 2.5 | 3.3 | 3.3 | 101 | 102 | 75-125 | .7 | 20 | |
| Cadmium | mg/L | 0.0026J | 2.5 | 2.5 | 2.5 | 2.5 | 102 | 102 | 75-125 | .1 | 20 | |
| Chromium | mg/L | 0.42 | 2.5 | 2.5 | 3.0 | 3.0 | 104 | 104 | 75-125 | .03 | 20 | |
| Copper | mg/L | 9.0 | 2.5 | 2.5 | 10.8 | 11.1 | 74 | 85 | 75-125 | 2 | 20 M0 | |
| Lead | mg/L | 2.5 | 2.5 | 2.5 | 4.7 | 4.8 | 90 | 94 | 75-125 | 2 | 20 | |
| Nickel | mg/L | 0.16J | 2.5 | 2.5 | 2.7 | 2.7 | 101 | 101 | 75-125 | .2 | 20 | |
| Selenium | mg/L | <0.011 | 2.5 | 2.5 | 2.6 | 2.6 | 102 | 102 | 75-125 | 0 | 20 | |
| Silver | mg/L | <0.0023 | 1.2 | 1.2 | 1.6 | 1.5 | 124 | 119 | 75-125 | 4 | 20 | |
| Zinc | mg/L | 53.6 | 2.5 | 2.5 | 51.4 | 52.9 | -90 | -28 | 75-125 | 3 | 20 P6 | |

| MATRIX SPIKE SAMPLE: | | 306454 | | | | | | |
|----------------------|-------|----------------------|----------------|--------------|-------------|-----------------|------------|--|
| Parameter | Units | 4032279001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers | |
| Arsenic | mg/L | ND | 2.5 | 2.6 | 104 | 75-125 | | |
| Barium | mg/L | ND | 2.5 | 2.7 | 107 | 75-125 | | |
| Cadmium | mg/L | ND | 2.5 | 2.6 | 103 | 75-125 | | |
| Chromium | mg/L | ND | 2.5 | 2.7 | 106 | 75-125 | | |
| Copper | mg/L | ND | 2.5 | 2.7 | 104 | 75-125 | | |
| Lead | mg/L | ND | 2.5 | 2.5 | 100 | 75-125 | | |
| Nickel | mg/L | ND | 2.5 | 2.6 | 102 | 75-125 | | |
| Selenium | mg/L | ND | 2.5 | 2.6 | 104 | 75-125 | | |
| Silver | mg/L | ND | 1.2 | 1.3 | 104 | 75-125 | | |
| Zinc | mg/L | ND | 2.5 | 2.9 | 106 | 75-125 | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

QC Batch: MPRP/4020 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 4032312024

METHOD BLANK: 305880 Matrix: Water

Associated Lab Samples: 4032312024

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Arsenic | ug/L | <0.55 | 20.0 | 05/31/10 16:49 | |
| Barium | ug/L | <0.27 | 5.0 | 05/31/10 16:49 | |
| Cadmium | ug/L | <0.26 | 5.0 | 05/31/10 16:49 | |
| Chromium | ug/L | <0.44 | 5.0 | 05/31/10 16:49 | |
| Lead | ug/L | <1.4 | 7.5 | 05/31/10 16:49 | |
| Selenium | ug/L | <2.1 | 20.0 | 05/31/10 16:49 | |
| Silver | ug/L | <0.46 | 10.0 | 05/31/10 16:49 | |

LABORATORY CONTROL SAMPLE: 305881

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Arsenic | ug/L | 500 | 504 | 101 | 80-120 | |
| Barium | ug/L | 500 | 514 | 103 | 80-120 | |
| Cadmium | ug/L | 500 | 496 | 99 | 80-120 | |
| Chromium | ug/L | 500 | 516 | 103 | 80-120 | |
| Lead | ug/L | 500 | 509 | 102 | 80-120 | |
| Selenium | ug/L | 500 | 507 | 101 | 80-120 | |
| Silver | ug/L | 250 | 236 | 94 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 305882 305883

| Parameter | Units | 4032276001 Result | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|-------------|-------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | | Spike Conc. | Spike Conc. | MS Result | MSD Result | | | | | | |
| Arsenic | ug/L | 4.0J | 500 | 500 | 512 | 520 | 102 | 103 | 75-125 | 2 | 20 | |
| Barium | ug/L | 37.2 | 500 | 500 | 546 | 550 | 102 | 103 | 75-125 | .7 | 20 | |
| Cadmium | ug/L | <0.26 | 500 | 500 | 501 | 510 | 100 | 102 | 75-125 | 2 | 20 | |
| Chromium | ug/L | 0.83J | 500 | 500 | 506 | 512 | 101 | 102 | 75-125 | 1 | 20 | |
| Lead | ug/L | 1.7J | 500 | 500 | 487 | 493 | 97 | 98 | 75-125 | 1 | 20 | |
| Selenium | ug/L | <2.1 | 500 | 500 | 504 | 513 | 101 | 102 | 75-125 | 2 | 20 | |
| Silver | ug/L | <0.46 | 250 | 250 | 240 | 243 | 96 | 97 | 75-125 | 2 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

QC Batch: MERP/2037 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 4032312022

METHOD BLANK: 306441 Matrix: Water
Associated Lab Samples: 4032312022

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | ug/L | <0.10 | 0.20 | 05/28/10 15:31 | |

LABORATORY CONTROL SAMPLE: 306442

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | ug/L | 5 | 5.2 | 103 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 306443 306444

| Parameter | Units | 4032111001 | | MSD | | MS | | MSD | | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|------------|----------------|-----------------|-----------|------------|-------|-------|--------|--------------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | % Rec | % Rec | | | | | |
| Mercury | ug/L | <0.10 | 5 | 5 | 5.0 | 5.2 | 99 | 102 | 85-115 | 3 | 20 | | |

MATRIX SPIKE SAMPLE: 306445

| Parameter | Units | 4031820003 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------------|-------------|-----------|----------|--------------|------------|
| Mercury | ug/L | 0.13J | 5 | 5.0 | 98 | 85-115 | |

MATRIX SPIKE SAMPLE: 306446

| Parameter | Units | 4031820004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------------|-------------|-----------|----------|--------------|------------|
| Mercury | ug/L | <0.10 | 5 | 5.0 | 99 | 85-115 | |

MATRIX SPIKE SAMPLE: 306447

| Parameter | Units | 4032279001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------------|-------------|-----------|----------|--------------|------------|
| Mercury | ug/L | ND | 5 | 4.9 | 97 | 85-115 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

QC Batch: MERP/2033 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 4032312024

METHOD BLANK: 305886 Matrix: Water
Associated Lab Samples: 4032312024

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | ug/L | <0.10 | 0.20 | 05/28/10 13:54 | |

LABORATORY CONTROL SAMPLE & LCSD: 305887 305888

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|-----------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Mercury | ug/L | 5 | 5.2 | 5.2 | 104 | 104 | 85-115 | .1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 305889 305890

| Parameter | Units | 4032228001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury | ug/L | <0.10 | 5 | 5 | 5.0 | 5.0 | 100 | 100 | 85-115 | .8 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

QC Batch: MERP/2035 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 4032312012, 4032312013, 4032312014, 4032312015, 4032312016, 4032312017, 4032312018, 4032312019, 4032312020, 4032312021, 4032312023, 4032312025

METHOD BLANK: 306204 Matrix: Solid
Associated Lab Samples: 4032312012, 4032312013, 4032312014, 4032312015, 4032312016, 4032312017, 4032312018, 4032312019, 4032312020, 4032312021, 4032312023, 4032312025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | mg/kg | <0.0018 | 0.010 | 05/28/10 10:34 | |

LABORATORY CONTROL SAMPLE: 306205

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | mg/kg | .25 | 0.24 | 97 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 306206 306207

| Parameter | Units | 4032386002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury | mg/kg | 0.0054J | .28 | .28 | 0.28 | 0.28 | 98 | 97 | 85-115 | .7 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| | | | |
|-------------------------|------------|-----------------------|---------------------------|
| QC Batch: | OEXT/7351 | Analysis Method: | EPA 8270 |
| QC Batch Method: | EPA 3546 | Analysis Description: | 8270 Solid MSSV Microwave |
| Associated Lab Samples: | 4032312025 | | |

METHOD BLANK: 304935 Matrix: Solid

Associated Lab Samples: 4032312025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4,5-Tetrachlorobenzene | ug/kg | <52.3 | 167 | 05/26/10 12:54 | |
| 2,4,5-Trichlorophenol | ug/kg | <11.0 | 167 | 05/26/10 12:54 | |
| 2,4,6-Trichlorophenol | ug/kg | <18.4 | 167 | 05/26/10 12:54 | |
| 2,4-Dichlorophenol | ug/kg | <14.2 | 167 | 05/26/10 12:54 | |
| 2,4-Dimethylphenol | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| 2,4-Dinitrophenol | ug/kg | <122 | 667 | 05/26/10 12:54 | |
| 2,4-Dinitrotoluene | ug/kg | <13.1 | 167 | 05/26/10 12:54 | |
| 2,6-Dinitrotoluene | ug/kg | <19.3 | 167 | 05/26/10 12:54 | |
| 2-Chloronaphthalene | ug/kg | <17.4 | 167 | 05/26/10 12:54 | |
| 2-Chlorophenol | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| 2-Methylnaphthalene | ug/kg | <18.4 | 167 | 05/26/10 12:54 | |
| 2-Methylphenol(o-Cresol) | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| 2-Nitroaniline | ug/kg | <12.1 | 167 | 05/26/10 12:54 | |
| 2-Nitrophenol | ug/kg | <19.9 | 167 | 05/26/10 12:54 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | <17.4 | 167 | 05/26/10 12:54 | |
| 3,3'-Dichlorobenzidine | ug/kg | <12.1 | 167 | 05/26/10 12:54 | |
| 3-Nitroaniline | ug/kg | <13.2 | 167 | 05/26/10 12:54 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| 4-Bromophenylphenyl ether | ug/kg | <17.7 | 167 | 05/26/10 12:54 | |
| 4-Chloro-3-methylphenol | ug/kg | <17.0 | 167 | 05/26/10 12:54 | |
| 4-Chloroaniline | ug/kg | <83.3 | 333 | 05/26/10 12:54 | |
| 4-Chlorophenylphenyl ether | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| 4-Nitroaniline | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| 4-Nitrophenol | ug/kg | <32.9 | 167 | 05/26/10 12:54 | |
| Acenaphthene | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| Acenaphthylene | ug/kg | <17.9 | 167 | 05/26/10 12:54 | |
| Anthracene | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| Benzo(a)anthracene | ug/kg | <18.8 | 167 | 05/26/10 12:54 | |
| Benzo(a)pyrene | ug/kg | <20.2 | 167 | 05/26/10 12:54 | |
| Benzo(b)fluoranthene | ug/kg | <19.7 | 167 | 05/26/10 12:54 | |
| Benzo(g,h,i)perylene | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| Benzo(k)fluoranthene | ug/kg | <26.3 | 167 | 05/26/10 12:54 | |
| Benzyl alcohol | ug/kg | <20.8 | 333 | 05/26/10 12:54 | |
| bis(2-Chloroethoxy)methane | ug/kg | <20.1 | 167 | 05/26/10 12:54 | |
| bis(2-Chloroethyl) ether | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| bis(2-Ethylhexyl)phthalate | ug/kg | <34.1 | 167 | 05/26/10 12:54 | |
| Butylbenzylphthalate | ug/kg | <37.5 | 167 | 05/26/10 12:54 | |
| Chrysene | ug/kg | <24.3 | 167 | 05/26/10 12:54 | |
| Di-n-butylphthalate | ug/kg | <27.9 | 167 | 05/26/10 12:54 | |
| Di-n-octylphthalate | ug/kg | <18.2 | 167 | 05/26/10 12:54 | |
| Dibenz(a,h)anthracene | ug/kg | <30.5 | 167 | 05/26/10 12:54 | |
| Dibenzofuran | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| Diethylphthalate | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 72 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

METHOD BLANK: 304935 Matrix: Solid

Associated Lab Samples: 4032312025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Dimethylphthalate | ug/kg | <17.5 | 167 | 05/26/10 12:54 | |
| Fluoranthene | ug/kg | <29.5 | 167 | 05/26/10 12:54 | |
| Fluorene | ug/kg | <8.4 | 167 | 05/26/10 12:54 | |
| Hexachloro-1,3-butadiene | ug/kg | <21.5 | 167 | 05/26/10 12:54 | |
| Hexachlorobenzene | ug/kg | <9.8 | 167 | 05/26/10 12:54 | |
| Hexachlorocyclopentadiene | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| Hexachloroethane | ug/kg | <21.1 | 167 | 05/26/10 12:54 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <22.4 | 167 | 05/26/10 12:54 | |
| Isophorone | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| N-Nitroso-di-n-propylamine | ug/kg | <19.8 | 167 | 05/26/10 12:54 | |
| N-Nitrosodiphenylamine | ug/kg | <22.9 | 167 | 05/26/10 12:54 | |
| Naphthalene | ug/kg | <19.5 | 167 | 05/26/10 12:54 | |
| Nitrobenzene | ug/kg | <19.1 | 167 | 05/26/10 12:54 | |
| Pentachlorophenol | ug/kg | <83.3 | 330 | 05/26/10 12:54 | |
| Phenanthrene | ug/kg | <83.3 | 167 | 05/26/10 12:54 | |
| Phenol | ug/kg | <19.8 | 167 | 05/26/10 12:54 | |
| Pyrene | ug/kg | <40.6 | 167 | 05/26/10 12:54 | |
| 2,4,6-Tribromophenol (S) | %- | 98 | 23-130 | 05/26/10 12:54 | |
| 2-Fluorobiphenyl (S) | %- | 89 | 46-130 | 05/26/10 12:54 | |
| 2-Fluorophenol (S) | %- | 72 | 28-130 | 05/26/10 12:54 | |
| Nitrobenzene-d5 (S) | %- | 78 | 37-130 | 05/26/10 12:54 | |
| Phenol-d6 (S) | %- | 73 | 30-130 | 05/26/10 12:54 | |
| Terphenyl-d14 (S) | %- | 68 | 27-135 | 05/26/10 12:54 | |

LABORATORY CONTROL SAMPLE: 304936

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------------|-------|-------------|------------|-----------|--------------|------------|
| 2,4,5-Trichlorophenol | ug/kg | 1670 | 1200 | 72 | 66-130 | |
| 2,4,6-Trichlorophenol | ug/kg | 1670 | 1210 | 73 | 66-130 | |
| 2,4-Dichlorophenol | ug/kg | 1670 | 1380 | 83 | 60-130 | |
| 2,4-Dimethylphenol | ug/kg | 1670 | 1030 | 62 | 43-130 | |
| 2,4-Dinitrophenol | ug/kg | 1670 | 1370 | 82 | 29-130 | |
| 2,4-Dinitrotoluene | ug/kg | 1670 | 1600 | 96 | 70-130 | |
| 2,6-Dinitrotoluene | ug/kg | 1670 | 1510 | 91 | 70-130 | |
| 2-Chloronaphthalene | ug/kg | 1670 | 1370 | 82 | 67-130 | |
| 2-Chlorophenol | ug/kg | 1670 | 1140 | 69 | 51-130 | |
| 2-Methylnaphthalene | ug/kg | 1670 | 1460 | 87 | 65-130 | |
| 2-Methylphenol(o-Cresol) | ug/kg | 1670 | 1170 | 70 | 57-130 | |
| 2-Nitroaniline | ug/kg | 1670 | 1080 | 65 | 68-130 | L0 |
| 2-Nitrophenol | ug/kg | 1670 | 1370 | 82 | 58-130 | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | 1670 | 1130 | 68 | 59-130 | |
| 3,3'-Dichlorobenzidine | ug/kg | 1670 | 1190 | 72 | 49-130 | |
| 3-Nitroaniline | ug/kg | 1670 | 1500 | 90 | 66-130 | |
| 4,6-Dinitro-2-methylphenol | ug/kg | 1670 | 1340 | 80 | 61-130 | |
| 4-Bromophenylphenyl ether | ug/kg | 1670 | 1340 | 80 | 70-130 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 73 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

