AZD 093 660 512
Part C 2E-1

PCB SITE
CHARACTERIZATION REPORT
TRENCH AND RETENTION BASIN AREAS
WASHINGTON PARK CORPORATE CENTER
LOT 3, TRILLIUM RESIDENTIAL
4400 BLOCK EAST WASHINGTON ST.
PHOENIX, ARIZONA

JOB NO. 2188JF154

Western Technologies Inc.
The Quality People
Since 1955

PHOENIX – ARIZONA
3737 East Broadway Road
Phoenix, Arizona 85040-2921
(602) 437-3737 • fax 470-1341

Prepared For:

AIG
c/o DST Real Estate Advisors
4800 N. Scottsdale Road,
Suite 1200
Scottsdale, Arizona

March 25, 2009

Registered Professional Engineer (Civil)
CERTIFICATE NO. 46625
HUMBERTO F. PRECIADO
Date Signed 03-25-09
ARIZONA, U.S.A.

EXPIRES ON 06/30/10

Humberto F. Preciado, Ph.D., P.E.
Geotechnical Engineer

David Regonini
Director, Environmental Services

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3737 East Broadway Road
Phoenix, Arizona 85040-2921
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March 25, 2009

AIG
c/o DST Real Estate Advisors
4800 North Scottsdale Road, Suite 1200
Phoenix, Arizona 85251

Attn: Mr. Brian Gaintner

Re: PCB Site Characterization Report
Trench and Retention Basin Areas
Washington Park Corporate Center Lot 3
Trillium Residential
4400 Block of East Washington Street
Phoenix, Arizona

WT Job No. 2188JF154

INTRODUCTION

Western Technologies Inc. presents the additional PCB soil characterization in trench and retention basin areas at the above referenced property.

On July 22, 2008, WT submitted the Amendment to PCB Remediation Notice for the Washington Park Corporate Center Lot 3 to the Environmental Protection Agency (EPA). WT collected composite soil samples to verify achievement of the high occupancy cleanup level of less than or equal to 1 ppm PCBs in Lot 3. The results of the cleanup verification samples confirmed that PCB-contaminated soils remain in three (T6-15, T7-15, and T8-15) cleanup verification sampling grids at 19 feet below ground surface (Exhibit 1, Appendix A). These three grids were collectively referred to in that document as the "Trench Area". Additionally, WT identified the presence of volatile organic compounds (VOC's) and polynuclear aromatic hydrocarbons (PAH) in the Trench Area. In response to preliminary comments from EPA, WT submitted a letter (dated September 11, 2008) that clarified the first notification amendment and proposed contingencies to be implemented based on the results of soil PCB characterization at the site and the newly identified organic constituents.

Consistent with our PCB remediation notice to EPA (September 11, 2008), the additional characterization of soils at the site consisted of: 9 borings drilled to a depth of 40 feet below existing site grade (besg) in the Trench Area, 4 borings to 20 feet besg at the proposed southwest underground detention basin, 2 borings to 20 feet and 2 to 40 feet at southeast basin, 2 borings to 20 feet besg at the northwest, and 3 borings to 20 feet besg at the northeast proposed detention basins. In addition, WT installed a clustered vapor monitoring well to provide screening data for VOCs and PAH's in the trench area of the site, which will eventually be partially covered by a residential building. The vapor well was drilled to a depth of 40 feet and had screened intervals of 35 to 40 feet, 15 to 20 feet, and 5 to 10 feet besg.

Authorization

This report has been prepared for the benefit of AIG (c/o DST Real Estate Advisors) and for submittal to the Environmental Protection Agency (EPA) and it may not be utilized or relied upon by any other person or entity without the prior written permission of WT.

Purpose

The purpose of this project was to characterize PCB soil concentrations at the site and provide recommendations to achieve the PCB remediation objectives established in the PCB remediation notice to EPA. Additionally, screening VOC and PAH data in the vicinity of the trench area was collected. These data will be provided and potential future impacts discussed in a separate document to the Arizona Department of Environmental Quality as well as EPA.

Scope of Work

The tasks implemented for this assessment consisted of the following:

- The drilling of 13 soil borings to depths of 20 to 40 feet below ground surface (bgs) in the southwest, southeast northwest and northeast retention basin areas using a Hollow Stem Auger (HSA) and an ODEX percussion drilling method,

- The drilling of nine soil borings to depths of 40 feet below ground surface (bgs) in the trench area using an ODEX percussion drilling method,

- The collection of soil samples at 5-foot intervals, beginning at 5 to10 feet bgs in the retention basin areas, using a California-modified split barrel sampler for soil samples and a coring barrel for rock samples. Samples were screened in the field using a photo-ionization detector (PID),

- The analysis of 101 selected soil and rock samples for PCB's using EPA method 8082 at a laboratory certified by the ADHS,

- The analysis of 6 decon water samples for PCB's, VOC's, and PAH's using EPA methods 8082, 8260, and 8310 (respectively) at a laboratory certified by the ADHS,

- The installation of one clustered soil vapor monitoring well composed of three probes with screens at depth intervals of 5-10, 20-25, and 35-40 feet besg,

- Comparison of the results to a PCB cleanup standard of 1 part per million based on a high occupancy activity,

- Preparation of this summary report.

SITE INFORMATION

This section contains information about the location, description, geology, and hydrogeology of the Site.

Site Location

The Washington Park Corporate Center (WPCC) contains a multi-use planned development that is bounded by Van Buren Street on the north, Washington Street on the south, State Route 143 on the east, and 44th Street on the West, in Phoenix, Arizona. Lot 3 of the Washington Park Corporate Center is encompassed by a proposed private roadway named Dupont Circle and it has an assigned street address of 111 North Dupont Circle. According to records from the Maricopa County Assessor's Office, the Assessor's Parcel Number for Lot 3 is 124-10-041. The cadastral description of the Property, relative to the US Public Land Survey System, is generally within a portion of the southwest ¼ of the northwest ¼ of the northeast ¼ of Section 7, Township 1 North, Range 4 East, Gila and Salt River Baseline and Meridian, Maricopa County, Arizona.

Site Description

The Site currently contains vacant graded land with no structures or occupants. An office building followed by Van Buren Street is to the north. A second office building followed by State Route 143, is to the east. A vacant lot and a 5-story hotel building, followed by Washington Street is to the south. The City of Phoenix Light Rail System is installed within the Washington Street right-of-way and the Pueblo Grande Museum is further south, across Washington Street. Graded land parcels and a restaurant followed by 44th Street, are to the west. Two Circle K convenience stores occupy the northeast corner of Washington and 44th Street, and the southeast corner of Van Buren Road and 44th Street.

Lot 3 of the Washington Park Corporate Center is planned for development as an upscale residential apartment complex. Exhibit 2 in Appendix A contains a site plan showing the proposed lay-out of the apartment complex. Structures will include four-story residential apartment buildings, a centrally positioned 4-story parking garage, and support facilities consisting of a leasing office, maintenance area, courtyard and pool, great room and fitness center.

Summary of Site History and Previous Investigative Activities

The Washington Park Corporate Center (WPCC) was assembled from multiple parcels formerly containing different uses. The east half of Lot 3 was occupied by the former National Electric Coil (NEC) facility at 4444 East Washington Street, which was the focus of a TSCA remediation project in the mid-1980s, when PCBs were remediated to a target level of 25 parts per million (ppm).

From November 2007 to May 2008, PCB clean-up was implemented on Lot 3 according to the PCB Remediation Notice previously submitted to EPA. Based on the results of composite grid sampling following the requirements of Sub-Part O, three grids contained PCB concentrations above the remedial objective of less than or equal to 1 ppm for High Occupancy Areas. Those three grids were identified in our Second Notification Amendment as the "Trench Area". The excavation at those three grids reached approximately 19 feet below the original ground surface, and the PCB levels, as measured in the verification samples at that depth, were reported at 1.2, 4.1 and 6.8 milligrams per kilogram (mg/kg). All other verification samples met the remedial objective of less than or equal to 1 ppm.

After multiple discussions between WT and Carmen Santos with USEPA-Region 9 Waste Management Division, WT proposed in the Second Notification Amendment to conduct further characterization in the Trench Area. Additionally, WT proposed to characterize soil in four areas at Lot 3 planned for underground detention basins to verify that PCBs were not present at elevations below previously remediated areas.

Topographic, Geologic and Hydrogeologic Conditions

The Site is at an elevation of approximately 1,145 feet above mean sea level (msl). The site is located in the Basin and Range Geologic Province. The Basin and Range Province is characterized by a modern landscape consisting of broad alluvial valleys bound by steep, relatively rugged mountain ranges. The site is located in Recent and Pleistocene Age alluvial materials that are of variable thickness underlain by older Precambrian Granite and related crystalline rocks at different stages of weathering.

Based on information from the Arizona Department of Water Resources, groundwater in the vicinity of the site has been found at depths ranging from 51 to 66 feet below land surface or 1083 to 1089 feet msl. The groundwater gradient follows the surface topography (i.e. trends from the northeast to the southwest) as well as a dip in the underlying crystalline rocks. Groundwater levels can be expected to fluctuate with varying seasonal and weather conditions, groundwater withdrawal and recharge, local irrigation practices, and future development.

FIELD ACTIVITIES FOR SOIL CHARACTERIZATION

The field activities were implemented by WT on November 14 through December 8, 2008. Drilling services were provided by Enviro-Drill, Inc. (EDI). Prior to PCB soil characterization activities by WT, the Trench Area was surveyed. The horizontal and vertical limits of the Trench Area were recorded both with coordinates and elevation above msl. Subsequently, the Client transported import soil to the site and conducted site grading activities at Lot 3. The graded areas included the areas already remediated as well as backfilling and grading of the Trench Area. Despite the Trench Area not being remediated to high occupancy soil PCB levels, it was decided that this area should be backfilled to facilitate access to a drill rig to conduct soil characterization activities.

Selection of Boring Locations

A total of nine soil borings identified as Borings B-9 through B-17 were drilled to a depth of 40 feet in the trench area. Four borings were drilled to depths of 20 to 40 feet at each of the proposed southwest (Borings B-1 through B-4) and southeast (B-18 through B-21) detention basins. Two borings were drilled to 20 feet at the northwest (B-5, B-6, and B-22), and 2 borings were drilled to 20 feet at the northeast (B-7 and B-8) proposed detention basins (See Appendix B, Figure 1 Boring Location Diagram).

Subsurface Drilling

The borings were advanced with a CME-75 drill rig equipped with hollow stem 7-inch diameter auger flights. Wherever auger refusal was encountered or anticipated, drilling was done using an ODEX percussion drilling method. The soils encountered by the borings were logged in the field according to the Unified Soil Classification System (USCS). When rock was encountered, the Arizona Department of Transportation standard terminology was used for the rock description. Copies of the boring logs are presented in Appendix C.

As presented on the boring logs, surface soils to depths of 15 to 36 feet consist of medium to very dense Silty or Clayey, Gravelly Sand. The materials underlying the surface soils and extending to the full depth of exploration (40ft) consisted of very to moderately fractured Granite rock at different stages of weathering. Groundwater was not encountered in any of the borings at the time of exploration.

Once sampling was completed, the deep borings (40 ft) in the Trench Area were backfilled with hydrated bentonite pellets, whereas the shallow borings (20 ft) in the proposed underground retention basins were backfilled with pea gravel. Different backfill materials were used depending on whether the borings were in an area that will be subsequently excavated or whether the soils are likely to remain in place. Based on this rationale, the pea gravel was used as temporary backfill, whereas the hydrated bentonite pellets were used as permanent backfill.