LABORATORY CONTROL SAMPLE: 304936

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 4-Chloro-3-methylphenol | ug/kg | 1670 | 1240 | 75 | 68-130 | |
| 4-Chloroaniline | ug/kg | 1670 | 1260 | 76 | 24-130 | |
| 4-Chlorophenylphenyl ether | ug/kg | 1670 | 1420 | 85 | 68-130 | |
| 4-Nitroaniline | ug/kg | 1670 | 1640 | 98 | 65-133 | |
| 4-Nitrophenol | ug/kg | 1670 | 1330 | 80 | 43-134 | |
| Acenaphthene | ug/kg | 1670 | 1390 | 84 | 70-130 | |
| Acenaphthylene | ug/kg | 1670 | 1280 | 77 | 70-130 | |
| Anthracene | ug/kg | 1670 | 1450 | 87 | 70-130 | |
| Benzo(a)anthracene | ug/kg | 1670 | 1420 | 85 | 59-130 | |
| Benzo(a)pyrene | ug/kg | 1670 | 1320 | 79 | 48-130 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1450 | 87 | 56-130 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1370 | 82 | 56-130 | |
| Benzo(k)fluoranthene | ug/kg | 1670 | 1540 | 92 | 58-130 | |
| Benzyl alcohol | ug/kg | 1670 | 1210 | 72 | 56-130 | |
| bis(2-Chloroethoxy)methane | ug/kg | 1670 | 1230 | 74 | 64-130 | |
| bis(2-Chloroethyl) ether | ug/kg | 1670 | 842 | 50 | 53-130 | LO |
| bis(2-Ethylhexyl)phthalate | ug/kg | 1670 | 1650 | 99 | 54-132 | |
| Butylbenzylphthalate | ug/kg | 1670 | 1700 | 102 | 56-130 | |
| Chrysene | ug/kg | 1670 | 1370 | 82 | 59-130 | |
| Di-n-butylphthalate | ug/kg | 1670 | 1570 | 94 | 69-130 | |
| Di-n-octylphthalate | ug/kg | 1670 | 1420 | 85 | 44-134 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1260 | 75 | 45-130 | |
| Dibenzofuran | ug/kg | 1670 | 1520 | 91 | 70-130 | |
| Diethylphthalate | ug/kg | 1670 | 1660 | 99 | 70-130 | |
| Dimethylphthalate | ug/kg | 1670 | 1420 | 85 | 70-130 | |
| Fluoranthene | ug/kg | 1670 | 1370 | 82 | 66-130 | |
| Fluorene | ug/kg | 1670 | 1460 | 88 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/kg | 1670 | 1240 | 74 | 51-130 | |
| Hexachlorobenzene | ug/kg | 1670 | 1590 | 95 | 68-130 | |
| Hexachlorocyclopentadiene | ug/kg | 1670 | 1120 | 67 | 10-130 | |
| Hexachloroethane | ug/kg | 1670 | 1030 | 62 | 49-130 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 1280 | 77 | 39-130 | |
| Isophorone | ug/kg | 1670 | 1080 | 65 | 10-130 | |
| N-Nitroso-di-n-propylamine | ug/kg | 1670 | 1090 | 65 | 59-130 | |
| N-Nitrosodiphenylamine | ug/kg | 1670 | 1630 | 98 | 70-130 | |
| Naphthalene | ug/kg | 1670 | 1230 | 74 | 60-130 | |
| Nitrobenzene | ug/kg | 1670 | 1090 | 66 | 55-130 | |
| Pentachlorophenol | ug/kg | 1670 | 1150 | 69 | 51-130 | |
| Phenanthrene | ug/kg | 1670 | 1450 | 87 | 70-130 | |
| Phenol | ug/kg | 1670 | 1110 | 67 | 54-130 | |
| Pyrene | ug/kg | 1670 | 1680 | 101 | 52-133 | |
| 2,4,6-Tribromophenol (S) | %- | | | 97 | 23-130 | |
| 2-Fluorobiphenyl (S) | %- | | | 81 | 46-130 | |
| 2-Fluorophenol (S) | %- | | | 60 | 28-130 | |
| Nitrobenzene-d5 (S) | %- | | | 66 | 37-130 | |
| Phenol-d6 (S) | %- | | | 66 | 30-130 | |
| Terphenyl-d14 (S) | %- | | | 95 | 27-135 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: | | 304937 | | 304938 | | | | | | | | | |
|--|-------|------------|-------|-------------|-------------|--------|--------|-------|--------|--------|-----|-----|------|
| Parameter | Units | 4031995001 | | MS | MSD | MS | MSD | MS | MSD | % Rec | Max | RPD | Qual |
| | | Result | Conc. | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | | |
| 2,4,5-Trichlorophenol | ug/kg | <883 | 1770 | 1770 | 228J | 242J | 13 | 14 | 45-130 | | 21 | MO | |
| 2,4,6-Trichlorophenol | ug/kg | <883 | 1770 | 1770 | 309J | 457J | 18 | 26 | 45-130 | | 19 | MO | |
| 2,4-Dichlorophenol | ug/kg | <883 | 1770 | 1770 | 286J | 378J | 16 | 21 | 47-130 | | 22 | MO | |
| 2,4-Dimethylphenol | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 23 | 25 | 37-130 | | 24 | MO | |
| 2,4-Dinitrophenol | ug/kg | <3530 | 1770 | 1770 | <1300 | <1300 | 0 | 0 | 10-130 | | 40 | MO | |
| 2,4-Dinitrotoluene | ug/kg | <883 | 1770 | 1770 | 462J | 557J | 26 | 32 | 41-130 | | 25 | MO | |
| 2,6-Dinitrotoluene | ug/kg | <883 | 1770 | 1770 | 510J | 686J | 29 | 39 | 51-130 | | 23 | MO | |
| 2-Chloronaphthalene | ug/kg | <883 | 1770 | 1770 | 608J | 798J | 35 | 45 | 61-130 | | 30 | MO | |
| 2-Chlorophenol | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 14 | 22 | 46-130 | | 27 | MO | |
| 2-Methylnaphthalene | ug/kg | <883 | 1770 | 1770 | 749J | 922J | 42 | 52 | 55-130 | | 22 | MO | |
| 2-Methylphenol(o-Cresol) | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 14 | 21 | 42-130 | | 31 | MO | |
| 2-Nitroaniline | ug/kg | <883 | 1770 | 1770 | 321J | 333J | 18 | 19 | 43-130 | | 20 | MO | |
| 2-Nitrophenol | ug/kg | <883 | 1770 | 1770 | 399J | 649J | 23 | 37 | 45-130 | | 29 | MO | |
| 3&4-Methylphenol(m&p Cresol) | ug/kg | <883 | 1770 | 1770 | 295J | 332J | 17 | 19 | 30-130 | | 25 | MO | |
| 3,3'-Dichlorobenzidine | ug/kg | <883 | 1770 | 1770 | <128 | <128 | 0 | 6 | 10-150 | | 87 | MO | |
| 3-Nitroaniline | ug/kg | <883 | 1770 | 1770 | <140 | <140 | 0 | .7 | 17-130 | | 36 | MO | |
| 4,6-Dinitro-2-methylphenol | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 7 | 13 | 10-130 | | 42 | MO | |
| 4-Bromophenylphenyl ether | ug/kg | <883 | 1770 | 1770 | 647J | 832J | 37 | 47 | 50-130 | | 21 | MO | |
| 4-Chloro-3-methylphenol | ug/kg | <883 | 1770 | 1770 | 218J | 322J | 12 | 18 | 40-130 | | 24 | MO | |
| 4-Chloroaniline | ug/kg | <1760 | 1770 | 1770 | <881 | <881 | 0 | 0 | 10-130 | | 21 | MO | |
| 4-Chlorophenylphenyl ether | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 41 | 46 | 55-130 | | 21 | MO | |
| 4-Nitroaniline | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 0 | 0 | 10-145 | | 40 | MO | |
| 4-Nitrophenol | ug/kg | <883 | 1770 | 1770 | <348 | <348 | 0 | 0 | 10-130 | | 39 | MO | |
| Acenaphthene | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 38 | 45 | 59-130 | | 27 | MO | |
| Acenaphthylene | ug/kg | <883 | 1770 | 1770 | 478J | 659J | 27 | 37 | 54-130 | | 27 | MO | |
| Anthracene | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 38 | 42 | 45-130 | | 27 | MO | |
| Benzo(a)anthracene | ug/kg | <883 | 1770 | 1770 | 504J | 734J | 29 | 42 | 38-130 | | 41 | MO | |
| Benzo(a)pyrene | ug/kg | <883 | 1770 | 1770 | 524J | 621J | 30 | 35 | 24-130 | | 37 | | |
| Benzo(b)fluoranthene | ug/kg | <883 | 1770 | 1770 | 663J | 697J | 38 | 40 | 29-130 | | 32 | | |
| Benzo(g,h,i)perylene | ug/kg | <883 | 1770 | 1770 | 964J | 895J | 55 | 51 | 14-130 | | 32 | | |
| Benzo(k)fluoranthene | ug/kg | <883 | 1770 | 1770 | 549J | 735J | 31 | 42 | 29-130 | | 37 | | |
| Benzyl alcohol | ug/kg | <1760 | 1770 | 1770 | 407J | 451J | 23 | 26 | 40-130 | | 40 | MO | |
| bis(2-Chloroethoxy)methane | ug/kg | <883 | 1770 | 1770 | 569J | 668J | 32 | 38 | 55-130 | | 22 | MO | |
| bis(2-Chloroethyl) ether | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 22 | 31 | 49-130 | | 29 | MO | |
| bis(2-Ethylhexyl)phthalate | ug/kg | <883 | 1770 | 1770 | 1000J | 2030 | 57 | 115 | 21-166 | | 43 | | |
| Butylbenzylphthalate | ug/kg | <883 | 1770 | 1770 | 761J | 1040J | 43 | 59 | 32-149 | | 24 | | |
| Chrysene | ug/kg | <883 | 1770 | 1770 | 543J | 715J | 31 | 41 | 34-130 | | 45 | MO | |
| Di-n-butylphthalate | ug/kg | <883 | 1770 | 1770 | 663J | 766J | 38 | 43 | 48-130 | | 26 | MO | |
| Di-n-octylphthalate | ug/kg | <883 | 1770 | 1770 | 665J | 660J | 38 | 37 | 34-146 | | 27 | | |
| Dibenz(a,h)anthracene | ug/kg | <883 | 1770 | 1770 | 877J | 952J | 50 | 54 | 17-130 | | 41 | | |
| Dibenzofuran | ug/kg | <883 | 1770 | 1770 | <881 | 889J | 40 | 50 | 60-130 | | 20 | MO | |
| Diethylphthalate | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 40 | 48 | 52-130 | | 23 | MO | |
| Dimethylphthalate | ug/kg | <883 | 1770 | 1770 | 630J | 720J | 36 | 41 | 54-130 | | 20 | MO | |
| Fluoranthene | ug/kg | <883 | 1770 | 1770 | 454J | 453J | 26 | 26 | 36-130 | | 39 | MO | |
| Fluorene | ug/kg | <883 | 1770 | 1770 | 686J | 859J | 39 | 49 | 55-130 | | 22 | MO | |
| Hexachloro-1,3-butadiene | ug/kg | <883 | 1770 | 1770 | 664J | 797J | 38 | 45 | 50-130 | | 26 | MO | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 75 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| Parameter | Units | 4031995001 | | 304937 | | 304938 | | % Rec | % Rec | % Rec | Limits | RPD | RPD | Max | Qual |
|----------------------------|-------|------------|----------------|-----------------|-----------|------------|----------|-------|--------|-------|--------|-----|-----|-----|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | | | | | | | | |
| Hexachlorobenzene | ug/kg | <883 | 1770 | 1770 | 627J | 810J | 36 | 46 | 51-130 | | | | 21 | M0 | |
| Hexachlorocyclopentadiene | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 1 | 5 | 10-130 | | | | 36 | M0 | |
| Hexachloroethane | ug/kg | <883 | 1770 | 1770 | 367J | 605J | 21 | 34 | 42-130 | | | | 33 | M0 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <883 | 1770 | 1770 | 813J | 993J | 46 | 56 | 10-143 | | | | 59 | | |
| Isophorone | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 25 | 32 | 10-130 | | | | 21 | | |
| N-Nitroso-di-n-propylamine | ug/kg | <883 | 1770 | 1770 | 523J | 629J | 30 | 36 | 52-130 | | | | 24 | M0 | |
| N-Nitrosodiphenylamine | ug/kg | <883 | 1770 | 1770 | 641J | 795J | 36 | 45 | 42-138 | | | | 25 | M0 | |
| Naphthalene | ug/kg | <883 | 1770 | 1770 | 622J | 759J | 35 | 43 | 54-130 | | | | 24 | M0 | |
| Nitrobenzene | ug/kg | <883 | 1770 | 1770 | 475J | 630J | 27 | 36 | 48-130 | | | | 28 | M0 | |
| Pentachlorophenol | ug/kg | <1750 | 1770 | 1770 | <881 | <881 | 8 | 7 | 10-130 | | | | 32 | M0 | |
| Phenanthrene | ug/kg | <883 | 1770 | 1770 | <881 | <881 | 37 | 42 | 52-130 | | | | 24 | M0 | |
| Phenol | ug/kg | <883 | 1770 | 1770 | 231J | 258J | 13 | 15 | 41-130 | | | | 25 | M0 | |
| Pyrene | ug/kg | <883 | 1770 | 1770 | 1040J | 1310J | 59 | 74 | 34-136 | | | | 56 | | |
| 2,4,6-Tribromophenol (S) | %- | | | | | | 33 | 30 | 23-130 | | | | | | |
| 2-Fluorobiphenyl (S) | %- | | | | | | 35 | 45 | 46-130 | | | | | S0 | |
| 2-Fluorophenol (S) | %- | | | | | | 9 | 13 | 28-130 | | | | | S0 | |
| Nitrobenzene-d5 (S) | %- | | | | | | 28 | 33 | 37-130 | | | | | S0 | |
| Phenol-d6 (S) | %- | | | | | | 9 | 11 | 30-130 | | | | | S0 | |
| Terphenyl-d14 (S) | %- | | | | | | 58 | 70 | 27-135 | | | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

QC Batch: OEXT/7363

Analysis Method: EPA 8270

QC Batch Method: EPA 3510

Analysis Description: 8270 Water MSSV

Associated Lab Samples: 4032312024

METHOD BLANK: 305513

Matrix: Water

Associated Lab Samples: 4032312024

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4-Trichlorobenzene | ug/L | <0.87 | 5.0 | 05/28/10 12:11 | |
| 1,2-Dichlorobenzene | ug/L | <0.71 | 5.0 | 05/28/10 12:11 | |
| 1,3-Dichlorobenzene | ug/L | <0.83 | 5.0 | 05/28/10 12:11 | |
| 1,4-Dichlorobenzene | ug/L | <0.86 | 5.0 | 05/28/10 12:11 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | <0.82 | 5.0 | 05/28/10 12:11 | |
| 2,4,5-Trichlorophenol | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| 2,4,6-Trichlorophenol | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 2,4-Dichlorophenol | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 2,4-Dimethylphenol | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 2,4-Dinitrophenol | ug/L | <2.1 | 10.0 | 05/28/10 12:11 | |
| 2,4-Dinitrotoluene | ug/L | <0.80 | 5.0 | 05/28/10 12:11 | |
| 2,6-Dinitrotoluene | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 2-Chloronaphthalene | ug/L | <0.84 | 5.0 | 05/28/10 12:11 | |
| 2-Chlorophenol | ug/L | <0.70 | 5.0 | 05/28/10 12:11 | |
| 2-Methylnaphthalene | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| 2-Methylphenol(o-Cresol) | ug/L | <0.97 | 5.0 | 05/28/10 12:11 | |
| 2-Nitroaniline | ug/L | <0.84 | 5.0 | 05/28/10 12:11 | |
| 2-Nitrophenol | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | <0.77 | 5.0 | 05/28/10 12:11 | |
| 3,3'-Dichlorobenzidine | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 3-Nitroaniline | ug/L | <0.97 | 5.0 | 05/28/10 12:11 | |
| 4,6-Dinitro-2-methylphenol | ug/L | <0.75 | 5.0 | 05/28/10 12:11 | |
| 4-Bromophenylphenyl ether | ug/L | <1.3 | 5.0 | 05/28/10 12:11 | |
| 4-Chloro-3-methylphenol | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| 4-Chloroaniline | ug/L | <0.81 | 5.0 | 05/28/10 12:11 | |
| 4-Chlorophenylphenyl ether | ug/L | <1.2 | 5.0 | 05/28/10 12:11 | |
| 4-Nitroaniline | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| 4-Nitrophenol | ug/L | <0.87 | 10.0 | 05/28/10 12:11 | |
| Acenaphthene | ug/L | <0.95 | 5.0 | 05/28/10 12:11 | |
| Acenaphthylene | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| Anthracene | ug/L | <0.63 | 5.0 | 05/28/10 12:11 | |
| Benzo(a)anthracene | ug/L | <0.61 | 5.0 | 05/28/10 12:11 | |
| Benzo(a)pyrene | ug/L | <0.97 | 5.0 | 05/28/10 12:11 | |
| Benzo(b)fluoranthene | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| Benzo(g,h,i)perylene | ug/L | <0.77 | 5.0 | 05/28/10 12:11 | |
| Benzo(k)fluoranthene | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| bis(2-Chloroethoxy)methane | ug/L | <1.2 | 5.0 | 05/28/10 12:11 | |
| bis(2-Chloroethyl) ether | ug/L | <0.66 | 5.0 | 05/28/10 12:11 | |
| bis(2-Ethylhexyl)phthalate | ug/L | <2.6 | 5.0 | 05/28/10 12:11 | |
| Butylbenzylphthalate | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Carbazole | ug/L | <0.69 | 5.0 | 05/28/10 12:11 | |
| Chrysene | ug/L | <0.78 | 5.0 | 05/28/10 12:11 | |
| Di-n-butylphthalate | ug/L | <0.90 | 5.0 | 05/28/10 12:11 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 77 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

METHOD BLANK: 305513

Matrix: Water

Associated Lab Samples: 4032312024

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Di-n-octylphthalate | ug/L | <1.5 | 5.0 | 05/28/10 12:11 | |
| Dibenz(a,h)anthracene | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| Dibenzofuran | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Diethylphthalate | ug/L | <1.3 | 5.0 | 05/28/10 12:11 | |
| Dimethylphthalate | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| Fluoranthene | ug/L | <0.91 | 5.0 | 05/28/10 12:11 | |
| Fluorene | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Hexachloro-1,3-butadiene | ug/L | <0.66 | 10.0 | 05/28/10 12:11 | |
| Hexachlorobenzene | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Hexachlorocyclopentadiene | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| Hexachloroethane | ug/L | <0.58 | 5.0 | 05/28/10 12:11 | |
| Indeno(1,2,3-cd)pyrene | ug/L | <0.67 | 5.0 | 05/28/10 12:11 | |
| Isophorone | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| N-Nitroso-di-n-propylamine | ug/L | <1.1 | 5.0 | 05/28/10 12:11 | |
| N-Nitrosodiphenylamine | ug/L | <2.5 | 10.0 | 05/28/10 12:11 | |
| Naphthalene | ug/L | <0.70 | 5.0 | 05/28/10 12:11 | |
| Nitrobenzene | ug/L | <1.4 | 5.0 | 05/28/10 12:11 | |
| Pentachlorophenol | ug/L | <1.1 | 10.0 | 05/28/10 12:11 | |
| Phenanthrene | ug/L | <0.63 | 5.0 | 05/28/10 12:11 | |
| Phenol | ug/L | <1.0 | 5.0 | 05/28/10 12:11 | |
| Pyrene | ug/L | <1.6 | 5.0 | 05/28/10 12:11 | |
| 2,4,6-Tribromophenol (S) | %- | 83 | 42-130 | 05/28/10 12:11 | |
| 2-Fluorobiphenyl (S) | %- | 84 | 66-130 | 05/28/10 12:11 | |
| 2-Fluorophenol (S) | %- | 52 | 32-130 | 05/28/10 12:11 | |
| Nitrobenzene-d5 (S) | %- | 81 | 66-130 | 05/28/10 12:11 | |
| Phenol-d6 (S) | %- | 30 | 20-130 | 05/28/10 12:11 | |
| Terphenyl-d14 (S) | %- | 79 | 52-130 | 05/28/10 12:11 | |