Soil and Rock Sampling

The soils penetrated by the borings were sampled with a California-Modified split-barrel sampler containing three 2-inch diameter, 6-inch long brass sleeves. The sampler was driven into undisturbed soil below the drill string with repeated blows of a 40-pound drop hammer falling a distance of 30 inches. Sampling was performed at 5-foot intervals beginning at 5 or10 feet bgs to the depth of each boring in the proposed underground retention basins. Sampling was performed at the same 5-foot intervals beginning at 15 or 20 feet bgs to the depth of each boring in the Trench Area. The depth at which sampling started was defined as 5 feet below the grade level where PCB characterization was last performed in the PCB remediation plan. At each depth interval, the sampler was removed from the boring after it was driven 18 inches, or after 50 counted blows

were recorded for any 6-inch interval. The three inner 2-inch brass sleeves, and soil samples contained within them, were then removed from the California-modified split barrel sampler.

The rock sampling procedure was similar except that instead of using a California sampler, sampling was done using a rock coring barrel and samples were placed in 3-inch diameter, 6-inch long brass sleeves. The soil or rock collected in the brass sleeve was lined with Teflon sheets, aluminum sheets, and tight-fitting plastic caps. The sample sleeve was labeled with a sample identification number consisting of the boring number and sample depth. The sample data was then entered on a chain-of-custody record and the samples were immediately delivered to Orange Coast Analytical, for PCB analysis by method EPA8082.

Field Screening Procedures

Field screening of VOCs was conducted by utilizing a photo ionization detector (PID), Rae Systems Minirae 2000 equipped with a 10.7 ev detector. The PID was calibrated by the distributor prior to arrival. Once the samples were obtained, a portion of the soil or rock was placed into a resealable plastic bag and allowed to warm by indirect sunlight for a minimum of 10 minutes. The probe of the PID was pressed through the sidewall of the bag and the headspace above the soil/rock was evacuated by the probe. Continuous readings were monitored until the headspace had been removed. The field screening procedure provides a cursory evaluation of the magnitude of potential contamination based on levels of vapor emitted from the sample. The PID can detect a wide variety of VOCs. Therefore, the resulting data are not compound-specific. PID readings were recorded on the soil boring logs in the field (Appendix C).

Field screening readings as measured with the photo-ionization detector (PID) and a slight odor of volatile compounds was noted in the borings located in the Trench Area. Generally, the PID readings were detected at depths below 25 feet but no consistent pattern with depth was generally observed.

Equipment Decontamination Procedures

All downhole sampling equipment was deconned between sampling events using an Alconox detergent scrub, a tap water rinse, and a final rinse with distilled water.

Management of Investigation-Derived Wastes

Drill cuttings and associated wastes were stored in properly labeled metal 55-gallon drums on the east central portion of the Site until final soil and water analysis results were received. The information provided in the labels consisted of: Project name, boring number, Date of storage, type of disposed material (soil or rock cuttings, decontamination water or plastic sheeting), location, and generator's name. A non-hazardous waste profile sheet, including final soil analysis, was submitted to Allied Waste for approval to dispose in the Southwest Regional Landfill (AZ 755). A total of 45 drums were removed from the Site by Environmental Response Inc. (ERI). Twenty drums containing

decon water were temporarily stored at ERI's facility and subsequently disposed by Liquid Environmental Solutions on February 20, 2009. The remaining twenty-five drums containing soil and solid waste were delivered to the landfill on March 11, 2009. Copies of the profile forms and waste disposal documents are included in Appendix D.

LABORATORY ANALYSIS

Orange Coast Analytical, Inc. (OCA) of Phoenix, Arizona, processed the soil, rock, and water samples. OCA is certified by the Arizona Department of Health Services (ADHS) to perform the requested testing (ADHS Nos. AZ0558, AZ0646, and AZM499).

Laboratory Methods and Results for Selected Soil Samples

Soil or rock samples from each boring were analyzed at OCA's laboratory for PCB's by EPA Method 8082. A total of 101 samples from all borings were submitted for analysis. The laboratory reports, quality control data, and chains-of-custody records are included in Appendix E. Tables 1, 2, and 3 at the end of this report summarizes the results. A total of 7 borings, all of them at or in the immediate vicinity of the Trench Area, exhibited the presence of PCB's (B-9, B-10, B-11, B-12, B-14, B-15, and B-18).

None of the proposed underground retention basin areas exhibited the presence of PCB's at the depth intervals that will be disturbed by the installation of the underground tanks. However, the southeast basin (where B-18 was located) did exhibit the presence of PCB's (0.92 ppm) at a depth of 35 feet. This depth is beyond the proposed depth of the future underground retention basin (16 feet). Additionally, the PCB concentration was below the maximum allowable concentration for high occupancy areas. Out of 17 samples that showed the presence of PCB's, 13 samples exhibited PCB levels below 1ppm and 4 of the remaining samples showed PCB concentrations greater than 1 ppm, but lower than 10 ppm. None of the PCB's concentrations were found to be above 10 ppm.

CONCLUSIONS

The additional soil PCB characterization results confirmed that all the proposed underground retention areas have been remediated to PCB levels below 1 ppm for high occupancy areas in accordance with our PCB remediation notice.

Further soil characterization results in the Trench Area confirmed that PCB concentrations are above 1 ppm, but below 10 ppm at depths below 25 feet besg. Two sampling locations west of the Trench Area (B-14 and B-15) also showed PCB concentrations in the 1 to 10 ppm range (1.4 and 1.3, respectively). These two sampling locations were outside of what was originally identified as the Trench Area (T6-15, T7-15, and T8-15) and corresponded to two of the perimeter borings that were proposed in the Second Notification Amendment. Figure 2 (Appendix B) provides a plan view of the boring locations within and around the Trench Area and Figure 3 shows the locations

where 1ppm<PCBs<10ppm were encountered. The borings drilled for the southeast detention basin provided sufficient data to define the lateral extent of PCBs to below 1 ppm.

Given the PCB concentration range encountered in the Trench Area (1-10 ppm) and the depths where PCBs were detected (greater than 25 feet), the PCB contaminated soils will be covered with a cap, rather than removing these soils.