LABORATORY CONTROL SAMPLE & LCSD: 305514

305515

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,2,4-Trichlorobenzene | ug/L | 50 | 40.2 | 46.1 | 80 | 92 | 63-130 | 13 | 20 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 33.4 | 39.6 | 67 | 79 | 55-130 | 17 | 24 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 32.5 | 37.4 | 65 | 75 | 51-130 | 14 | 26 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 31.8 | 38.4 | 64 | 77 | 52-130 | 19 | 20 | |
| 2,2'-Oxybis(1-chloropropane) | ug/L | 50 | 24.2 | 25.3 | 48 | 51 | 58-130 | 5 | 20 | L0 |
| 2,4,5-Trichlorophenol | ug/L | 50 | 43.5 | 46.5 | 87 | 93 | 70-130 | 7 | 20 | |
| 2,4,6-Trichlorophenol | ug/L | 50 | 44.8 | 46.3 | 90 | 93 | 70-130 | 3 | 20 | |
| 2,4-Dichlorophenol | ug/L | 50 | 47.2 | 50.6 | 94 | 101 | 68-130 | 7 | 20 | |
| 2,4-Dimethylphenol | ug/L | 50 | 20.7 | 19.0 | 41 | 38 | 34-130 | 9 | 25 | |
| 2,4-Dinitrophenol | ug/L | 50 | 36.0 | 47.6 | 72 | 95 | 43-130 | 28 | 30 | |
| 2,4-Dinitrotoluene | ug/L | 50 | 43.1 | 50.5 | 86 | 101 | 70-130 | 16 | 20 | |
| 2,6-Dinitrotoluene | ug/L | 50 | 45.1 | 49.8 | 90 | 100 | 70-130 | 10 | 20 | |
| 2-Chloronaphthalene | ug/L | 50 | 50.0 | 48.7 | 100 | 97 | 70-130 | 2 | 20 | |
| 2-Chlorophenol | ug/L | 50 | 40.3 | 41.2 | 81 | 82 | 59-130 | 2 | 22 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 78 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| LABORATORY CONTROL SAMPLE & LCSD: 305514 | | 305515 | | | | | | | | |
|--|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| 2-Methylnaphthalene | ug/L | 50 | 45.6 | 48.4 | 91 | 97 | 70-130 | 6 | 20 | |
| 2-Methylphenol(o-Cresol) | ug/L | 50 | 33.4 | 34.9 | 67 | 70 | 54-130 | 4 | 20 | |
| 2-Nitroaniline | ug/L | 50 | 35.4 | 38.3 | 71 | 77 | 67-130 | 8 | 20 | |
| 2-Nitrophenol | ug/L | 50 | 48.5 | 51.3 | 97 | 103 | 65-130 | 6 | 20 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 50 | 30.3 | 29.9 | 61 | 60 | 48-130 | 1 | 24 | |
| 3,3'-Dichlorobenzidine | ug/L | 50 | 37.1 | 37.0 | 74 | 74 | 39-130 | .4 | 25 | |
| 3-Nitroaniline | ug/L | 50 | 41.3 | 45.3 | 83 | 91 | 64-130 | 9 | 20 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 50 | 44.3 | 51.5 | 89 | 103 | 65-130 | 15 | 20 | |
| 4-Bromophenylphenyl ether | ug/L | 50 | 46.2 | 43.4 | 92 | 87 | 70-130 | 6 | 20 | |
| 4-Chloro-3-methylphenol | ug/L | 50 | 35.8 | 39.3 | 72 | 79 | 70-130 | 9 | 20 | |
| 4-Chloroaniline | ug/L | 50 | 39.6 | 40.6 | 79 | 81 | 34-130 | 2 | 20 | |
| 4-Chlorophenylphenyl ether | ug/L | 50 | 46.1 | 47.6 | 92 | 95 | 70-130 | 3 | 20 | |
| 4-Nitroaniline | ug/L | 50 | 37.8 | 41.3 | 76 | 83 | 53-140 | 9 | 22 | |
| 4-Nitrophenol | ug/L | 50 | 11.6 | 14.3 | 23 | 29 | 13-130 | 21 | 24 | |
| Acenaphthene | ug/L | 50 | 48.9 | 48.7 | 98 | 97 | 70-130 | .6 | 20 | |
| Acenaphthylene | ug/L | 50 | 44.5 | 42.8 | 89 | 86 | 70-130 | 4 | 20 | |
| Anthracene | ug/L | 50 | 46.8 | 46.7 | 94 | 93 | 70-130 | .2 | 20 | |
| Benzo(a)anthracene | ug/L | 50 | 44.4 | 47.3 | 89 | 95 | 62-130 | 6 | 20 | |
| Benzo(a)pyrene | ug/L | 50 | 38.3 | 41.0 | 77 | 82 | 53-130 | 7 | 20 | |
| Benzo(b)fluoranthene | ug/L | 50 | 44.4 | 41.9 | 89 | 84 | 57-130 | 6 | 21 | |
| Benzo(g,h,i)perylene | ug/L | 50 | 46.1 | 55.0 | 92 | 110 | 47-130 | 18 | 23 | |
| Benzo(k)fluoranthene | ug/L | 50 | 41.9 | 46.6 | 84 | 93 | 58-133 | 11 | 20 | |
| bis(2-Chloroethoxy)methane | ug/L | 50 | 43.7 | 44.3 | 87 | 89 | 70-130 | 1 | 20 | |
| bis(2-Chloroethyl) ether | ug/L | 50 | 32.9 | 36.0 | 66 | 72 | 59-130 | 9 | 23 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 50 | 50.7 | 53.0 | 101 | 106 | 66-130 | 4 | 20 | |
| Butylbenzylphthalate | ug/L | 50 | 50.2 | 52.6 | 100 | 105 | 64-130 | 5 | 20 | |
| Carbazole | ug/L | 50 | 44.8 | 47.2 | 90 | 94 | 70-130 | 5 | 20 | |
| Chrysene | ug/L | 50 | 43.7 | 44.0 | 87 | 88 | 60-130 | .5 | 20 | |
| Di-n-butylphthalate | ug/L | 50 | 48.9 | 51.3 | 98 | 103 | 70-130 | 5 | 20 | |
| Di-n-octylphthalate | ug/L | 50 | 48.5 | 54.4 | 97 | 109 | 57-130 | 11 | 20 | |
| Dibenz(a,h)anthracene | ug/L | 50 | 45.9 | 56.1 | 92 | 112 | 43-130 | 20 | 32 | |
| Dibenzofuran | ug/L | 50 | 52.2 | 51.2 | 104 | 102 | 70-130 | 2 | 20 | |
| Diethylphthalate | ug/L | 50 | 49.1 | 53.9 | 98 | 108 | 70-130 | 9 | 20 | |
| Dimethylphthalate | ug/L | 50 | 47.0 | 48.5 | 94 | 97 | 70-130 | 3 | 20 | |
| Fluoranthene | ug/L | 50 | 42.2 | 43.6 | 84 | 87 | 69-130 | 3 | 20 | |
| Fluorene | ug/L | 50 | 46.2 | 49.3 | 92 | 99 | 70-130 | 6 | 20 | |
| Hexachloro-1,3-butadiene | ug/L | 50 | 36.0 | 41.2 | 72 | 82 | 59-130 | 13 | 20 | |
| Hexachlorobenzene | ug/L | 50 | 50.8 | 50.3 | 102 | 101 | 68-130 | 1 | 20 | |
| Hexachlorocyclopentadiene | ug/L | 50 | 20.0 | 17.6 | 40 | 35 | 10-130 | 12 | 37 | |
| Hexachloroethane | ug/L | 50 | 25.7 | 31.2 | 51 | 62 | 50-130 | 19 | 21 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 50 | 45.2 | 56.1 | 90 | 112 | 13-147 | 21 | 77 | |
| Isophorone | ug/L | 50 | 37.0 | 38.9 | 74 | 78 | 10-149 | 5 | 20 | |
| N-Nitroso-di-n-propylamine | ug/L | 50 | 35.8 | 34.5 | 72 | 69 | 66-130 | 4 | 20 | |
| N-Nitrosodiphenylamine | ug/L | 50 | 53.1 | 41.5 | 106 | 83 | 54-132 | 25 | 42 | |
| Naphthalene | ug/L | 50 | 39.5 | 44.6 | 79 | 89 | 68-130 | 12 | 20 | |
| Nitrobenzene | ug/L | 50 | 40.7 | 44.0 | 81 | 88 | 63-130 | 8 | 20 | |
| Pentachlorophenol | ug/L | 50 | 35.5 | 43.2 | 71 | 86 | 54-130 | 19 | 20 | |
| Phenanthrene | ug/L | 50 | 47.5 | 48.6 | 95 | 97 | 70-130 | 2 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| LABORATORY CONTROL SAMPLE & LCSD: 305514 | | 305515 | | | | | | | | | |
|--|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|--|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers | |
| Phenol | ug/L | 50 | 17.8 | 19.6 | 36 | 39 | 23-130 | 10 | 24 | | |
| Pyrene | ug/L | 50 | 47.1 | 49.2 | 94 | 98 | 50-132 | 4 | 24 | | |
| 2,4,6-Tribromophenol (S) | %- | | | | 92 | 105 | 42-130 | | | | |
| 2-Fluorobiphenyl (S) | %- | | | | 97 | 92 | 66-130 | | | | |
| 2-Fluorophenol (S) | %- | | | | 48 | 52 | 32-130 | | | | |
| Nitrobenzene-d5 (S) | %- | | | | 79 | 84 | 66-130 | | | | |
| Phenol-d6 (S) | %- | | | | 33 | 35 | 20-130 | | | | |
| Terphenyl-d14 (S) | %- | | | | 86 | 91 | 52-130 | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

QC Batch: MSV/7937

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Associated Lab Samples: 4032312025

METHOD BLANK: 305839

Matrix: Solid

Associated Lab Samples: 4032312025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,1-Dichloropropene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,2,3-Trichlorobenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,2,3-Trichloropropane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,2,4-Trichlorobenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,2,4-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <82.3 | 250 | 05/27/10 10:41 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,2-Dichlorobenzene | ug/kg | <44.4 | 60.0 | 05/27/10 10:41 | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,3,5-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,3-Dichloropropane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 2,2-Dichloropropane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 2-Chlorotoluene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 4-Chlorotoluene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Benzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Bromobenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Bromochloromethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Bromodichloromethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Bromoform | ug/kg | <25.9 | 60.0 | 05/27/10 10:41 | |
| Bromomethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Carbon tetrachloride | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Chlorobenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Chloroethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Chloroform | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Chloromethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| cis-1,3-Dichloropropene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Dibromochloromethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Dibromomethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Dichlorodifluoromethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Diisopropyl ether | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Ethylbenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Hexachloro-1,3-butadiene | ug/kg | <26.4 | 60.0 | 05/27/10 10:41 | |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 81 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

METHOD BLANK: 305839

Matrix: Solid

Associated Lab Samples: 4032312025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| m&p-Xylene | ug/kg | <50.0 | 120 | 05/27/10 10:41 | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Methylene Chloride | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| n-Butylbenzene | ug/kg | <40.4 | 60.0 | 05/27/10 10:41 | |
| n-Propylbenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Naphthalene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| o-Xylene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| p-Isopropyltoluene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| sec-Butylbenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Styrene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| tert-Butylbenzene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Tetrachloroethene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Toluene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Trichloroethene | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Trichlorofluoromethane | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| Vinyl chloride | ug/kg | <25.0 | 60.0 | 05/27/10 10:41 | |
| 4-Bromofluorobenzene (S) | %- | 95 | 55-141 | 05/27/10 10:41 | |
| Dibromofluoromethane (S) | %- | 97 | 67-143 | 05/27/10 10:41 | |
| Toluene-d8 (S) | %- | 108 | 67-132 | 05/27/10 10:41 | |

LABORATORY CONTROL SAMPLE & LCSD: 305840

305841

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2540 | 2440 | 101 | 98 | 67-130 | 4 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 2870 | 2560 | 115 | 102 | 70-130 | 11 | 20 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2660 | 2520 | 106 | 101 | 70-130 | 5 | 20 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2540 | 2430 | 101 | 97 | 70-130 | 4 | 20 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2380 | 2290 | 95 | 92 | 70-130 | 4 | 20 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 2450 | 2450 | 98 | 98 | 70-130 | .2 | 20 | |
| 1,2-Dichloropropane | ug/kg | 2500 | 2670 | 2550 | 107 | 102 | 70-130 | 4 | 20 | |
| Benzene | ug/kg | 2500 | 2510 | 2430 | 100 | 97 | 70-130 | 3 | 20 | |
| Bromodichloromethane | ug/kg | 2500 | 2230 | 2130 | 89 | 85 | 70-130 | 4 | 20 | |
| Bromoform | ug/kg | 2500 | 1960 | 1900 | 79 | 76 | 68-130 | 3 | 20 | |
| Bromomethane | ug/kg | 2500 | 2070 | 2010 | 83 | 81 | 52-160 | 3 | 20 | |
| Carbon tetrachloride | ug/kg | 2500 | 2360 | 2270 | 94 | 91 | 70-130 | 4 | 20 | |
| Chlorobenzene | ug/kg | 2500 | 2710 | 2520 | 108 | 101 | 70-130 | 7 | 20 | |
| Chloroethane | ug/kg | 2500 | 2460 | 2420 | 98 | 97 | 38-172 | 2 | 20 | |
| Chloroform | ug/kg | 2500 | 2410 | 2330 | 96 | 93 | 70-130 | 3 | 20 | |
| Chloromethane | ug/kg | 2500 | 1890 | 1850 | 75 | 74 | 68-130 | 2 | 20 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2450 | 2370 | 98 | 95 | 70-130 | 3 | 20 | |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 2270 | 2180 | 91 | 87 | 70-130 | 4 | 20 | |
| Dibromochloromethane | ug/kg | 2500 | 2340 | 2190 | 94 | 88 | 70-130 | 7 | 20 | |
| Ethylbenzene | ug/kg | 2500 | 2900 | 2740 | 116 | 110 | 70-130 | 6 | 20 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 82 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| LABORATORY CONTROL SAMPLE & LCSD: 305840 | | 305841 | | | | | | | | |
|--|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| m&p-Xylene | ug/kg | 5000 | 6030 | 5640 | 121 | 113 | 70-130 | 7 | 20 | |
| Methylene Chloride | ug/kg | 2500 | 2360 | 2290 | 95 | 92 | 70-130 | 3 | 20 | |
| o-Xylene | ug/kg | 2500 | 2650 | 2500 | 106 | 100 | 70-130 | 6 | 20 | |
| Styrene | ug/kg | 2500 | 2560 | 2430 | 102 | 97 | 66-130 | 5 | 20 | |
| Tetrachloroethene | ug/kg | 2500 | 2750 | 2610 | 110 | 104 | 70-130 | 5 | 20 | |
| Toluene | ug/kg | 2500 | 2850 | 2700 | 114 | 108 | 70-130 | 6 | 20 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2400 | 2350 | 96 | 94 | 70-130 | 2 | 20 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 2160 | 2010 | 87 | 80 | 70-130 | 7 | 20 | |
| Trichloroethene | ug/kg | 2500 | 2650 | 2490 | 106 | 100 | 70-130 | 6 | 20 | |
| Vinyl chloride | ug/kg | 2500 | 1940 | 1850 | 77 | 74 | 70-130 | 5 | 20 | |
| 4-Bromofluorobenzene (S) | %- | | | | 102 | 94 | 55-141 | | | |
| Dibromofluoromethane (S) | %- | | | | 103 | 100 | 67-143 | | | |
| Toluene-d8 (S) | %- | | | | 114 | 106 | 67-132 | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

QC Batch: MSV/7919 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4032312024, 4032312026

METHOD BLANK: 304882 Matrix: Water

Associated Lab Samples: 4032312024, 4032312026

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.92 | 1.0 | 05/26/10 06:26 | |
| 1,1,1-Trichloroethane | ug/L | <0.90 | 1.0 | 05/26/10 06:26 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 1.0 | 05/26/10 06:26 | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 1.0 | 05/26/10 06:26 | |
| 1,1-Dichloroethane | ug/L | <0.75 | 1.0 | 05/26/10 06:26 | |
| 1,1-Dichloroethene | ug/L | <0.57 | 1.0 | 05/26/10 06:26 | |
| 1,1-Dichloropropene | ug/L | <0.75 | 1.0 | 05/26/10 06:26 | |
| 1,2,3-Trichlorobenzene | ug/L | <0.74 | 1.0 | 05/26/10 06:26 | |
| 1,2,3-Trichloropropane | ug/L | <0.99 | 1.0 | 05/26/10 06:26 | |
| 1,2,4-Trichlorobenzene | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| 1,2,4-Trimethylbenzene | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <1.7 | 5.0 | 05/26/10 06:26 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.56 | 1.0 | 05/26/10 06:26 | |
| 1,2-Dichlorobenzene | ug/L | <0.83 | 1.0 | 05/26/10 06:26 | |
| 1,2-Dichloroethane | ug/L | <0.36 | 1.0 | 05/26/10 06:26 | |
| 1,2-Dichloropropane | ug/L | <0.49 | 1.0 | 05/26/10 06:26 | |
| 1,3,5-Trimethylbenzene | ug/L | <0.83 | 1.0 | 05/26/10 06:26 | |
| 1,3-Dichlorobenzene | ug/L | <0.87 | 1.0 | 05/26/10 06:26 | |
| 1,3-Dichloropropane | ug/L | <0.61 | 1.0 | 05/26/10 06:26 | |
| 1,4-Dichlorobenzene | ug/L | <0.95 | 1.0 | 05/26/10 06:26 | |
| 2,2-Dichloropropane | ug/L | <0.62 | 1.0 | 05/26/10 06:26 | |
| 2-Chlorotoluene | ug/L | <0.85 | 1.0 | 05/26/10 06:26 | |
| 4-Chlorotoluene | ug/L | <0.74 | 1.0 | 05/26/10 06:26 | |
| Benzene | ug/L | <0.41 | 1.0 | 05/26/10 06:26 | |
| Bromobenzene | ug/L | <0.82 | 1.0 | 05/26/10 06:26 | |
| Bromochloromethane | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| Bromodichloromethane | ug/L | <0.56 | 1.0 | 05/26/10 06:26 | |
| Bromoform | ug/L | <0.94 | 1.0 | 05/26/10 06:26 | |
| Bromomethane | ug/L | <0.91 | 1.0 | 05/26/10 06:26 | |
| Carbon tetrachloride | ug/L | <0.49 | 1.0 | 05/26/10 06:26 | |
| Chlorobenzene | ug/L | <0.41 | 1.0 | 05/26/10 06:26 | |
| Chloroethane | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| Chloroform | ug/L | <1.3 | 5.0 | 05/26/10 06:26 | |
| Chloromethane | ug/L | <0.24 | 1.0 | 05/26/10 06:26 | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 1.0 | 05/26/10 06:26 | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 1.0 | 05/26/10 06:26 | |
| Dibromochloromethane | ug/L | <0.81 | 1.0 | 05/26/10 06:26 | |
| Dibromomethane | ug/L | <0.60 | 1.0 | 05/26/10 06:26 | |
| Dichlorodifluoromethane | ug/L | <0.99 | 1.0 | 05/26/10 06:26 | |
| Diisopropyl ether | ug/L | <0.76 | 1.0 | 05/26/10 06:26 | |
| Ethylbenzene | ug/L | <0.54 | 1.0 | 05/26/10 06:26 | |
| Hexachloro-1,3-butadiene | ug/L | <0.67 | 5.0 | 05/26/10 06:26 | |
| Isopropylbenzene (Cumene) | ug/L | <0.59 | 1.0 | 05/26/10 06:26 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 84 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