The discovery of PCBs above 1 ppm in the B-14 and B-15 locations will result in the need to extend the proposed cap beyond the previously identified Trench Area to include this adjacent area. Based on the data from the subsurface investigation performed for the southeast basin, WT believes that the area of soils containing PCB's in the 1-10 ppm range has been properly characterized and is limited to the Trench Area and the adjacent area between the Trench and the proposed southeast basin (see Figure 4-hatched rectangular area in Appendix B).

RECOMENDATIONS

Capping Method

Consistent with our first PCB remediation notice, the proposed capping system will involve three stages consisting of: 1) a physical barrier comprised of 6-inch thick, 1-sack controlled low strength material (CLSM) placed immediately above the bottom of the trench and adjacent area, 2) engineered soil backfill placed on top of the CLSM liner, and 3) the final cap consisting of either compacted soil, portland cement concrete or asphalt concrete. The final cap will be determined once the Client and WT have agreed on the best alternative considering the future use of the area above the final cap (parking, courtyard or landscaped area, building envelope, etc.). The cap will comply with the minimum properties and thickness requirements specified in 40C.F.R. 761.75(b)(ii-v) and 40C.F.R. 761.61(a)(7), respectively.

WT believes that the proposed system of capping will accommodate the narrative standards found in 40 CFR 264.310(a) that include the provision of long-term minimization liquid migration, function with minimum maintenance, provide drainage and minimize erosion or abrasion, accommodate settling and subsidence, and provide for adequate permeability.

A notice will be recorded identifying the location of the cap, the in situ concentrations and the requirements for operations and maintenance of the cap.

CLOSURE

We appreciate the opportunity to be of service to AIG C/O DST Real Estate Advisors on this project. If you have any questions regarding this report or if we can be of further assistance, please contact the undersigned at (602) 437-3737

Respectfully Submitted,
Western Technologies, Inc.

Humberto F. Preciado, Ph.D., P.E.
Geotechnical Engineer

Reviewed by,

David Regonini
Director, Environmental Services

C: Client (3)

Attachments: Tables
Appendix A: Exhibits
Exhibit 1, PCB Sampling Grids
Exhibit 2, Site Plan
Appendix B: Figures
Figure 1, Boring Location Diagram
Figure 2, Borings Drilled Around the Trench Area
Figure 3, Boring Locations with 1ppm<PCB<10ppm
Figure 4, Capping Area
Appendix C: Soil Boring Logs
Appendix D: Investigation-Derived Waste Documents
Appendix E: Laboratory Reports, QA/QC data, and Chains-of-Custody

PCB SITE CHARACTERIZATION REPORT
TRENCH AND RETENTION BASIN AREAS
WT JOB NO. 2188JF154

ANALYTICAL SUMMARY TABLES

PCB Soil Concentrations (mg/kg or ppm)

Depth (feet)	SW Retention Basin				NW Basin			NE Basin	
	B-1	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-22**	**B-7**	**B-8**
5	<0.025	<0.025	<0.025			<0.025	<0.025	<0.025	<0.025
10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
15	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
20	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
25									
30									
35									
40									

PCB Soil Concentrations (mg/kg or ppm)

Depth (feet)	Trench Area								
	B-9	**B-10**	**B-11**	**B-12**	**B-13**	**B-14**	**B-15**	**B-16**	**B-17**
5									
10									
15	<0.025							<0.025	<0.025
20	<0.025				<0.025	0.110	<0.025	<0.025	<0.025
25	<0.025	0.067	**2.900**	0.590	<0.025	**1.400**	<0.025	<0.025	<0.025
30	0.077	<0.025	**1.600**	<0.025	<0.025	0.390	0.042	<0.025	<0.025
35	<0.025	0.410	0.550	<0.025	<0.025	0.079	**1.300**	<0.025	<0.025
40	<0.025	0.520	<0.025	<0.025	<0.025	0.090	0.430	<0.025	<0.025

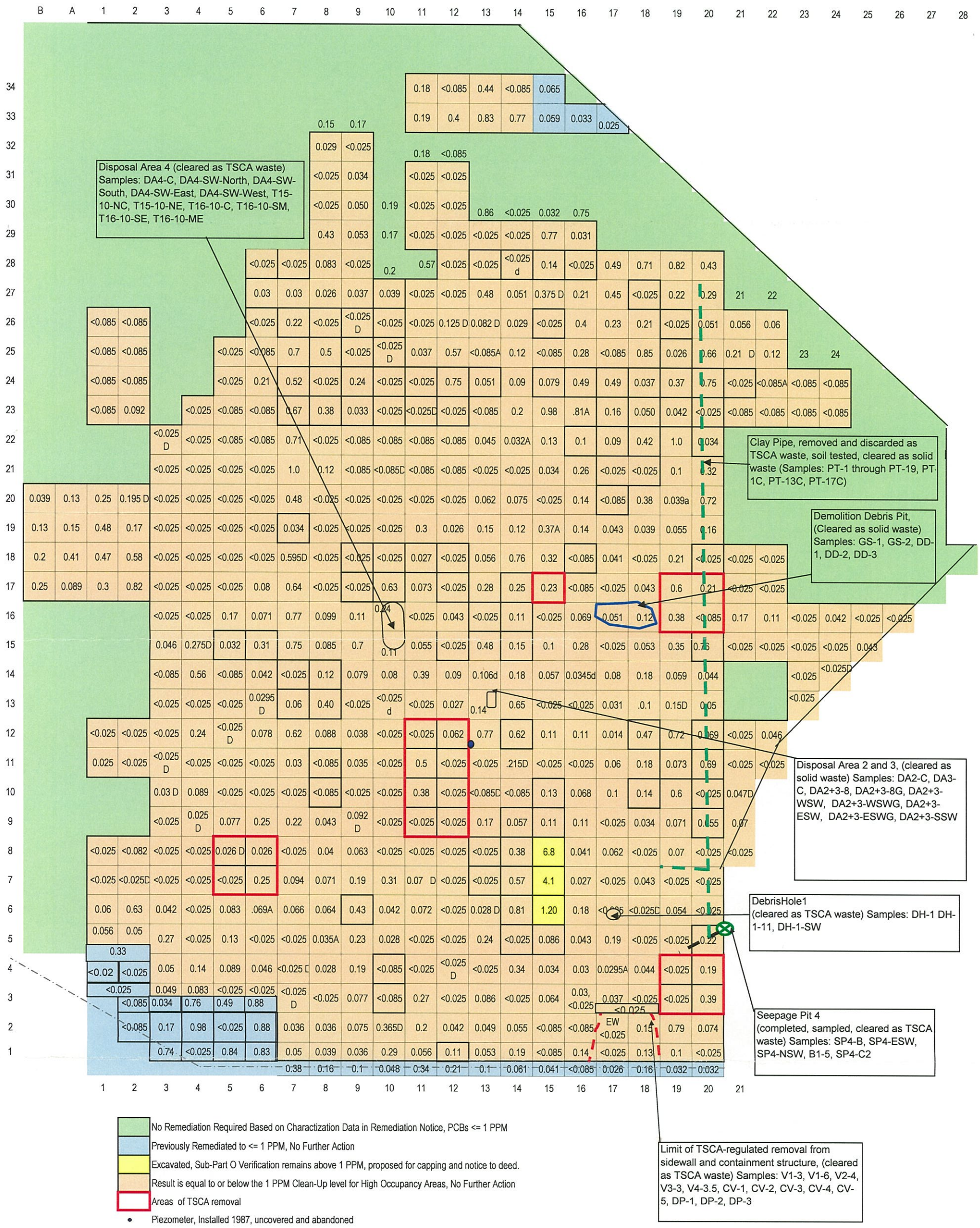
PCB Soil Concentrations (mg/kg or ppm)