METHOD BLANK: 304882 Matrix: Water

Associated Lab Samples: 4032312024, 4032312026

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| m&p-Xylene | ug/L | <1.8 | 2.0 | 05/26/10 06:26 | |
| Methyl-tert-butyl ether | ug/L | <0.61 | 1.0 | 05/26/10 06:26 | |
| Methylene Chloride | ug/L | <0.43 | 1.0 | 05/26/10 06:26 | |
| n-Butylbenzene | ug/L | <0.93 | 1.0 | 05/26/10 06:26 | |
| n-Propylbenzene | ug/L | <0.81 | 1.0 | 05/26/10 06:26 | |
| Naphthalene | ug/L | <0.89 | 5.0 | 05/26/10 06:26 | |
| o-Xylene | ug/L | <0.83 | 1.0 | 05/26/10 06:26 | |
| p-Isopropyltoluene | ug/L | <0.67 | 1.0 | 05/26/10 06:26 | |
| sec-Butylbenzene | ug/L | <0.89 | 5.0 | 05/26/10 06:26 | |
| Styrene | ug/L | <0.86 | 1.0 | 05/26/10 06:26 | |
| tert-Butylbenzene | ug/L | <0.97 | 1.0 | 05/26/10 06:26 | |
| Tetrachloroethene | ug/L | <0.45 | 1.0 | 05/26/10 06:26 | |
| Toluene | ug/L | <0.67 | 1.0 | 05/26/10 06:26 | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 1.0 | 05/26/10 06:26 | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 1.0 | 05/26/10 06:26 | |
| Trichloroethene | ug/L | <0.48 | 1.0 | 05/26/10 06:26 | |
| Trichlorofluoromethane | ug/L | <0.79 | 1.0 | 05/26/10 06:26 | |
| Vinyl chloride | ug/L | <0.18 | 1.0 | 05/26/10 06:26 | |
| 4-Bromofluorobenzene (S) | %- | 87 | 69-130 | 05/26/10 06:26 | |
| Dibromofluoromethane (S) | %- | 94 | 70-134 | 05/26/10 06:26 | |
| Toluene-d8 (S) | %- | 99 | 70-130 | 05/26/10 06:26 | |

LABORATORY CONTROL SAMPLE & LCSD: 304883 304884

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,1,1-Trichloroethane | ug/L | 50 | 48.3 | 49.7 | 97 | 99 | 70-132 | 3 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 48.7 | 51.7 | 97 | 103 | 63-130 | 6 | 20 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 53.1 | 54.7 | 106 | 109 | 70-130 | 3 | 20 | |
| 1,1-Dichloroethane | ug/L | 50 | 51.8 | 53.0 | 104 | 106 | 70-132 | 2 | 20 | |
| 1,1-Dichloroethene | ug/L | 50 | 59.1 | 60.6 | 118 | 121 | 70-137 | 3 | 20 | |
| 1,2-Dichloroethane | ug/L | 50 | 51.5 | 53.3 | 103 | 107 | 70-130 | 4 | 20 | |
| 1,2-Dichloropropane | ug/L | 50 | 52.8 | 53.6 | 106 | 107 | 70-130 | 2 | 20 | |
| Benzene | ug/L | 50 | 53.6 | 54.1 | 107 | 108 | 70-130 | 1 | 20 | |
| Bromodichloromethane | ug/L | 50 | 51.6 | 53.1 | 103 | 106 | 70-131 | 3 | 20 | |
| Bromoform | ug/L | 50 | 45.8 | 48.8 | 92 | 98 | 70-130 | 6 | 20 | |
| Bromomethane | ug/L | 50 | 53.1 | 56.7 | 106 | 113 | 53-160 | 7 | 20 | |
| Carbon tetrachloride | ug/L | 50 | 46.2 | 48.1 | 92 | 96 | 70-130 | 4 | 20 | |
| Chlorobenzene | ug/L | 50 | 52.0 | 52.5 | 104 | 105 | 70-130 | .9 | 20 | |
| Chloroethane | ug/L | 50 | 61.4 | 61.7 | 123 | 123 | 70-147 | .5 | 20 | |
| Chloroform | ug/L | 50 | 50.6 | 51.5 | 101 | 103 | 70-130 | 2 | 20 | |
| Chloromethane | ug/L | 50 | 55.1 | 53.7 | 110 | 107 | 41-137 | 3 | 20 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 50.6 | 50.7 | 101 | 101 | 70-130 | .08 | 20 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 46.7 | 48.6 | 93 | 97 | 70-130 | 4 | 20 | |
| Dibromochloromethane | ug/L | 50 | 48.7 | 50.8 | 97 | 102 | 70-130 | 4 | 20 | |
| Ethylbenzene | ug/L | 50 | 53.2 | 53.5 | 106 | 107 | 70-130 | .6 | 20 | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK

Pace Project No.: 4032312

| LABORATORY CONTROL SAMPLE & LCSD: 304883 | | 304884 | | | | | | | | |
|--|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| m&p-Xylene | ug/L | 100 | 108 | 107 | 108 | 107 | 70-130 | .9 | 20 | |
| Methylene Chloride | ug/L | 50 | 56.9 | 57.9 | 114 | 116 | 70-130 | 2 | 20 | |
| o-Xylene | ug/L | 50 | 52.8 | 52.8 | 106 | 106 | 70-130 | .04 | 20 | |
| Styrene | ug/L | 50 | 52.9 | 53.4 | 106 | 107 | 70-130 | 1 | 20 | |
| Tetrachloroethene | ug/L | 50 | 51.1 | 51.5 | 102 | 103 | 70-130 | .8 | 20 | |
| Toluene | ug/L | 50 | 52.7 | 52.7 | 105 | 105 | 70-130 | .03 | 20 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 53.7 | 55.1 | 107 | 110 | 70-130 | 3 | 20 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 44.9 | 46.5 | 90 | 93 | 70-130 | 3 | 20 | |
| Trichloroethene | ug/L | 50 | 53.2 | 52.6 | 106 | 105 | 70-130 | 1 | 20 | |
| Vinyl chloride | ug/L | 50 | 55.3 | 55.8 | 111 | 112 | 47-131 | .8 | 20 | |
| 4-Bromofluorobenzene (S) | %- | | | | 92 | 91 | 69-130 | | | |
| Dibromofluoromethane (S) | %- | | | | 98 | 98 | 70-134 | | | |
| Toluene-d8 (S) | %- | | | | 98 | 98 | 70-130 | | | |

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 305067 | | 305068 | | | | | | | | | | |
|---|-------|------------|-------|----------------|-----------------|-----------|------------|----------|-----------|--------------|---------|------|
| Parameter | Units | 4032300001 | | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |
| | | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | RPD | RPD | | |
| 1,1,1-Trichloroethane | ug/L | <0.90 | 50 | 50 | 47.8 | 49.3 | 96 | 99 | 70-132 | 3 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.20 | 50 | 50 | 49.4 | 50.0 | 99 | 100 | 61-130 | 1 | 20 | |
| 1,1,2-Trichloroethane | ug/L | <0.42 | 50 | 50 | 54.5 | 53.3 | 109 | 107 | 70-130 | 2 | 20 | |
| 1,1-Dichloroethane | ug/L | <0.75 | 50 | 50 | 51.6 | 51.4 | 103 | 103 | 70-132 | .4 | 20 | |
| 1,1-Dichloroethene | ug/L | <0.57 | 50 | 50 | 59.5 | 59.6 | 119 | 119 | 70-137 | .1 | 20 | |
| 1,2-Dichloroethane | ug/L | <0.36 | 50 | 50 | 52.2 | 53.0 | 104 | 106 | 70-133 | 1 | 20 | |
| 1,2-Dichloropropane | ug/L | <0.49 | 50 | 50 | 53.1 | 52.7 | 106 | 105 | 70-130 | .9 | 20 | |
| Benzene | ug/L | <0.41 | 50 | 50 | 53.0 | 53.0 | 106 | 106 | 70-130 | .04 | 20 | |
| Bromodichloromethane | ug/L | <0.56 | 50 | 50 | 52.6 | 53.4 | 105 | 107 | 70-131 | 2 | 20 | |
| Bromoform | ug/L | <0.94 | 50 | 50 | 45.9 | 46.8 | 92 | 94 | 68-130 | 2 | 20 | |
| Bromomethane | ug/L | <0.91 | 50 | 50 | 52.8 | 54.7 | 106 | 109 | 47-177 | 4 | 20 | |
| Carbon tetrachloride | ug/L | <0.49 | 50 | 50 | 46.4 | 47.7 | 93 | 95 | 70-149 | 3 | 20 | |
| Chlorobenzene | ug/L | <0.41 | 50 | 50 | 52.5 | 51.5 | 105 | 103 | 70-130 | 2 | 20 | |
| Chloroethane | ug/L | <0.97 | 50 | 50 | 60.3 | 59.8 | 121 | 120 | 66-147 | .8 | 20 | |
| Chloroform | ug/L | <1.3 | 50 | 50 | 51.0 | 51.1 | 102 | 102 | 70-130 | .2 | 20 | |
| Chloromethane | ug/L | <0.24 | 50 | 50 | 50.3 | 49.4 | 101 | 99 | 41-137 | 2 | 20 | |
| cis-1,2-Dichloroethene | ug/L | <0.83 | 50 | 50 | 49.7 | 49.9 | 99 | 100 | 70-130 | .3 | 20 | |
| cis-1,3-Dichloropropene | ug/L | <0.20 | 50 | 50 | 47.5 | 47.6 | 95 | 95 | 70-130 | .2 | 20 | |
| Dibromochloromethane | ug/L | <0.81 | 50 | 50 | 49.5 | 49.4 | 99 | 99 | 70-130 | .2 | 20 | |
| Ethylbenzene | ug/L | <0.54 | 50 | 50 | 54.2 | 52.9 | 108 | 106 | 70-130 | 2 | 20 | |
| m&p-Xylene | ug/L | <1.8 | 100 | 100 | 108 | 106 | 108 | 106 | 70-130 | 2 | 20 | |
| Methylene Chloride | ug/L | <0.43 | 50 | 50 | 56.7 | 57.1 | 113 | 114 | 70-130 | .7 | 20 | |
| o-Xylene | ug/L | <0.83 | 50 | 50 | 53.3 | 51.7 | 107 | 103 | 70-130 | 3 | 20 | |
| Styrene | ug/L | <0.86 | 50 | 50 | 53.0 | 52.3 | 106 | 105 | 13-149 | 1 | 20 | |
| Tetrachloroethene | ug/L | <0.45 | 50 | 50 | 51.9 | 50.3 | 104 | 101 | 70-130 | 3 | 20 | |
| Toluene | ug/L | <0.67 | 50 | 50 | 53.0 | 51.9 | 106 | 104 | 70-130 | 2 | 20 | |
| trans-1,2-Dichloroethene | ug/L | <0.89 | 50 | 50 | 55.2 | 53.4 | 110 | 107 | 70-130 | 3 | 20 | |
| trans-1,3-Dichloropropene | ug/L | <0.19 | 50 | 50 | 45.3 | 45.0 | 91 | 90 | 70-130 | .7 | 20 | |
| Trichloroethene | ug/L | <0.48 | 50 | 50 | 52.7 | 52.5 | 105 | 105 | 70-130 | .4 | 20 | |

Date: 06/22/2010 04:18 PM

REPORT OF LABORATORY ANALYSIS

Page 86 of 90

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



QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

| Parameter | Units | 4032300001 | | 305067 | | 305068 | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|--------------------------|-------|------------|----------------|-----------------|-----------|------------|-----|-------|--------|-------|--------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | | | | | | | | |
| Vinyl chloride | ug/L | <0.18 | 50 | 50 | 52.3 | 51.8 | 105 | 104 | 46-131 | .8 | 20 | | | |
| 4-Bromofluorobenzene (S) | %- | | | | | | 91 | 92 | 69-130 | | | | | |
| Dibromofluoromethane (S) | %- | | | | | | 98 | 99 | 70-134 | | | | | |
| Toluene-d8 (S) | %- | | | | | | 99 | 98 | 70-130 | | | | | |

QUALITY CONTROL DATA

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

QC Batch: PMST/4015 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4032312021, 4032312022, 4032312023

SAMPLE DUPLICATE: 304903

| Parameter | Units | 4032312021 Result | Dup Result | RPD | Max RPD | Qualifiers |
|------------------|-------|----------------------|---------------|-----|------------|------------|
| Percent Moisture | % | 11.2 | 11.9 | 6 | 10 | |

QUALIFIERS

Project: 06139.01.002 CONNELL OAK CREEK
Pace Project No.: 4032312

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

BATCH QUALIFIERS

Batch: GCSV/4317

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSSV/2648

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

- 1q The aroclor was manually assigned outside of the retention time window due to matrix interferences.
- 2q The surrogate was manually assigned outside of the retention time window due to matrix interferences.
- B Analyte was detected in the associated method blank.
- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- H2 Extraction or preparation was conducted outside of the recognized method holding time.
- L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
- M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
- P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
- S0 Surrogate recovery outside laboratory control limits.
- S4 Surrogate recovery not evaluated against control limits due to sample dilution.
- W Non-detect results are reported on a wet weight basis.
- Z3 Methylene chloride is a common laboratory contaminant. Results for this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the method blank.

Appendix B Boring Logs

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|--------------------------|---|---|---|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-1 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-1 | Initial Water Level 0.88' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section T N,R | | Easting 2575426.2 Northing 327173.9 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | 5' | | 0 | 0-3" gravel red brown lean clay, plastic, tr. gravel, no odor moist | | 0.2 | | | |
| | | | 2 | 3" sandy gravel (Farmer parking lot wet lots of water grade 2.7) | | 0.5 | | | |
| | | | 4 | As Above from 3"-2.5 ft | | | | | |
| | 5' | | 6 | As Above, no gravel, more silt wet | | 0.2 | | | |
| | | | 8 | | | 0.1 | | | |
| | 4' | | 10 | As Above, v. stiff | | 0.3 | | | |
| | | | 12 | | | | | | |
| | | | 15 | EOB @ 15ft | | | | | |

Logged By:

Matthew L. Keller

Checked By:

Tom Munn

F-204A (R 12-94)

Well set ~ 5-15
Sample 2.5-9 @ 10/15

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|---|--------------------------|---|------------------------|-------------------------------|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-2 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 OT | Common Well Name MW-2 | Initial Water Level 4.12' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section T N,R | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| Easting 2575434.8 Northing 327737.5 | | Civil Town/City or Village Oak Creek | | |
| County Milwaukee | State WI | DNR County Code | | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | | 0 ~ 8" - 1' Sand + gravel below asphalt | | OS | | | |
| | 3.5 | | | Clay/silt, w/ sand clumps & brick fill, dk grey/brown w/ yellowish zones, no odor, moist med stiff, low plasticity | | 0.7 | | | |
| | | | 4 | | | | | | |
| | 3.5 | | | Black clay w/ tr. gravel, plastic | | 0.3 | | | |
| | | | 6 | grades to grey clay, no odor moist, stiff | | | | | |
| | | | 9 | grey clay w/ tr. sand + gravel, no odor moist, med stiff to soft | | 0.5 | | | |
| | | | 10 | Some wet yellow brown gravel @ 9 ft | | | | | |
| | 3' | | | As above from NK @ 8 ft + 2 ft Color to red brown | | 0.3 | | | |
| | | | 11 | @ 12 4" fine silty sand, non plastic yellowish green odor, wet | | | | | |

Logged By: *Anthony R Miller*

Checked By: *Red [Signature]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|---|--------------------------|---|---|---|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-2 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 OT | Common Well Name Mw-2 | Initial Water Level 4.12' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section T N,R | | Easting 2575434.8 Northing 327737.5 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RCD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 12 | | | | | | |
| | 4' | | 14 | lean grey clay w/ silt & f. sand, plastic, greyish brown, no odor wet | | 0.1 | | | |
| | | | 15 | EO @ 15 ft | | | | | |

Logged By: *Anthony R. Kelly* Checked By: *Bob [unclear]*

F-204A (R 12-94)

Well 5-15
Sample 2.5-5 @ 935 7.5-10 940

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|--|--------------------------|---|------------------------|---|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-3 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-3 | Initial Water Level Dry | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2575647.4 Northing 327748.5 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | 3.5 | | 0 | Sand w/ gravel fill, non plastic brown to grey, no odor, dry | | | | | |
| | | | 2 | black/dk grey clay/silt asphalt odor, moist med stiff, (fill) | | 1.8 | | | |
| | | | 4 | Lean clay/silt, plastic, red brown, no odor, moist, stiff to v. stiff | | 1.6 | | | |
| | 4.0 | | 6 | As Above, fv. gravel | | | | | |
| | | | 7.5 | 2" wet silt @ 7.5 | | 1.3 | | | |
| | | | 10 | As Above no gravel | | 1.4 | | | |
| | 4.5 | | 14 | color grades to dk brownish grey | | 1.2 | | | |

Logged By: *Michael R. Kehr* Checked By: *[Signature]*

F-204A (R 12-94)

Well set 5-20 5-7.5 905
Sample 900 @ 1-3

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|---|--------------------------|---|---|---|
| Project Name Cannell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-3 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-3 | Initial Water Level Dry | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 257584.4 | Northing 327748.5 | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD | Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|-----|----------|
| | | | 12 | As Above | | 1.2 | | | | |
| | | | 14 | | | | | | | |
| | 3.5 ft | | 16 | AS Above | | 0.5 | | | | |
| | | | 18 | | | | | | | |
| | | | 20 | 2 EOB @ 20ft | | 0.9 | | | | |

Logged By: *Michael R. Kelly*

Checked By: *Bob [unclear]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|--|---|-------------------------------|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-4 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 OT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2575969.8 Northing 327523.7 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | 4' | | 4-6" | 4-6" concrete clay/silt some fast settling, low plasticity no odor, moist, stiff | | 1.6 | | | |
| | | | 2 | | | 0.7 | | | |
| | | | 4 | | | | | | |
| | 3.5' | | 6 | lean clay w/ tr - no gravel, plastic, no odor dk brownish grey, no odor moist, stiff-med stiff | | 2.0 | | | |
| | | | 8 | | | 1.8 | | | |
| | 4.1' | | 10 | as above, med stiff | | 5.2 | | | |
| | | | 12 | | | | | | |
| | | | 15 | EOB @ 15 ft | | 1.6 | | | |

Logged By: *Mathew R Keller*

Checked By: *[Signature]*

Sample

10-12.5 @ 1355
2.5-5 @ 1400

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|--------------------------|---|---|---|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/3/10 | End Date 6/3/10 | Boring Number B-5 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730DT | Common Well Name MW-5 | Initial Water Level 6.87 | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of Easting 2575824.2 1/4 of Section T | | Northing 327513.1 N,R | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County McWan Lake | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 4-6" Concrete, | | | | | |
| | 4' | | 2 | 6" sand, red brown, no odor, moist | | 0.7 | | | |
| | | | 2 | lean clay, plastic, fr. gravel, red brown, no odor, moist, soft, wet zone @ 3' | | | | | |
| | | | 4 | | | | | | |
| | 3' | | 6 | Brownish grey lean clay, low plasticity, no odor, moist v. hard | | 0.3 | | | |
| | | | 8 | | | | | | |
| | | | 10 | As Above visible tar/oil in fractures until about 13ft bss shift to v. stiff | | 22.3 | | | |
| | | | 12 | | | | | | |
| | | | 15 | EOB @ 15ft | | 4d | | | |