Depth (feet)	SE Basin			
	B-18	**B-19**	**B-20**	**B-21**
5			<0.025	<0.025
10	<0.025	<0.025	<0.025	<0.025
15	<0.025	<0.025	<0.025	<0.025
20	<0.025	<0.025	<0.025	<0.025
25	<0.025	<0.025		
30	<0.025	<0.025		
35	0.920	<0.025		
40	<0.025	<0.025		

APPENDIX A:

EXHIBITS

Ehibit 1, PCB Grid
Washington Park Corportate Center, Lot 3
111 North Dupont Circle
Phoenix, AZ
WT Job No. 2188JK154
3/25/2009



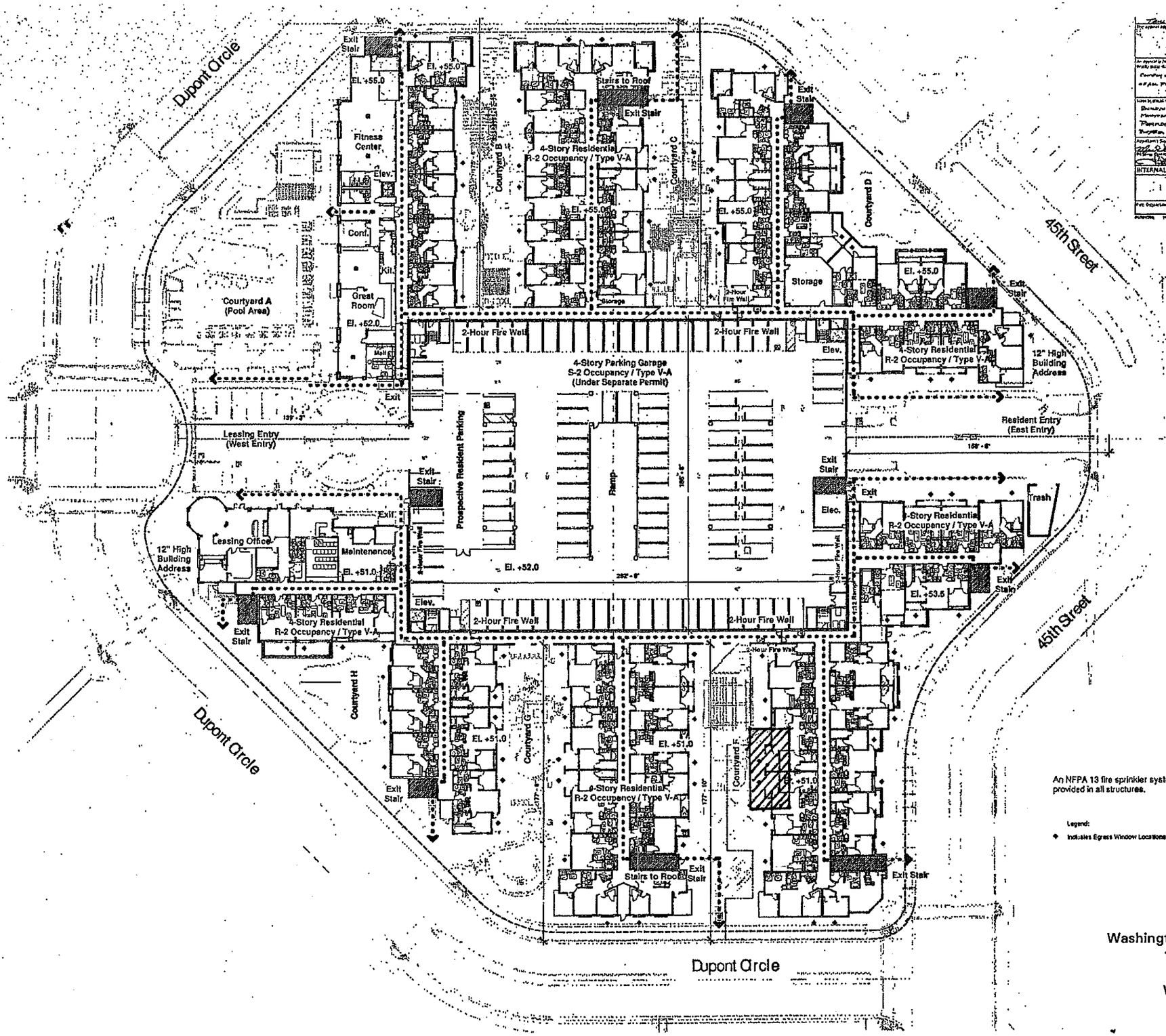


Exhibit 2 – Site Plan
Washington Park Corporate Center, Lot 3
111 North Dupont Circle
Phoenix, AZ
WT Job No. 2188JF154
3/25/2009

APPENDIX B:

FIGURES

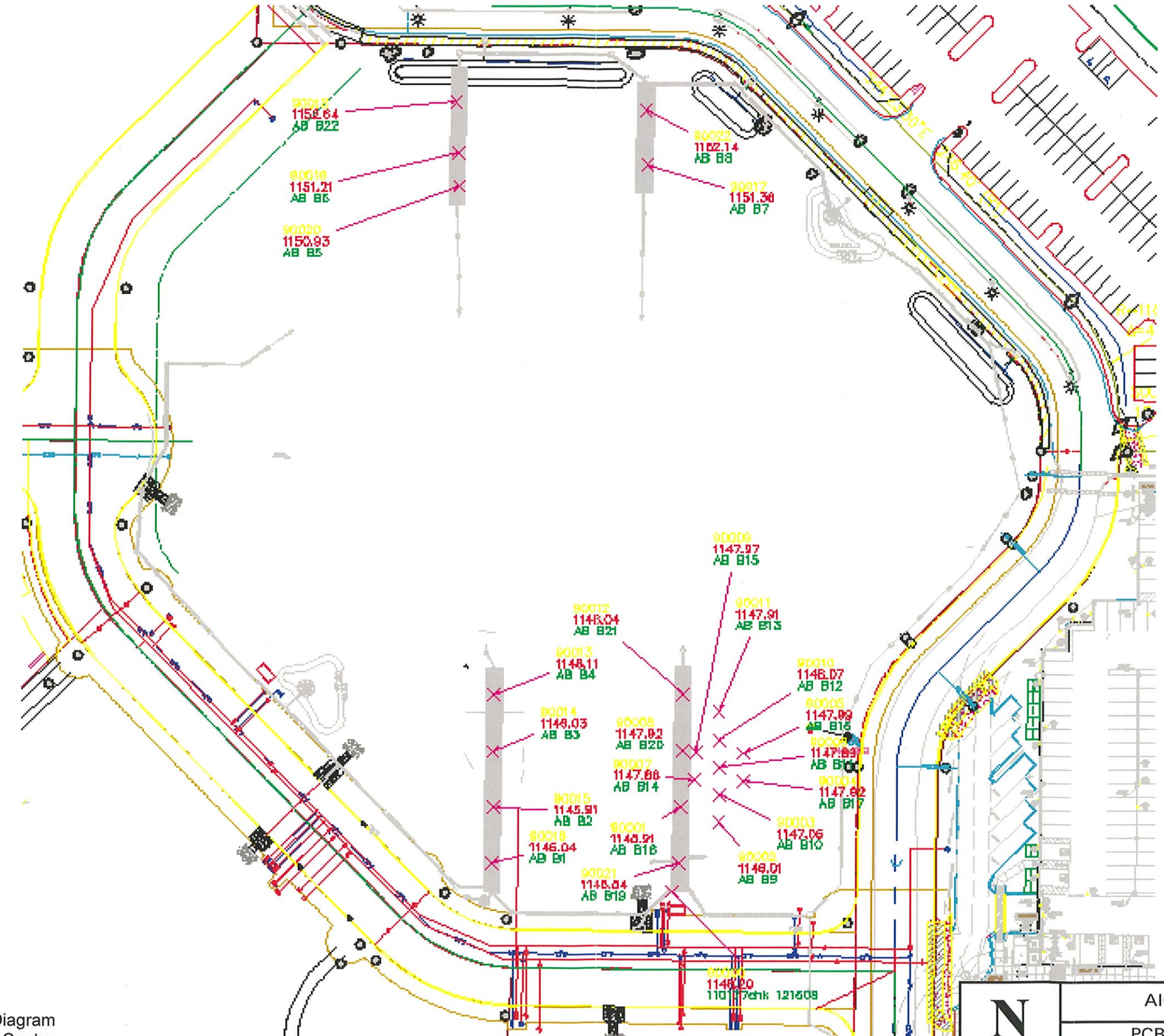


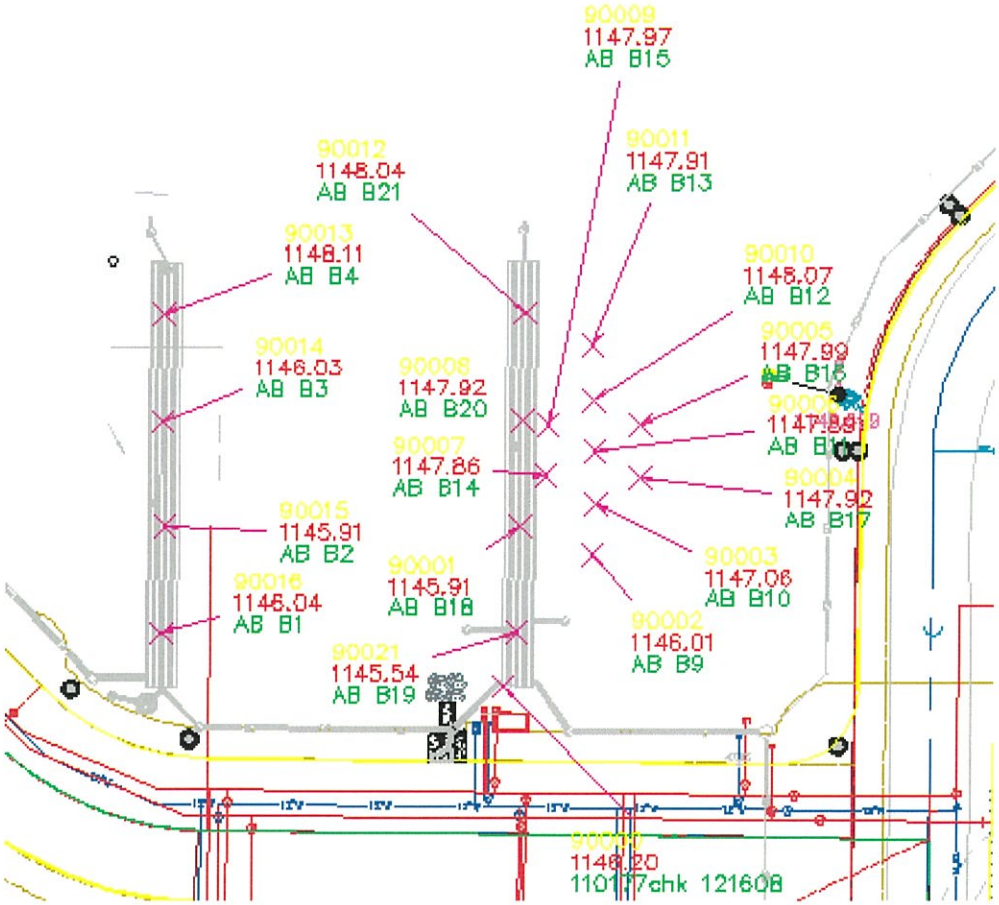
Figure 1 – Boring Location Diagram
Washington Park Corporate Center
Lot 3
Washington Street and 44th Street
Phoenix, Arizona

N

Not to Scale

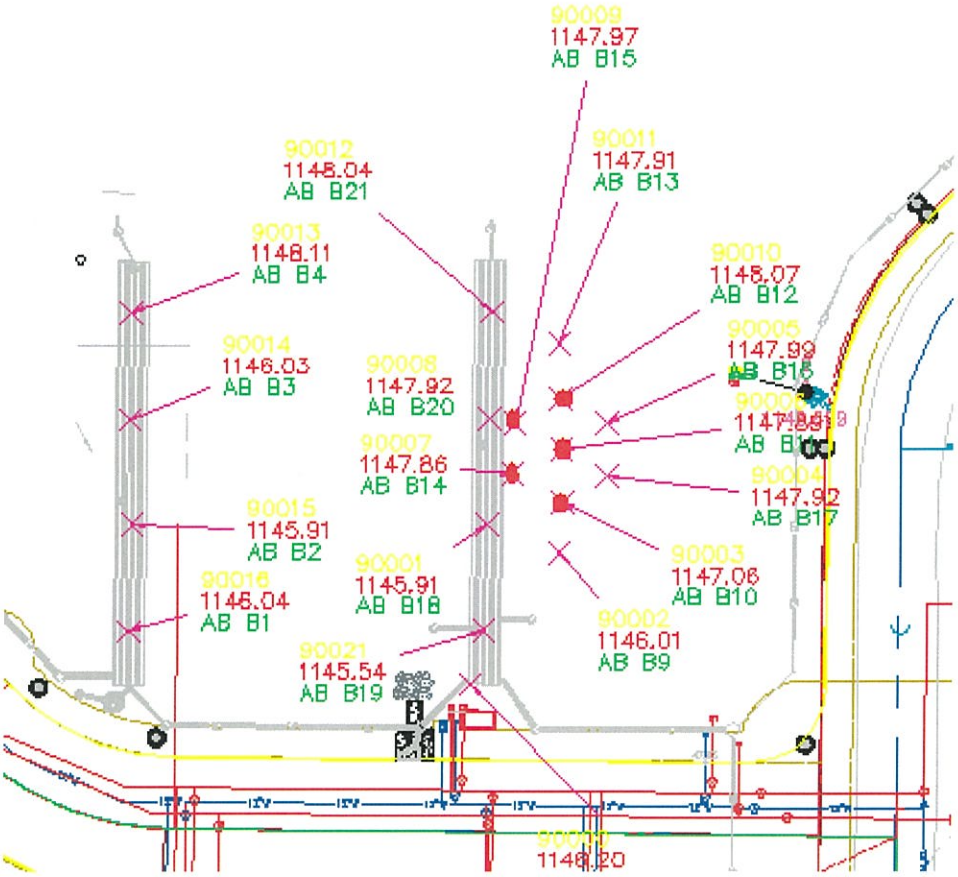
AIG Retirement Services, Inc.	
PCB Site Characterization Report	
Western Technologies Inc.	
Job No. 2188JF154	Date: 03/25/2009

Figure 2 – Boring Locations within the Trench Area,
Southeast, and Southwest Basins
Washington Park Corporate Center
Lot 3
Washington Street and 44th Street
Phoenix, Arizona