Logged By: *Michael & Alan*

Checked By: *Red [Signature]*

F-204A (R 12-94)

well sat - 5-15 Sample 7.5-10 @ 1340
12.5-15 1345

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|---|------------------------|--|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/1/10 | Boring Number B-6 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter ~2 Inches |
| Boring Location State Plane Easting 2576269.9 Northing 327553.2 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City/ or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 4-6" concrete 6" gravel w/ sand | | 0.5 | | | |
| | 4.5' | | 2 | Lean grey/green clay/silt, some rust yellow brown mottling, no odor, moist | | 0.7 | | | |
| | | | 4 | At 4.25 black ground up as phalt/ greside | | 0.9 | | | |
| | | | 6 | Black clay, med. stiff, plastic, no odor moist, some organic (roots) | | 0.7 | | | |
| | 4' | | 8 | As Above from 2 - 4.25 grades into | | 0.7 | | | |
| | | | 10 | ↓ lean silty clay, plastic, red brown no odor, moist, stiff to d. stiff | | 0.5 | | | |
| | 4.25' | | 12 | | | 0.5 | | | |
| | | | 15 | ↓ FOB @ 15ft | | | | | |

Logged By: Anthony R. Gell

Checked By: [Signature]

Sample 2.5 - 7.5 NK 1510
~~7.5 - 10~~ NK 1575
 7.5 - 10

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|-----------------------|---|------------------------|--------------------------------------|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 4/2/10 | End Date 6/2/10 | Boring Number B-7 |
| Boring Drilled By OnSite Environmental (Tommy) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name - | Initial Water Level - | Surface Elevation - | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 2576401.7 T | | Northing 327730.8 N.R. |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City/Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 4" wood chips | | 1.4 | | | |
| | | | 2 | lean clay / silt w/ roots, some fast fractures, w odor, brown moist | | 1.2 | | | |
| | | | 4 | As Above but siltier @ 3-5, some greyish fractures/root traces | | | | | |
| | | | 6 | As Above lean clay, plastic, brown w. gravel, moist, w odor stiff | | 1.2 | | | |
| | | | 8 | | | 0.7 | | | |
| | | | 10 | As Above | | 0.9 | | | |
| | | | 12 | grades to brownish grey | | | | | |
| | | | 15 | REOB @ 15ft | | 1.2 | | | |

| | |
|---------------------------------|----------------------------|
| Logged By: Mathaniel R Kelle | Checked By: [Signature] |
|---------------------------------|----------------------------|

Sample 215.5 @ 1400
-140-NK

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|--|--------------------------|--|--|-------------------------------|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-3 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-8 | Initial Water Level 4.65' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576527.9 Northing 327556.9 | | Local Grid Location (If applicable) | | |
| 1/4 of T | 1/4 of Section N,R | Feet <input type="checkbox"/> N <input type="checkbox"/> S | Feet <input type="checkbox"/> E <input type="checkbox"/> W | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0-3" | wood chips clay sand gravel fill, rust colored & black, tar/oil odor | | 0.9 | | | |
| | 4.25 | | 2 | Becomes blacker, more tar, not sticky some coal fragments, strong odor | | 1.7 | | | |
| | | | 4 | lean clay w/ tr. gravel, tar/oil in fractures, plastic, strong odor, moist dk grey/black | | | | | |
| | | | 6 | As Above, siltier @ 5-6 | | 2.6 | | | |
| | 3.75 | | 8 | same as 4-5, color took grey/brown | | 3.55 | | | |
| | | | 10 | @ 9ft 4" sand w/ significant tar/oil | | 1.33 | | | |
| | 4.5' | | 12 | lean clay, plastic, tr. gravel, strong odor, brown, tar/oil in fractures | | 1.54 | | | |
| | | | 15 | less tar/oil | | | | | |

| | |
|----------------------------------|-----------------------------------|
| Logged By: <i>[Signature]</i> | Checked By: <i>[Signature]</i> |
|----------------------------------|-----------------------------------|

Sample @ 7.5-10 1315
15-18 1320

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|---|--------------------------|---|------------------------|---|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-9 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DJ | Common Well Name MW-8 | Initial Water Level 4.85' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 2576527.9 327 T | | Northing 327556.9 N,R |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD/ | Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|------|----------|
| | 5' | | 15 | Lean Clay w/ tr. gravel, plastic dk brownish grey, no odor wet | | 1.9 | | | | |
| | | | 17 | no visible tar in fractures betw 16ft | | | | | | |
| | | | 19 | | | | | | | |
| | | | 20 | EOB @ 20ft bgs | | | | | | |
| | | | | Set well 5-15 | | | | | | |

| | |
|---------------------------------------|-----------------------------------|
| Logged By: <i>Michael R. Kelly</i> | Checked By: <i>[Signature]</i> |
|---------------------------------------|-----------------------------------|

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|--------------------------|---|---|---|
| Project Name Counsell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-9 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-9 | Initial Water Level 4.38 | Surface Elevation - | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 2576771.6 T | Northing 327601.8 N,R | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> Feet <input type="checkbox"/> S <input type="checkbox"/> Feet <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RGD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | | 1 Silty/clay brown w/ roots & sandy material | | | | | |
| | 3.75' | | | 2 Lean clay, plastic, brown w/ black staining & rust, color, silty odor, moist some glass & ceramic, fill | | | | | |
| | | | | 4 | | | | | |
| | 4.0' | | | 6 Brown lean clay w/ tr. gravel, plastic, no odor, moist, stiff | | | | | |
| | | | | 8 Silty fine sand, non plastic, brown no odor, wet | | | | | |
| | | | | 10 Lean brown clay, no odor, tr. gravel, moist, plastic, stiff | | | | | |
| | 4.5' | | | 12 As Above color change to dk brownish grey | | | | | |
| | | | | 15 | | | | | |

Logged By:

Michael R. Kelly

Checked By:

Ed [Signature]

Well at 5-15

Sample 2.5-5 @ 1140
5-7.5 @ 1145

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|-----------------------|---|---|---|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-10 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section T N,R | | Easting 2577059.4 Northing 327558.6 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | 3.5 | | 0-3.5 | Clay silt, dk brownish grey, plastic no odor, moist, some root traces and stiff | | 2.5 | | | |
| | | | 4 | more silt @ 3-4 ft | | 2.0 | | | |
| | 4.0 | | 0-4.0 | As above from 0-3, gravel (from) present, plastic to very plastic, stiff | | 2.0 | | | |
| | | | 8 | | | 1.8 | | | |
| | 3.75 | | 10-13.75 | 4" f-m sand, no odor, wet, dk grey As Above from 5-9.5 ft lys | | 1.6 | | | |
| | | | 15 | E o B @ 15 ft | | 1.2 | | | |

Logged By:

Anthony R. Kelly

Checked By:

Red [unclear]

B10-5-7.5 @ 940

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|-----------------------|---|------------------------|---|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-11 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 2577296.0 T | | Northing 327553.9 N,R |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Clay/silt w/ gravel & organic roots, dk brown/blown no odor, wet | | 2.0 | | | |
| | 4.5 | | 2 | As Above, some dust, grey fracturing no odor, w/ gravel | | | | | |
| | | | 4 | grades into silty clay w/ gravel plastic dk brownish grey, no odor moist, stiff to v. stiff | | 1.4 | | | |
| | 4' | | 6 | As Above | | 1.6 | | | |
| | | | 8 | | | 1.4 | | | |
| | | | 10 | lean clay, w/ gravel, plastic, dk brownish grey no odor, moist stiff to v. stiff | | 1.2 | | | |
| | 5' | | 12 | | | 1.2 | | | |
| | | | 15 | | | 1.0 | | | |

Logged By: *Michael R. Kelle*

Checked By: *Red [Signature]*

Sample 0-2.5 @ 1025
1030

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|--|---|-------------------------------|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-12 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730DT | Common Well Name - | Initial Water Level - | Surface Elevation - | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of Easting 2576775.8 1/4 of Section T Northing 327449.8 | | Local Grid Location (If applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Lean clay/silt, w/ organic matter, roots, plastic, brown, no odor, no's | | 1.2 | | | |
| 4 | | | 2 | Black clay fr. gravel sand, plastic, black strong odor (arsenate) some oily fractures, moist | | 225 | | | |
| 4,5 | | | 6 | As above, less staining still oily fractures | | 124 | | | |
| | | | 8 | -2-3" sand w/ oil & tar, strong odor black, wet | | 247 | | | |
| | | | 10 | Lean clay dk brownish grey, plastic silt odor, moist, sticky, tar noticeable @ 10ft | | 27.5 | | | |
| 3 | | | 12 | Lean Clay, plastic dk grey brown no odor, moist, slick | | 10.9 | | | |
| | | | 15 | 2 EOL @ 15 | | | | | |

Logged By: *Matthew R. Kelly* Checked By: *Ed [Signature]*

B-12-7-9 915
B-12-13-15 920

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|-----------------------|---|---|-------------------------------|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-13 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of Easting 2576548.5 1/4 of Section T Northing 327361.2 N,R | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | 3.5 | | 2 | 4" gravel w/ clay, glass fill, lean clay, plastic, brown, moist, v. stiff | | 1.3 | | | |
| | | | 4 | ↓ | | | 2.8 | | |
| | 2.5 | | 6 | ~4" tarry sand/ground up coal, strong odor, pushed a rock, very soft, possibly tarry sediment?? | | 6.9 | | | |
| | | | 8 | ↓ | | | 13.4 | | |
| | 4' | | 10 | lean clay, plastic, grey, wet, no odor, gravel and clay (sandy), seen on water surrounding core, mostly clay w/ fracture to ~12ft bgs | | 9.9 | | | |
| | | | 12 | lean clay w fr. gravel, plastic brown, no odor, moist, v. stiff | | 10.9 | | | |
| | | | 15 | | | 6.4 | | | |

| | |
|--|----------------------------|
| Logged By: Nathaniel R. [Signature] | Checked By: [Signature] |
|--|----------------------------|

F-204A (R 12-94)

Sample 7.5-10 @ 1215
12.5-15 @ 1220

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|---------------------------|---|------------------------|---|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/2/10 | End Date 6/2/10 | Boring Number B-14 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-14 | Initial Water Level 8.58' | Surface Elevation - | Borehole Diameter ~ 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 2576461.3 T | | Northing 327162.9 N.R. |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City or Village Oak Creek |
| Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W Feet Feet | | | | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Clay w/ gravel, roots, some hardend tar, blocks/shutters, slight odor | | 0.9 | | | |
| | 3.5 | | 2 | 4" of concentrated black sludge 3.5ft strong creosote odor | | 0.5 | | | |
| | | | 4 | Clay/silt - to gravel & f. sand slight odor, plastic, moist, grey brown | | 0.3 | | | |
| | 4.5 | | 6 | As above 2" f-m sand seams @ 7, 7.75, & 8.5, silty sand, wet | | 0.3 | | | |
| | | | 8 | Clay as from 4-6 | | 0.7 | | | |
| | | | 10 | ~6 silty sand w/ gravel, non plastic brown, no odor, wet | | 0.5 | | | |
| | 4.0 | | 12 | Silty Clay w/ gravel, plastic, dk brown grey, no odor, moist, stiff to | | 0.3 | | | |
| | | | 15 | V. STIFF EOB @ 15ft | | | | | |

Logged By: *[Signature]* Checked By: *[Signature]*

F-204A (R/12-94)

Set Well 5-15 2.5-5 @ 1415
 7.5-10 1420

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|-----------------------|---|---|---|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-15 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane | | Easting 2576292.6 | | Northing 327181.5 |
| 1/4 of 1/4 of Section | | T N,R | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County McWan Lee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 2" Asphalt | | | | | |
| | | | 0-8" | sands & gravel fill | | | | | |
| | 4 | | 0 | lean clay w/ gravel, plastic, grey brown, no odor, moist, stiff to v stiff | | | 2.3 | | |
| | | | 4 | | | | 1.8 | | |
| | | | | As above | | | 4.2 | | |
| | | | 6 | | | | | | |
| | | | | dk grey green clay/sand, w/ black staining, maybe coal, or "hardened" | | | 8.0 | | |
| | 3 | | 8 | Refusal on concrete | | | | | |
| | | | | slide over & drill again see B-15A | | | | | |
| | | | 10 | | | | | | |
| | | | 12 | | | | | | |

Logged By: *Anthony R. [Signature]* Checked By: *[Signature]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|---------------------------|---|---|---|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-15(A) |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-15 | Initial Water Level 12.24 | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of 1/4 of Section | | Easting 2576292.6 T | Northing 8271015 N,R | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> Feet <input type="checkbox"/> S <input type="checkbox"/> Feet <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 5 | As Above | | | | | |
| | 4.5 | | 7 | 3" Jarry interval dry (silt, nonplastic, red brown, odor) | | | | | |
| | | | 9 | - moist, med stiff | | | | | |
| | 4 | | 11 | @ 9.5 Jarry & goasy interval, 23"-4" thick strong odor | | 5.2 | | | |
| | | | 13 | As above Silty clay w/ trace of gravel, tar in the fractures, greyish brown odor, wet, stiff to v. stiff | | 8.7 | | | |
| | | | 15 | As above | | 4.9 | | | |
| | 3.5 | | 17 | As above | | 20.1 | | | |
| | | | 18-19 | silt of fine sand, oil/tar in fractures | | 115.3 | | | |
| | | | 20 | - 19 silty clay w/ tr e. gravel, plastic, brown gray, silt odor, no visible tar | | 18.4 | | | |

Logged By: [Signature]

Checked By: [Signature]

B-15 19-20 1455
F-15 16-18 1500

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|---|---------------------------|---|--------------------|--------------------------------------|
| Project Name Cowell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-16 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 OT | Common Well Name MW-16 | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of | | Easting 2576139.2 T | | Northing 327205.8 N,R |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City/Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 2-3" Asphalt sand & gravel | | 21 | | | 945 |
| | 2.5 | | 2 | Lean clay w/ trace gravel, plastic brown, faint creosote odor, moist | | | | | |
| | | | 4 | at 2.5, black sandy creosote material strong odor, moist | | 11 | | | |
| | | | | sand w/ gravel, wet, brown w/ black staining, creosote odor | | 14.4 | | | |
| | 4 | | 8 | Tuff sand w/ wood pieces & gravel, v. plastic & gummy, black, strong odor creosote | | 10.9 | | | |
| | | | 10 | grey green clay w/ far in fractures strong odor, moist | | | | | |
| | 3.75 | | 12 | med stiff clay, plastic, brown grey w/ far in fractures, strong odor moist | | 16.6 | | | |
| | | | | | | | | | 6.2 |

Logged By: *Matthew R Keller* Checked By: *Red [Signature]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|--|---------------------------|---|---|---|
| Project Name Cowell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-16 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-16 | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 1/4 of 2576139.2 T | | Northing N,R 327205.8 | | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 12 | grades into clayey silt, brown, less tal in fractures, strong odor, moist | | | | | |
| | | | 14 | v. stiff to hard | | 6.9 | | | |
| | 40 | | 16 | As above more for re fractures, strong odors | | 15.5 | | | |
| | | | 18 | Clayey silt, plastic, brown gray, silt odor, moist, v. stiff | | 24.1 | | | |
| | | | 20 | EOB @ 20ft Set 2" well @ 4-14 1100 16-18 Pice B-16 7-8 Pice/Meta 1055 | | 5.1 | | | |
| | | | 22 | | | | | | |

| | |
|----------------------------------|-----------------------------------|
| Logged By: <i>[Signature]</i> | Checked By: <i>[Signature]</i> |
|----------------------------------|-----------------------------------|

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|--|------------------|---|--------------------|---|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-17 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 773D OT | Common Well Name | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of | | Easting 2576169.1 1/4 of Section T | | Northing 327157.9 N.R. |
| County Milwaukee | | State WI | DNR County Code | Civil Town/City or Village Oak Creek |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | ROD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Topsoil w/ organic matter | | | | | |
| | | | 2 | Sandy clay w/ gravel, low plasticity, brown w/ grey mottling, no odor, moist | | 006.2 | | | |
| | 4' | | 4 | dk grey clay w/ gravel, tr. of oily material | | 11.5 | | | |
| | | | 6 | Tarry oily, soft, silty sand/silt, black sig. odor, moist | | 269 | | | |
| | 4.1' | | 8 | grey clay w/ brown mottling & tar in fractures, tr gravel, sig. odor, moist | | 641 | | | |
| | | | 10 | Sand silt layers 1-3" thick w/ concentrated staining & tar | | 334 | | | |
| | | | 12 | clay w/ trace gravel & tar in fractures mod odor, red brown w/ rust staining | | 4104 | | | |
| | | | | | | 389 | | | far out |

Logged By: Nathaniel R. [Signature]

Checked By: [Signature]

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|--|---|---|---|-------------------------------|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-17 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730DT | Common Well Name - | Initial Water Level - | Surface Elevation - | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of | Easting 2576169.1 1/4 of Section T | Northing 327157.9 N,R | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 12 | | | | | | |
| | 3.75 | | 13 | @ 12.5 4" f-m tan/y/oily sand strong odor, black | | 707 | | | |
| | | | 14 | silt w/ fine sand & clay, low plasticity no visible tar, slight odor, stiff | | 70 | | | |
| | | | 16 | EOB @ 15 ft | | | | | |
| | | | | Sample 5-6 Metal/Pazo 1320 | | | | | |
| | | | | Sample 14-15 Pazo 1325 | | | | | |

Logged By: *Anthony R Keller* Checked By: *Red [Signature]*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|---|---------------------------|---|---|-------------------------------|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-18 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-18 | Initial Water Level 9.47' | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of | | Easting 2576041.4 1/4 of Section T | | Northing 327162.9 N,R |
| Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | | | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RCD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 3" Asphalt | | | | | |
| | | | 1 | 4-5" gravel sand w/ clay / fill | | 2.1 | | | |
| | 4.5 | | 2 | Lean clay w/ gravel, + fatty tractives str. odor, dk greyish brown, moist, plastic, stiff to v. stiff | | 2.6 | | | |
| | | | 4 | grades to lean red brown clay w/ tr. gravel, v. stiff to hard | | 2.7 | | | |
| | 4.0' | | 6 | As Above, no fat, rust colored mottling | | 2.7 | | | |
| | | | 8 | | | | | | |
| | 4.0' | | 10 | 4 in f-m. gravel, clean, w/ free phase oil, wet sticky clay w/ trace gravel, oil around outside of core, red brown mottling, odor wet | | 33.1 | | | |
| | | | 12 | | | | | | |
| | | | @ 14 ft | silty sand, f-m. sand, non plastic red brown, str odor | | 9.1 | | | |

Logged By: *Anthony R. Kelly* EOB @ 15 ft
Checked By: *Red [Signature]*

F-204A (R 12-94)

well set 5-15 B-18 2-4 1355 10-12 1400 B-18 product Meth Outside 1350 core

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 2

| | | | | |
|--|------------------|--|--|-------------------------------|
| Project Name Counwell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-19 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name | Initial Water Level | Surface Elevation | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576272.8 Northing 327380.1 | | Local Grid Location (If applicable) | | |
| 1/4 of 1/4 of Section T N.R. | | Feet <input type="checkbox"/> N <input type="checkbox"/> E | Feet <input type="checkbox"/> S <input type="checkbox"/> W | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RDD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | Clay & gravel, All | | 12 | | | |
| | 3' | | 2 | lean clay w/ tr gravel, plastic red brown, some dk grey mottling, no odor, moist, and is | | 21.5 | | | |
| | | | 4 | | | | | | |
| | 3' | | 6 | sand w/ gravelly silt, non plastic, wet. red brown clay, plastic, no odor wet v. stiff to hard, some grey mottling | | 27 | | | |
| | | | 8 | color dk grey @ 8-9 ft, and had oil in fractures | | 26.3 | | | |
| | 4' | | 10 | As Above, significant oil in fractures, soft, oil flows, strong odor. | | 56.2 | | | |
| | | | 12 | | | 37.1 | | | |

Logged By: *Mathew P. Kelly* Checked By: *Red [Signature]*

F-204A (R 12-94)

B-19 10-12.5 1535
 B-19 18-20 1540

sample MW18 @ 1630

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 2 of 2

| | | | | |
|--|------------------------|--|--|-------------------------------|
| Project Name Cowell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-19 |
| Boring Drilled By On Site Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 2730 DT | Common Well Name — | Initial Water Level — | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane Easting 2576272.8 Northing 327380.1 | | Local Grid Location (If applicable) | | |
| 1/4 of T | 1/4 of Section N.R. | Feet <input type="checkbox"/> N <input type="checkbox"/> S | Feet <input type="checkbox"/> E <input type="checkbox"/> W | |
| County Milwaukee | State WI | DNR County Code | Civil Town/City or Village Oak Creek | |

| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|---------------------------------|
| | | | 12 | | | | | | |
| | | | 14 | more compact clay, less oil, only on outside of core | | 37* | | | * possibly from outside of core |
| 5 | | | 16 | grey brown clay, no oil, plastic wet, odor, v. stiff | | | | | |
| | | | 18 | | | | | | |
| | | | 20 | LEORA 20 ft | | | | | |

Logged By: *Matthew R. Keller* Checked By: *Ad. Ornes*

RMT Field Soil Boring Log Information

RMT Project No: 06139.01.002

Page 1 of 1

| | | | | |
|--|---------------------------|---|--------------------------------------|---|
| Project Name Connell Ltd. Partnership - Oak Creek | | Start Date 6/1/10 | End Date 6/1/10 | Boring Number B-20 |
| Boring Drilled By OnSite Environmental (Tony) | | Drilling Method Direct Push Technology | | |
| Drill Rig 7730 DT | Common Well Name MW-20 | Initial Water Level 13.21 | Surface Elevation — | Borehole Diameter 2 Inches |
| Boring Location State Plane 1/4 of | | Easting 2575825.4 | Northing 327173.7 | Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| County Milwaukee | State WI | DNR County Code | Civil Town/City/Village Oak Creek | |


| Number | Length (In) Recovered | Blow Counts | Depth In Feet | Group Name, Percent & Range of Particle Sizes, Plasticity, Color, Odor, Moisture, Density/Consistency, Additional Comments, Geologic Origin (Stratigraphic Unit) | Sample Type | PID/FID | Standard Penetration | Well Diagram | RQD/Comments |
|--------|-----------------------|-------------|---------------|--|-------------|---------|----------------------|--------------|--------------|
| | | | 0 | 2" asphalt | | | | | |
| | | | 1 | 6" sand & gravel fill | | 6.0 | | | |
| | 4.5 | | 2 | lean clay, plastic, red brown, no odor, moist stick to v. s. # | | 5.8 | | | |
| | | | 3 | grades to greenish brown | | 5.6 | | | |
| | | | 4 | As Above | | 6.0 | | | |
| | 4 | | 5 | As Above w/ some dk grey mottling | | | | | |
| | | | 6 | | | 6.0 | | | |
| | | | 7 | 2" red brown-med. sand, nodular, moist/wet | | 6.0 | | | |
| | 4.5 | | 8 | lean red brown clay, plastic, no odor | | 4.9 | | | |
| | | | 9 | As Above, wet | | | | | |
| | | | 10 | | | | | | |
| | | | 11 | | | | | | |
| | | | 12 | | | | | | |
| | | | 13 | EOBP 15ft Well 5-15ft | | 5.3 | | | |


Logged By: *Nathaniel R. [Signature]*

Checked By: *[Signature]*


4-5 1335
10-12 1340

Photographic Log

| | | | |
|---|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 1 | Date 4/13/2010 |  | |
| Description Tank in maintenance area | | | |


| | | |
|---|--------------------------|--|
| Photo No. 2 | Date 4/13/2010 |  |
| Description Maintenance area. | | |


Photographic Log

| | | | |
|---|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 3 | Date 4/13/2010 |  | |
| Description Sump/Drain (dry) in maintenance area. | | | |

| | | |
|---|--------------------------|--|
| Photo No. 4 | Date 4/13/2010 |  |
| Description Section of heaved concrete in the furnace room. | | |

Photographic Log

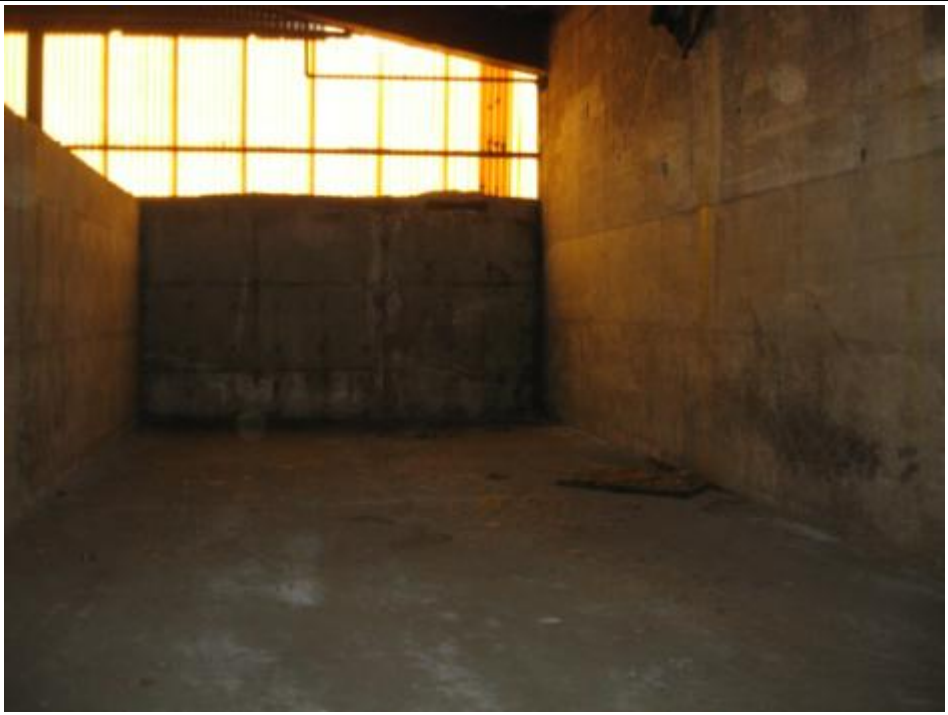
| | | | |
|---|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 5 | Date 4/13/2010 |  | |
| Description Outline of the oil pits. | | | |

| | | |
|--|--------------------------|--|
| Photo No. 6 | Date 4/13/2010 |  |
| Description Aluminum materials outside of one of the furnaces. | | |


Photographic Log


| | | |
|---|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
|---|--|-------------------------------------|

| | | |
|--|--------------------------|---|
| Photo No. 7 | Date 4/13/2010 |  |
| Description Oil pit in the furnace room. | | |


| | | |
|--|--------------------------|--|
| Photo No. 8 | Date 4/13/2010 |  |
| Description Photograph of representative concrete bin. | | |


Photographic Log

| | | | |
|--|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 9 | Date 4/13/2010 |  | |
| Description An area of the crusher room. | | | |


| | | |
|--|--------------------------|--|
| Photo No. 10 | Date 4/13/2010 |  |
| Description Looking down conveyor in Crusher Room, water in pit at base. | | |


Photographic Log

| | | | |
|---|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 11 | Date 4/13/2010 |  | |
| Description AST with oily liquid in it in the Crusher Room. | | | |


| | | |
|--|--------------------------|--|
| Photo No. 12 | Date 4/13/2010 |  |
| Description Room full of electrical equipment. | | |


Photographic Log

| | | | |
|---|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 13 | Date 4/13/2010 |  | |
| Description Oil spill on floor of furnace room. | | | |

| | | |
|--|--------------------------|--|
| Photo No. 14 | Date 4/13/2010 |  |
| Description Used oil filters (?) and in background the scrap storage room. | | |


Photographic Log


| | | | |
|---|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 15 | Date 4/13/2010 |  | |
| Description Dust and material remaining in the cyclone. | | | |

| | | | |
|--|--------------------------|--|--|
| Photo No. 16 | Date 4/13/2010 |  | |
| Description Aluminum material that remains in the dryer and has fallen around the base of the equipment. | | | |

Photographic Log

| | | |
|---|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
|---|--|-------------------------------------|

| | | |
|---|--------------------------|---|
| Photo No. 17 | Date 4/13/2010 |  |
| Description Picture of abandoned equipment in the Dross room. | | |

| | | |
|--|--------------------------|--|
| Photo No. 18 | Date 4/13/2010 |  |
| Description Photograph of the concrete bins in the dross room. | | |

Photographic Log

| | | |
|---|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
|---|--|-------------------------------------|

| | |
|------------------------|--------------------------|
| Photo No. 19 | Date 4/13/2010 |
|------------------------|--------------------------|

Description
Transformers in a room of the crusher room.




| | |
|------------------------|--------------------------|
| Photo No. 20 | Date 4/13/2010 |
|------------------------|--------------------------|


Description
Drain with oily liquid in the chlorine room.




Photographic Log


| | | |
|---|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
|---|--|-------------------------------------|

| | | |
|--|--------------------------|---|
| Photo No. 21 | Date 4/13/2010 |  |
| Description Photograph of room off of the furnace room with holes and oily liquid beneath the floor. | | |

| | | |
|---|--------------------------|--|
| Photo No. 22 | Date 4/13/2010 |  |
| Description Photograph of furnace room. | | |

Photographic Log


| | | | |
|---|--------------------------|--|---|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 23 | Date 4/13/2010 | |  |
| Description Photograph of deteriorated floor in the furnace room. | | | |

| | | | |
|---|--------------------------|--|--|
| Photo No. 24 | Date 4/13/2010 | |  |
| Description Photo of southwest corner of property with location of proposed boring/ monitoring well number 1. | | | |


Photographic Log

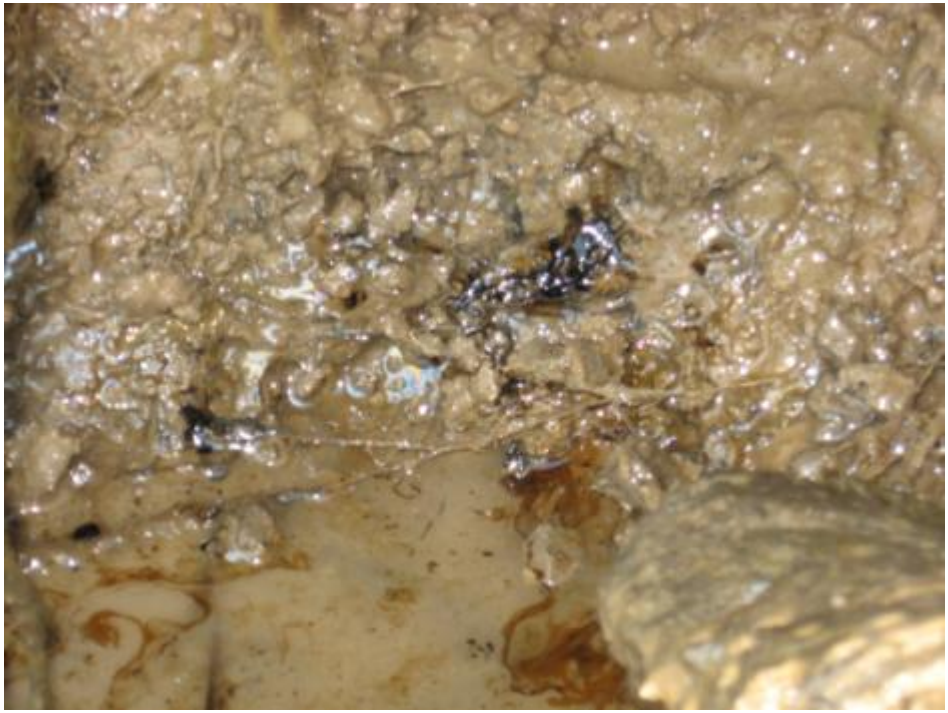
| | | |
|---|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
|---|--|-------------------------------------|

| | | |
|--|--------------------------|---|
| Photo No. 25 | Date 4/13/2010 |  |
| Description Waste piles on the eastern edge of parking lot, photo taken looking southeast. | | |

| | | |
|---|--------------------------|--|
| Photo No. 26 | Date 4/13/2010 |  |
| Description Two drums of soil? In parking lot on easter edge of building, photograph taken looking south. | | |

Photographic Log

| | | | |
|--|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 27 | Date 4/13/2010 |  | |
| Description Creosote seep in erosion channel near storm sewer catch basin. | | | |

| | | | |
|--|--------------------------|--|--|
| Photo No. 28 | Date 4/13/2010 |  | |
| Description Creosote seep in erosion channel near storm sewer catch basin. | | | |

Photographic Log

| | | |
|---|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
|---|--|-------------------------------------|


| | | |
|---|--------------------------|---|
| Photo No. 29 | Date 4/13/2010 |  |
| Description Looking east in former pond area. | | |

| | | |
|---|--------------------------|--|
| Photo No. 30 | Date 4/13/2010 |  |
| Description Eastern portion of property near former ponds, looking north. | | |


Photographic Log


| | | |
|---|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
|---|--|-------------------------------------|

| | | |
|--|--------------------------|---|
| Photo No. 31 | Date 4/13/2010 |  |
| Description Photograph of till at eastern edge (bluff) of property, showing root traces in the clay. | | |

| | | |
|---|--------------------------|--|
| Photo No. 32 | Date 4/13/2010 |  |
| Description Photograph of till at eastern edge of property. | | |

Photographic Log


| | | | |
|--|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 33 | Date 4/13/2010 |  | |
| Description Eastern portion of property, photograph take looking west, back toward building. | | | |

| | | |
|---|--------------------------|--|
| Photo No. 34 | Date 4/13/2010 |  |
| Description Picture of tar seep area, field notebook for scale. | | |


Photographic Log

| | | |
|---|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
|---|--|-------------------------------------|

| | | |
|--|--------------------------|---|
| Photo No. 35 | Date 4/13/2010 |  |
| Description Close of tar seep, little drips? Of tar next to main seep. | | |


| | | |
|--|--------------------------|--|
| Photo No. 36 | Date 4/13/2010 |  |
| Description Close of tar seep, little drips? Of tar next to main seep. | | |


Photographic Log

| | | | |
|--|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, WI | Project No.: 06139.01.002 |
| Photo No. 37 | Date 4/13/2010 |  | |
| Description Tar seep from cracks in asphalt. | | | |


| | | | |
|--|--------------------------|--|--|
| Photo No. 38 | Date 5/21/2010 |  | |
| Description Crusher room floor sample #1 in what appears to be an oil spill. | | | |


Photographic Log

| | | | |
|--|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 39 | Date 5/21/2010 |  | |
| Description Crusher room floor sample #1 in what appears to be an oil spill. | | | |


| | | | |
|---|--------------------------|--|--|
| Photo No. 40 | Date 5/21/2010 |  | |
| Description Photograph of waste pile in the crusher room. | | | |


Photographic Log

| | | | |
|---|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 41 | Date 5/21/2010 |  | |
| Description Photograph of waste pile in the scrap storage room. | | | |


| | | |
|--|--------------------------|--|
| Photo No. 42 | Date 5/21/2010 |  |
| Description Furnace room floor sample # 3. | | |


Photographic Log

| | | | |
|--|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 43 | Date 5/21/2010 |  | |
| Description Pit # 3 in the furnace room. | | | |

| | | | |
|---|--------------------------|--|--|
| Photo No. 44 | Date 5/21/2010 |  | |
| Description A liquid pit in the furnace room. | | | |

Photographic Log


| | | | |
|---|--------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 45 | Date 5/21/2010 |  | |
| Description Location of WP-FR2 in the furnace room. | | | |

| | | |
|---|--------------------------|--|
| Photo No. 46 | Date 5/21/2010 |  |
| Description Location of FRL-1 in the chlorine room sample taken from below grate with peristaltic pump. | | |

Photographic Log


| | | |
|---|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
|---|---|-------------------------------------|


| | | |
|--|--------------------------|---|
| Photo No. 47 | Date 5/21/2010 |  |
| Description Location of CRW-2 in the crusher room. | | |

| | | |
|---|--------------------------|--|
| Photo No. 48 | Date 5/21/2010 |  |
| Description Location of wipe sample #5 in the crusher room. | | |


Photographic Log


| | | |
|---|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
|---|---|-------------------------------------|

| | | |
|--|-------------------------|---|
| Photo No. 49 | Date 6/3/2010 |  |
| Description Extent of tar on June 3, 2010 at approximately 18:40 | | |


| | | |
|---|-----------------------|--|
| Photo No. 50 | Date 6/4/10 |  |
| Description Extent of tar on June 4, 2010 at approximately 13:00. | | |

Photographic Log

| | | | |
|--|-----------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 51 | Date 6/3/10 |  | |
| Description Tar seep location on 6/3/10, at approximately 18:40. | | | |


| | | | |
|--|-----------------------|--|--|
| Photo No. 52 | Date 6/4/10 |  | |
| Description Tar seep location on 6/4/10, at approximately 13:00. | | | |

Photographic Log

| | | | |
|--|-------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 53 | Date 6/1/2010 |  | |
| Description Tar seep and flow direction, taken 6/1/2010. | | | |

| | | |
|---|-----------------------|--|
| Photo No. 54 | Date 6/1/10 |  |
| Description Creosote/ tarry material on soil liner. | | |

Photographic Log

| | | | |
|--|-------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 55 | Date 6/1/2010 |  | |
| Description Oily material in soil core B-17. | | | |

| | | |
|--|-------------------------|--|
| Photo No. 56 | Date 6/1/2010 |  |
| Description Oily material in soil core B-17. | | |

Photographic Log

| | | |
|---|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
|---|---|-------------------------------------|

| | |
|------------------------|-------------------------|
| Photo No. 57 | Date 6/1/2010 |
|------------------------|-------------------------|

Description
Oily material in soil core B-17.



| | |
|------------------------|-------------------------|
| Photo No. 58 | Date 6/1/2010 |
|------------------------|-------------------------|

Description
Oily material in soil core B-17.




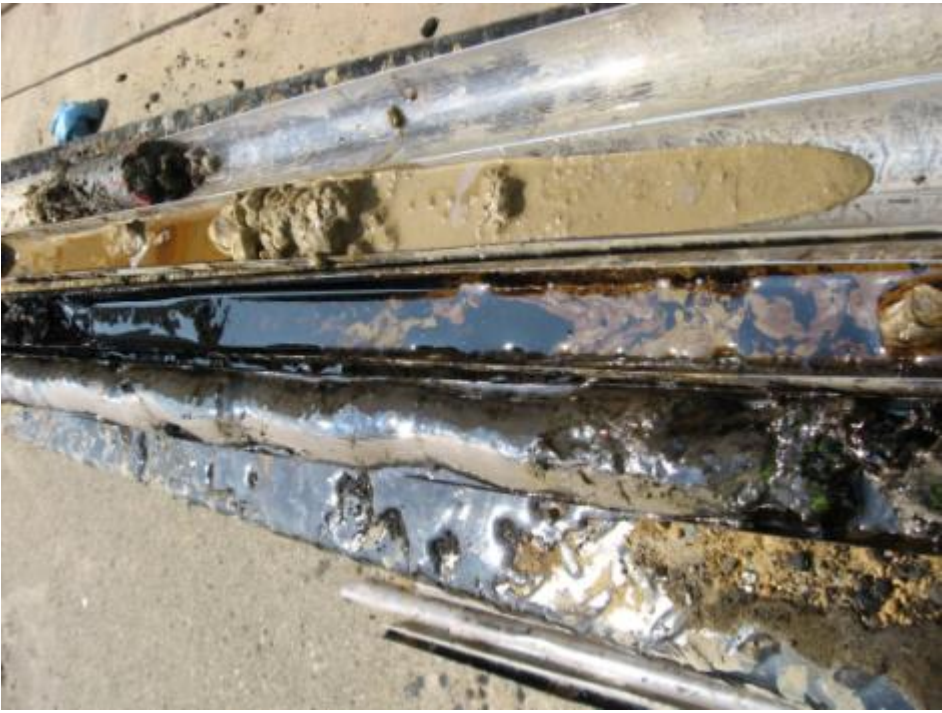
Photographic Log

| | | | |
|--|-------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 59 | Date 6/1/2010 | | |
| Description Tar/ oil in fractures of clay in B-17. | | | |


| | | | |
|--|-------------------------|--|--|
| Photo No. 60 | Date 6/1/2010 | | |
| Description Tarry/oily material in B-19. | | | |

Photographic Log

| | | | |
|--|-------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 61 | Date 6/1/2010 |  | |
| Description Tarry/oily material in B-19. | | | |

| | | | |
|--|-------------------------|--|--|
| Photo No. 62 | Date 6/1/2010 |  | |
| Description Tarry/oily material in B-19. | | | |

Photographic Log


| | | | |
|---|-------------------------|--|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 63 | Date 6/1/2010 |  A photograph showing a close-up view of a large, dark, irregularly shaped mass of oily material. The material is situated in a confined space, possibly a trench or a well, and is surrounded by concrete or metal structures. The surface of the material is highly reflective, showing bright highlights and dark shadows, indicating its viscous and dark nature. | |
| Description Oily material in B-19 | | | |

| | | | |
|---|-------------------------|---|--|
| Photo No. 64 | Date 6/1/2010 |  A photograph showing a person's hand wearing a light blue nitrile glove. The hand is holding a black, rectangular object, possibly a sample container or a piece of equipment, and is positioned over a white plastic bucket. The bucket contains a dark, viscous liquid, which is the oily material being pumped from B-18. The person is standing on a dark, paved surface, and a black hard hat is visible in the background. | |
| Description Oily material pumped from B-18. | | | |


Photographic Log

| | | |
|---|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
|---|---|-------------------------------------|

| | | |
|---|-------------------------|---|
| Photo No. 65 | Date 6/3/2010 |  |
| Description Seep location in center of tarry material on asphalt, 6/3/10, 18:40 | | |

| | | |
|---|-------------------------|--|
| Photo No. 66 | Date 6/4/2010 |  |
| Description Seep location in center of tarry material on asphalt, after a day exposure, 6/4/2010, ~13:00. | | |

Photographic Log

| | | | |
|---|-------------------------|---|-------------------------------------|
| Client Name: Connell Ltd. Partnership | | Site Location: Oak Creek, Wisconsin | Project No.: 06139.01.002 |
| Photo No. 67 | Date 6/4/2010 |  | |
| Description Drums and buckets remaining onsite. | | | |

| | | |
|---------------------------------------|-------------------------|--|
| Photo No. 68 | Date 6/4/2010 |  |
| Description Photo of MW-14. | | |

Appendix D

Meta Environmental Forensic Report

Environmental Forensic Report

**Connell Limited
Partnership – Oak Creek**

SDGs: RM100603; RM100604; RM100608

Report To:

**RMT Inc.
744 Heartland Trail
Madison, WI 53708
Proj. No. 06139.01.002**

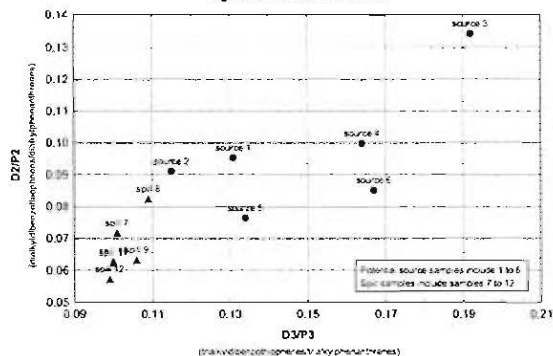
Report By:

**META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472**

June 30, 2010



Figure 1. Double Ratio Plot



Identifying and allocating sources of pollutants in complex environments.

Final Laboratory Report – Revision 2

META Environmental, Inc.
 49 Clarendon Street
 Watertown, MA 02472
 Phone: 617-923-4662
 Fax: 617-923-4610
 E-Mail meta@metaenv.com



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

New York Certification Number: 11886

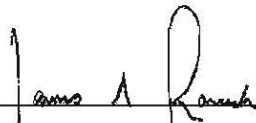
Revision 1 includes corrections to Table 1 regarding inter-sample comparisons.

Certification

This certifies that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed herein. The results included in this data report relate only to the samples as received and analyzed by the laboratory.

This report shall not be reproduced except in full, without the written approval of the laboratory.


Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager and Quality Assurance Officer, as verified by the following signatures.



 James A. Roush
 Environmental Scientist, Laboratory Manager

June 30, 2010

Date



 David M. Mauro
 Senior Scientist, Quality Assurance Officer

June 30, 2010

Date

Sample Delivery Group Narrative

Project: Connell Limited Partnership – Oak Creek

Client: RMT Inc.
744 Heartland Trail
Madison, WI 53708

Report Contact: James Wedekind

Dates of Receipt: June 3rd, 4th, and 8th of 2010

Sample Summary: The samples received for this project are summarized in the attached sample login forms in Appendix A.

META Project Number: R14005

SDG No.: RM100603, RM100604, RM100608

Total Pages in Report: 254

Chain of Custody

The samples were received in good condition. The internal temperature of two or the shipping containers were within the recommended 0-6°C range; the internal temperature of one batch was above the recommended temperature range, as follows:

| | | |
|------------------------------|--------|-------------|
| Samples received: 06/03/2010 | 12.3°C | Ice present |
| 06/04/2010 | 4.8°C | Ice present |
| 06/08/2010 | 0°C | Ice present |

Internal chain of custody procedures were followed after sample receipt. Samples were stored in a locked refrigerator. A sample custody logbook contains the record of sample removal from the secure sample storage area to the sample preparation laboratory. The custody record for the sample extracts is present on the sample extraction logbook page.

The disposal of samples and extracts will be authorized one month after the release of this data report. Sample disposal will be documented.

Methods

The non-aqueous phase liquid (NAPL) from all NAPL or NAPL/soil mixture samples was prepared by waste dilution (EPA 3580) using DCM. Aqueous samples were prepared by solvent extraction (EPA 3511) using DCM.

The extracts were spiked with internal standard and analyzed by GC/FID (EPA 8100M) for fingerprinting and by GC/MS/SIM (EPA 8270M) for mono- and polycyclic aromatic hydrocarbons (MAHs and PAHs), alkyl PAH homologues and other selected compounds.

Results

Sample results are presented in several appendices which follow this narrative.

Appendix B: GC/FID Fingerprints

Appendix C: MAH/PAH Concentrations

Appendix D: Extended MAH/PAH Profiles - Histograms

Appendix E: Extracted Ion Current Profiles (EICPs)

Quality Control

Analyte Flags

The detection limits were determined as the sample equivalent of the lowest linear initial calibration standard. Analytes measured between 50% and 100% of the lowest standard were reported as "estimated" and flagged with the letter "J." Undetected analytes were reported as null and flagged with the letter, "U." Analytes marked with a "B" were detected in the associated blank and should be reviewed for a possible positive bias. No deviations were thought significant enough to compromise the integrity of the reported values.

Holding Times

All samples were extracted within holding times with one exception: results from sample "Parking Lot" were reported from a re-extraction that occurred 13 days outside the recommended holding time for PAHs. The samples and extracts were stored at $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ prior to extraction and analysis. The extracts were analyzed within 40 days of sample preparation.

Surrogate Spikes

Extraction surrogates were added to all samples prior to extraction. All surrogate compounds were recovered within the 50%-120% acceptable criterion.

Blanks

Various MAHs and PAHs were detected below or just above the reporting limit (RL) in method blank QC100604-MB and QC100609-MB, and in aqueous blank Q100610-AB. Field sample results should be reviewed for positive bias.

Blank Spikes

A blank spike sample was extracted with each analytical batch. All spiked compounds were recovered within criteria.

Duplicates

Samples B-16 7-8, Chlorine Room, Waste Oil Tank, and Parking Lot were extracted and analyzed in duplicate. Relative percent differences are reported with the sample results in Appendix C.

Internal Standards

Internal standards were recovered within acceptable QC limits (50%-200%) relative to the continuing calibration standards.

Interpretation

Introduction

Six samples of non-aqueous phase liquid (NAPL) and four NAPL-impacted soil samples were received by META from the Oak Creek site on 6/03, 6/04, and 6/08/2010. In each case, only the NAPL fraction was analyzed except for two samples, Crusher Room 1 and Crusher Room 2, where there was insufficient NAPL volume for analysis. For those two samples, the entire NAPL/water mixture was analyzed.

The samples were analyzed for hydrocarbon fingerprints and an expanded list of monocyclic aromatic hydrocarbons (MAHs) and polycyclic aromatic hydrocarbons (PAHs). This report summarizes the findings and compares the samples.

Sources of MAHs and PAHs in the Environment

Aromatic hydrocarbons include MAHs such as benzene, toluene, xylenes, and alkylated benzenes, and PAHs such as naphthalene, phenanthrene, and pyrene. MAHs and PAHs originate from many sources and exist at many sites. This section briefly reviews the sources of MAHs and PAHs in urban soils and sediment.

Crude petroleum, many of its refined products, coal, coal tar, and many coal tar products consist primarily of hydrocarbons. Hydrocarbons are organic molecules that are made up of only carbon and hydrogen atoms. Some simple hydrocarbons include hexane and benzene. There are several types of hydrocarbons that are commonly grouped by similar chemical structures, such as alkanes, cyclic alkanes, and aromatic hydrocarbons.

MAHs and PAHs are one group of hydrocarbons that are present at high relative amounts in crude oil, coal, coal tar, and many of their products. In environmental forensic chemistry and geochemistry, MAHs and PAHs are placed in subgroups according to their origins. These groups include diagenic, or recently produced, petrogenic, produced at relatively low temperatures over long periods of time, and pyrogenic, produced at high temperatures with a shortage of oxygen. Petrogenic PAHs are those found in crude oil and similar materials. Pyrogenic PAHs are those found in coal tar and related substances, and from the incomplete combustion of organic matter.

Some PAHs can be formed by natural biological and chemical processes at ambient

temperatures. When present, these PAHs are found at very low concentrations. Further, these PAHs are rarely the subjects of environmental investigations and few, if any, are regulated.

PAHs also can be formed at relatively low temperatures. In particular, crude oils contain MAHs and PAHs that formed over millions of years at temperatures as low as 100°C to 150°C. MAHs and PAHs formed during crude oil maturation and similar processes are called petrogenic. Similarly, coal was formed at low temperatures over long periods of time and therefore is included in the petrogenic group. Both crude oil and coal contain hundreds of different MAH and PAH compounds, including many that are the subject of environmental investigations and are regulated.

Petrogenic MAHs and PAHs have been released into urban environments from numerous anthropogenic sources over the past two centuries. For example, it has been a common practice to spray roads with oil to manage dust. Asphalt is produced from petroleum and the small particles that are created as roads wear away contain PAHs. Cars and trucks drip fuels and lubricating oils that contain petrogenic MAHs and PAHs. Many industries have stored and ultimately spilled petroleum products that range from gasoline to heavy oils. Further, the potential impacts from coal cannot be ignored. For many years, residential and commercial buildings were heated with coal and small amounts of coal and coal dust accumulated wherever coal was handled. All of these sources of petrogenic PAHs, and many others, contributed to a pervasive background of PAHs in urban settings. Because many releases occurred years ago at unanticipated locations and because soil was moved around as the urban environment expanded and was modified for various uses, it is difficult to predict where and at what levels MAHs and PAHs might be found.

Finally, MAHs and PAHs are formed whenever organic substances are exposed to high temperatures under low oxygen or no oxygen conditions in a process called pyrolysis. Pyrolytic processes occur intentionally, such as in the destructive distillation of coal into coke and coal tar, or the thermal cracking of petroleum residuals into lighter hydrocarbons and oil tar. Similar processes occur unintentionally, such as the incomplete combustion of motor fuels in cars and trucks, the incomplete combustion of wood in forest fires and fireplaces, and the incomplete combustion of fuel oils in heating systems. These processes occur at temperatures that range from about 350°C to more than 1200°C, and their products are called pyrogenic.

Like petrogenic MAHs and PAHs, pyrogenic MAHs and PAHs have been released into urban environments from numerous sources. These include some obvious sources, such as building fires and industrial smoke stacks. They also include less obvious sources, such as debris from coal tar-treated roofing and building materials. The incomplete combustion of gasoline and diesel fuel in cars, trucks, and buses produces substantial amounts of pyrogenic PAHs that attach to small particles and accumulate along roadsides. Any industry that utilized high temperatures in their operation probably produced PAHs. These included such industries as foundries, steel mills, coke plants, smelters, and others. Similar to petrogenic MAHs and PAHs, pyrogenic MAHs and PAHs accumulated in soil and are found throughout all urban areas.

Much modern gasoline is unusual in that it contains both petrogenic substances (the light distillate of crude oil) and pyrogenic substances (the light hydrocarbons from thermal cracking of oil). For the purposes of this report, all motor gasoline is considered petrogenic.

Composition of Pyrogenic and Petrogenic Materials

Both pyrogenic and petrogenic sources of PAHs have been found to contain hundreds of individual MAHs and PAH compounds in generally predictable patterns. For example, it is known that the temperature of formation of MAHs and PAHs largely determines the distribution of the various parent and alkylated PAHs. Variations in these MAH and PAH distributions are measured using gas chromatography (GC) methods, particularly GC/MS. The visual interpretation of the results from GC/MS testing is a chromatogram. Variations in chromatograms are used to identify the sources of those MAH and PAHs.

Of particular importance to environmental forensic chemistry is the fact that petrogenic and pyrogenic substances from different sources can have measurably different amounts of MAHs and PAHs. For example, crude oils from different reservoirs can exhibit notably different ratios of trialkylated dibenzothiophenes to trialkylated phenanthrenes. Similarly, the ratio of dialkylated chrysene to chrysene varies among certain pyrogenic sources. Consequently, the determination of PAH profiles forms an important component of environmental forensic studies where hydrocarbon releases, either petrogenic or pyrogenic, are known or suspected to be involved.

In addition to MAHs and PAHs, pyrogenic and petrogenic substances can contain paraffinic hydrocarbons, olefinic hydrocarbons, naphthenic hydrocarbons, and other types of compounds. The presence and relative amounts of these compounds also is used to identify the nature and source of hydrocarbon-based materials in environmental samples.

Description of Chemical Fingerprinting Methodology

PAHs commonly form the basis for source attribution and allocation at sites involving petrogenic or pyrogenic materials. Studies have shown that the pattern of PAHs clearly distinguishes petrogenic from pyrogenic substances and can be used to identify and classify petrogenic or pyrogenic substances of different origins. For example, ASTM Method D 5739-95 is the method used extensively by the U.S. Coast Guard to determine the source of oil spilled in public waterways. That method relies on the determination of selected PAHs in oil, soil, or water samples by gas chromatography with mass spectrometric detection (GC/MS) and the use of the qualitative patterns and quantitative ratios of those PAHs to determine which oil samples have a common origin. Similarly, work by META Environmental, Inc. (META) has shown that the same methodology can be used to identify the sources of PAHs at former MGP sites, coke plants, tar refineries and wood treating facilities. Further, META has modified the typical sample preparation and analysis procedures for hydrocarbon fingerprinting to include MAHs as well as PAHs.

An approach based on MAH/PAH profiling has been used to investigate the sources of hydrocarbons at the Oak Creek site, which is the topic of this report. Therefore, a more detailed discussion of the forensic methods used is presented in the next subsection as background.

GC/FID Fingerprinting

All soil, water, and NAPL samples in this study were analyzed by gas chromatography with flame ionization detection (GC/FID). With GC/FID, organic compounds in a sample are

vaporized and then separated in a long, narrow fused silica capillary column. Separation follows boiling point approximately with the most volatile compounds exiting the column first followed by increasingly less volatile compounds. Therefore, certain refined petroleum products, generated by the distillation of crude oil and which differ in their boiling point ranges, are distinguishable by where they appear on a chromatogram. Once they exit the column, the compounds are detected using the flame ionization technique. As the compounds exit and are detected, their responses are recorded and shown as peaks on a continuous plot. The height and area of a peak are proportional to the concentration of that compound in the sample. When done in a controlled and reproducible manner, the GC/FID method produces a “fingerprint” of a sample where the presence and relative amounts of the compounds are immediately visible as peaks of varying height appearing at different times. GC/FID fingerprints for the samples analyzed are provided in Appendix B.

GC/FID methods are commonly used for fingerprinting in a number of forensic fields. The patterns of individual peaks and the sizes and shapes of any baseline features are examined qualitatively for similarities and differences among samples.

The instrumental conditions for the GC/FID analyses in this study were adjusted so that compounds with boiling points between about hexane (C6) and n-tetracontane (C40) were detectable in one analytical run. This range includes most of the VOCs and all of the SVOCs commonly measured in environmental investigations. In particular, it includes benzene, toluene, ethylbenzene, xylenes, and the 16 priority pollutant PAHs that comprise a major portion of MGP tars and other pyrogenic substances. It also includes the range of compounds that are measurable in pyrogenic substances by gas chromatographic methods. Finally, META’s GC/FID conditions detect most of the constituents of gasoline, as well as all of the constituents of higher boiling petroleum products (e.g., kerosene, diesel, refined oils).

Source identification using GC/FID is mostly qualitatively applied. An experienced chemist examines the chromatograms, compares them to those of reference materials, and makes a judgment regarding the nature and source of the contamination in the sample. The chemist might go “peak-by-peak” looking for similarities and differences, comparing peak ratios, and looking for indicator compounds.

For some samples, GC/FID fingerprinting is accurate and sufficient. However, the reliability of GC/FID fingerprinting decreases when multiple sources are present in a sample and when the sample composition becomes extensively altered by environmental weathering processes. Other testing methods, such as GC/MS, are complementary for source identification under these conditions.

Extended PAH Profiles (EPPs) by GC/MS

Samples from the Oak Creek site also were analyzed by GC/MS for an expanded list of MAHs and PAHs (EPPs). Separation was accomplished with gas chromatography using a method similar to the GC/FID method discussed previously. However, in GC/MS, once compounds exit the column, they are detected using a mass spectrometer. In the mass spectrometer, the molecules of each compound are ionized at high temperature and vacuum. The ionic fragments are unstable and fragment into smaller ions. The ions are then counted and the mass spectrum recorded. Thus, the mass spectrum for a compound is the pattern of ionic fragments that forms

when that compound is ionized. Mass spectra vary widely and are characteristic of their source compound. For example, the mass spectrum of hexane is very different from the mass spectrum of benzene even though both compounds contain six carbon atoms plus hydrogen atoms.

In GC/MS, one obtains both a chromatogram of peaks and additional compound-specific information in the mass spectrum. When executed in a controlled and reproducible manner, the GC/MS method produces multiple “fingerprints” of a sample when specific fragment ions are isolated.

GC/MS is utilized in two general ways in environmental forensic chemistry. First, samples are analyzed under the conditions required by various standard methods, particularly EPA Methods 8260 and 8270 (U.S. EPA SW-846). The concentrations of certain target compounds are determined and the mass spectrum of each peak in the chromatogram is generated and stored. These mass spectra can be used to identify non-target compounds or to generate extracted ion current profiles (EICPs). Second, various specialty methods are utilized where the GC/MS operating conditions are setup to measure only certain groups of compounds. For example, the method described in 40 CFR Subchapter J Part 300 Subpart L Appendix C for PAHs, alkylated PAHs, and biomarkers is used extensively in oil spill and UST release analyses. This method is similar to ASTM Method D 5739-95, “Standard Practice for Oil Spill Source Identification by Gas Chromatography and Positive Ion Electron Impact Low Resolution Mass Spectrometry.”

GC/MS data are used both qualitatively and quantitatively. An experienced chemist examines the chromatograms, compares them to those of reference materials, and makes judgments regarding the nature and source of the contamination in the sample. The chemist might go “peak-by-peak” looking for similarities and differences, comparing peak ratios, and looking for indicator compounds. This process is described in detail in ASTM Method D 5739-95.

GC/MS data are more commonly used quantitatively by calculating the concentrations of selected compounds, by comparing peak area ratios, or by applying chemometric or pattern recognition techniques to the raw or adjusted data. These data analysis methods are used extensively with extended PAH profiles (MAHs, PAHs and alkylated PAHs) and with biomarker compound data. Various degrees of statistical confidence can be achieved by examining chemical concentrations and compound ratios or patterns from multiple samples and replicate samples. This characteristic of GC/MS quantitative data is particularly valuable when assessing the degree of similarity or difference between samples, particularly when multiple sources of hydrocarbons are present in the sample or when environmental weathering has altered the original distributions of hydrocarbons.

Finally, the mass spectra of selected compounds also can be examined to determine whether any diagnostic or indicator chemicals are present in the sample. For example, the PAH retene (1-methyl-7-isopropylphenanthrene) is present in significant concentrations in coal, but at much lower concentrations in coal tar or petroleum products. Thus, the ratio of retene to chrysene can be used to determine whether coal fines are present in a soil sample and to explain some of the hydrocarbon patterns observed at sites where coal was used extensively. Further, unknown compounds can be identified and their presence used as clues to the source(s) of the chemicals.

The GC/MS data in this study were reported and utilized both qualitatively and quantitatively. First, the concentrations of MAHs, PAHs and alkylated PAHs were calculated and included in

Appendix C. These concentrations were utilized to estimate contaminant levels in samples, to generate bar graphs (Appendix D) and compare compound ratios. The ratios were used to generate plots for identifying samples with similar compositions.

The GC/MS data also were used qualitatively by generating extracted ion current profiles (EICPs) for selected compounds and compound groups of forensic value (Appendix E). For example, the EICPs for selected “biomarker” compounds including normal alkanes, isoprenoid hydrocarbons, alkylcyclohexanes, triterpanes and steranes are shown on the first page of the EICP report for each sample. These compound groups are commonly used in hydrocarbon source identifications and weathering evaluations. For example, the estimated boiling point range of a refined petroleum product, as indicated by the location of the alkanes and unresolved complex mixture (UCM) on the chromatogram, can be used to determine whether the material is kerosene, diesel, No. 6 fuel oil, or some other product. Similarly, triterpanes and steranes are known to be present in crude oils and some refined petroleum products, but not found in coke oven tars and rarely found in MGP tars. Therefore, the presence of triterpanes and steranes is monitored to confirm and refine the petrogenic versus pyrogenic assessment conducted with the PAH profiles.

Sample-Specific Observations

Table 1 summarizes the GC/FID and GC/MS data for each sample. Also provided is a qualitative determination of whether the PAHs were pyrogenic or petrogenically-derived and the potential sources of the PAHs.

Table 1. Sample-Specific Observations

| Lab ID | Field ID | Comments | Fl/Py | Class | Tentative Source Identification |
|-------------|----------------|--|-------|-------------------------|--|
| RM100603-01 | B-18 Product | Wide range distribution of unsubstituted (PAHs) with phenanthrene most abundant; very low relative amounts of MAHs; total priority pollutant PAHs (PAH16) = 184,000 mg/kg | 1.54 | Pyrogenic | Coal tar or creosote |
| RM100603-02 | B-17 5-6 | Similar to B-18 Product, but naphthalene at higher concentration than phenanthrene; total PAH16 = 3,470 mg/kg | 1.46 | Pyrogenic | Coal tar or creosote |
| RM100603-03 | B-16 7-8 | Similar to B-18 Product; total PAH16 = 130,000 mg/kg | 1.41 | Pyrogenic | Coal tar or creosote |
| RM100603-04 | Parking Lot | Similar to B-18 Product; total priority pollutant PAHs (PAH16) = 177,000 mg/kg | 1.39 | Pyrogenic | Coal tar or creosote |
| RM100603-05 | Seep | Similar to B-18 Product, but naphthalene at higher concentration than phenanthrene; total PAH16 = 17,600 mg/kg | 1.34 | Pyrogenic | Coal tar or creosote |
| RM100604-01 | Crusher Room 1 | Broad unresolved complex mixture (UCM) of hydrocarbons with few distinct peaks eluting from about tridecane (C13) to tetratriacontane (C34); also contains several large unidentified peaks eluting from about 8 minutes to 21 minutes in the GC/FID chromatogram; total PAH16 = 27.6 ug/L | 0.947 | Petrogenic plus unknown | Unknown heavy oil plus unknown chemicals |
| RM100604-02 | Crusher Room 2 | No pattern | NC | - | Unknown |
| RM100604-03 | Chlorine Room | Broad UCM somewhat similar to the UCM in sample Crusher Room 1; contains higher fraction of heavy oil; total PAH16 = 3.23 mg/kg | NC | Petrogenic | Lubricating oil |
| RM100604-04 | FR Oil | Broad UCM somewhat similar to sample Chlorine Room; total PAH16 = 9.07 mg/kg | 0.409 | Petrogenic | Lubricating oil |
| RM100608-01 | Waste Oil Tank | UCM similar to sample Chlorine Room but with somewhat different boiling point distribution; regular series of normal alkanes from decane (C10) to eicosane (C20); MAHs apparent; total PAH16 = 137 mg/kg | 0.176 | Petrogenic | Mixture of lubricating oil, gasoline, diesel |

NC – not calculable

Fl/Py – ratio of fluoranthene to pyrene

Discussion

Six samples of non-aqueous phase liquid (NAPL) and four NAPL-impacted soil samples were received by META from the Oak Creek site on 6/03, 6/04, and 6/08/2010. In each case, only the NAPL fraction was analyzed except for two samples, Crusher Room 1 and Crusher Room 2, where there was insufficient NAPL volume for analysis. For those two samples, the entire NAPL/water mixture was analyzed.

Sample Crusher Room 1 contained a mixture of a highly refined high boiling petroleum product, such as motor oil or hydraulic oil, plus several large unidentified peaks. Sample Crusher Room 2 did not contain sufficient mass for pattern matching.

Five samples contained pyrogenic substances: B-18 Product, B-17 5-6, B-16 7-8, Parking Lot, and Seep. All five samples exhibited relatively high fluoranthene/pyrene (Fl/Py), dibenzofuran/fluorene (D/F), and benzofluorene/methylpyrene (BF/MP) ratios indicating a high temperature coal tar or coal tar product. The variability among the ratios suggests that the tarry materials were from two or more sources or batches. Also, as seen in the GC/FID chromatograms (Appendix B), samples B-17 5-6, and B-16 7-8 exhibited high anthracene/phenanthrene (A/P) ratios, which may indicate a refined coal tar material, such as creosote. Samples B-18 Product, Parking Lot, and Seep did not exhibit a similarly high A/P ratio, but were clearly coal tar or a coal tar product.

The remaining three samples (Chlorine Room, FR Oil, and Waste Oil Tank) contained petrogenic substances. The petrogenic material in all four samples consisted of highly refined heavy oil consistent with lubricating oils including motor oil, gear oil, and some hydraulic fluids. Of these samples, the petroleum product in Chlorine Room was similar to the FR Oil, but with an additional heavier component.

Sample Waste Oil Tank contained a refined petroleum product similar to some motor oils in META's archive. Also present were lower amounts of lighter hydrocarbons in the gasoline to diesel oil range.

The ratios of selected PAHs in the samples were compared to samples of tars and oils in META's archive. Figure 1 is a double ratio plot of benzofluorenes/methylpyrenes verses fluoranthene/pyrene. As discussed above, samples B-18 Product, B-17 5-6, B-16 7-8, Parking Lot, and Seep project near coal tars and coal tar products in META's archive. Samples Chlorine Room, FR Oil, and Waste Oil Tank project near crude oils and petroleum products.

Sample Crusher Room 1 was not included in the data set because it was a water sample, not NAPL.

None of the samples appeared to be mixtures of pyrogenic and petrogenic materials.

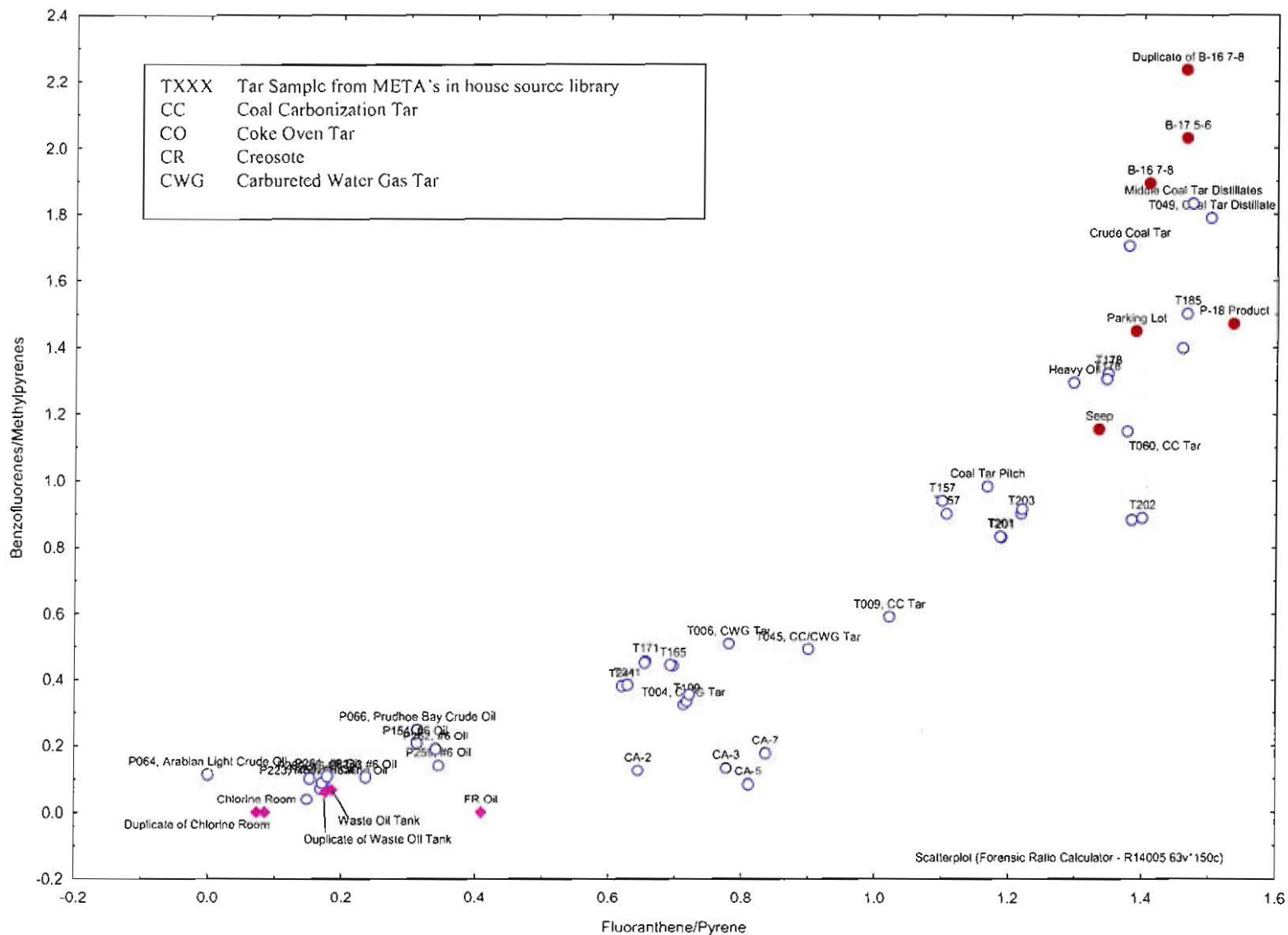
Table 2. Selected Source and Weathering Ratios

| Lab ID | Field ID | Fl/Py | D/F | C17/Pri | C18/Phy | Pri/Phy | C3D/C3PA | C2D/C2PA | BF/MP |
|----------------|-----------------------------|-------|-------|---------|---------|---------|----------|----------|-------|
| RM100603-01 | B-18 Product | 1.538 | 0.842 | 0.083 | 1.085 | 1.877 | 0.179 | 0.116 | 1.472 |
| RM100603-02 | B-17 5-6 | 1.460 | 0.727 | 2.588 | 2.911 | 1.407 | 0.199 | 0.129 | 2.030 |
| RM100603-03 | B-16 7-8 | 1.407 | 0.602 | 1.830 | 3.393 | 1.885 | 0.195 | 0.135 | 1.890 |
| RM100603-03DUP | Duplicate of B-16 7-8 | 1.461 | 0.587 | 1.863 | 4.510 | 1.979 | 0.174 | 0.131 | 2.232 |
| RM100603-04 | Parking Lot | 1.389 | 0.649 | NC | NC | NC | 0.231 | 0.140 | 1.450 |
| RM100603-05 | Seep | 1.335 | 0.812 | 1.919 | 4.561 | 2.238 | 0.238 | 0.166 | 1.157 |
| RM100604-01 | Crusher Room 1 | 0.947 | NC | 0.908 | 0.948 | 1.043 | 0.851 | 0.739 | 0.161 |
| RM100604-02 | Crusher Room 2 | NC | NC | 1.800 | 0.575 | 0.895 | NC | NC | NC |
| RM100604-03 | Chlorine Room | NC | NC | NC | NC | 0.345 | 2.809 | NC | NC |
| RM100604-03DUP | Duplicate of Chlorine Room | NC | NC | 0.098 | NC | 0.363 | 2.583 | NC | NC |
| RM100604-04 | FR Oil | 0.409 | NC | 0.551 | 0.289 | 0.686 | 3.052 | 2.317 | NC |
| RM100608-01 | Waste Oil Tank | 0.176 | 0.454 | 1.785 | 1.422 | 0.740 | 0.531 | 0.273 | 0.062 |
| RM100608-01DUP | Duplicate of Waste Oil Tank | 0.186 | 0.453 | 1.786 | 1.436 | 0.743 | 0.537 | 0.268 | 0.068 |

Ratios:

| | |
|----------|---|
| Fl/Py | fluoranthene/pyrene |
| D/F | dibenzofuran/fluorene |
| C17/Pri | heptadecane/pristane |
| C18/Phy | octadecane/phytane |
| Pri/Phy | pristane/phytane |
| C3D/C3PA | trialkyldibenzothiophenes/trialkylphenanthrenes/anthracenes |
| C2D/C2PA | dialkyldibenzothiophenes/dialkylphenanthrenes/anthracenes |
| BF/MP | benzofluorenes/methylpyrenes |
| NC | Not calculable |

Figure 1. Selected Diagnostic Ratios –BF/MP v. FI/Py



Definitions

Pyrogenic substances are complex mixtures of primarily hydrocarbons produced from organic matter subjected to high temperatures but with insufficient oxygen for complete combustion. Pyrogenic materials are produced by fires, internal combustion engines, and furnaces. They also are formed when coke or gas are produced from coal or oil. Coal-tar based products, such as roofing, pavement sealers, waterproofing, pesticides, and some shampoos contain pyrogenic materials.

Petrogenic substances include crude oil and crude oil derivatives such as gasoline, heating oil, and asphalt.

Pitch is the semi-solid or solid material consisting of high molecular weight hydrocarbons that remain following coal tar distillation.

References

“Chemical Fingerprinting of Hydrocarbons,” in: Introduction to Environmental Forensics. B.L. Murphy and R.D. Morrison editors, Academic Press, San Diego, CA 2002.

Mauro, D.M., “Chemical Source Attribution at former MGP Sites,” EPRJ Report 1000728, December 2000.