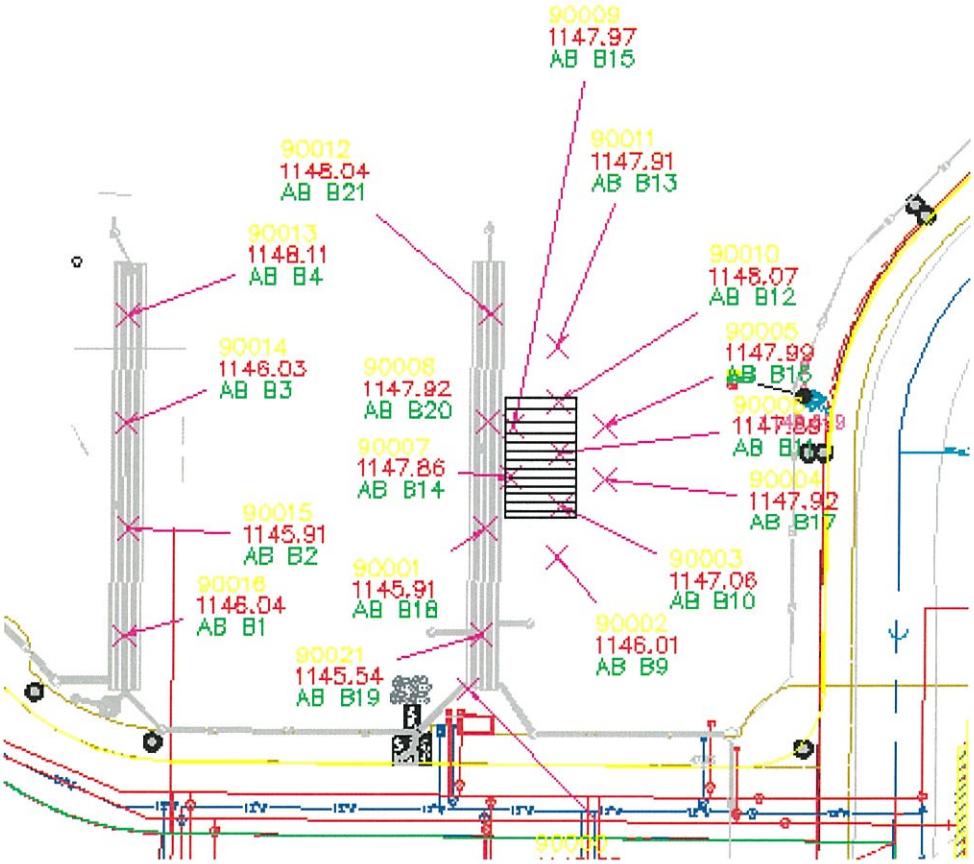
N	AIG Retirement Services, Inc.	
	PCB Site Characterization Report	
	Western Technologies Inc.	
Not to Scale	Job No. 2188JF154	Date: 03/25/2009

Figure 3 – Boring Locations with PCB concentration in the 1-10 ppm range (red dots)
Washington Park Corporate Center
Lot 3
Washington Street and 44th Street
Phoenix, Arizona



N	AIG Retirement Services, Inc.	
	PCB Site Characterization Report	
	Western Technologies Inc.	
Not to Scale	Job No. 2188JF154	Date: 03/25/2009

Figure 4 – Proposed Capping Area
(Hatched Rectangle)
Washington Park Corporate Center
Lot 3
Washington Street and 44th Street
Phoenix, Arizona



N	AIG Retirement Services, Inc.	
	PCB Site Characterization Report	
	Western Technologies Inc.	
Not to Scale	Job No. 2188JF154	Date: 03/25/2009

APPENDIX C:

SOIL BORING LOGS

DATE DRILLED: **11-14-08**
LOCATION: **See Map**

Boring NO. 1

ELEVATION: **1146.04'**
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: **J. Kannenberg**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	BLOWS/FT.	DEPTH (FEET)	USCS	SOIL DESCRIPTION
					SM	Silty SAND; tan,dry
B1-5	11.9	CA	36	5		**PCB < 25 μg/kg**
B1-10	25.0	CA	66	10		trace of gravel **PCB < 25 μg/kg**
B1-15	29.0	CA	50/3"	15		dense**PCB < 25 μg/kg**
B1-20	24.0	CA	50/4"	20		**PCB < 25 μg/kg**
						Boring stopped at 20.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
1

DATE DRILLED: **11-14-08**
LOCATION: **See Map**

Boring NO. 2

ELEVATION: **1145.91'**
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: **J. Kannenberg**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SM		Silty SAND; tan, dry
B2-5	1.0	CA		50/5"	5			with gravel, very dense, medium cementation **PCB < 25 μg/kg**
B2-10	5.4	CA		50/6"	10			**PCB < 25 μg/kg**
B3-15	1.8	CA		50/4"	15			**PCB < 25 μg/kg**
B4-20	9.5	CA		50/5"	20			decrease in gravel **PCB < 25 μg/kg**
								Boring stopped at 21.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE **2**

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: **11-14-08**
LOCATION: **See Map**

Boring NO. 3

ELEVATION: **1146.03'**
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: **J. Kannenberg**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SM		Silty SAND; with Gravel, tan, slightly damp, dense
B3-5	25.0	CA		59	5			**PCB < 25 μg/kg**
B3-10	35.0	CA		50/5"	10			light brown, very dense, light cementation **PCB < 25 μg/kg**
B3-15		CA		50/6"	15	GM		Silty GRAVEL; light brown, very dense **PCB < 25 μg/kg**
B3-20		CA		50/2"	20	SM		Silty SAND; with Gravel, light brown, very dense **PCB < 25 μg/kg**
								Boring stopped at 21.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
3

DATE DRILLED: **11-14-08**
LOCATION: **See Map**

Boring NO. 4

ELEVATION: **1148.11'**
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: **J. Kannenberg**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Clayey SAND; light brown, slightly damp
	0.7				5			
B4-10	0.5	CA	■	89	10	SM		Silty SAND; tan, very dense **PCB < 25 μg/kg**
B4-15	4.5	CA	■	50/6"	15			light cementation **PCB < 25 μg/kg**
B4-20	0.7	CA	■	50/2"	20			**PCB < 25 μg/kg**
								Boring stopped at 21.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
4

DATE DRILLED: **11-14-08**
LOCATION: **See Map**

Boring NO. 5

ELEVATION: **1150.93'**
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: **J. Kannenberg**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SM		Silty SAND; tan, slightly damp
B5-5	0.0	CA		43	5			medium dense **PCB < 25 μg/kg**
B5-10	0.0	CA		80	10			very dense **PCB < 25 μg/kg**
B5-15	0.2	CA		78	15			some gravel **PCB < 25 μg/kg**
B5-20	1.2	CA		50/6"	20	SP		Gravelly Sand; brown, very dense, slightly damp **PCB < 25 μg/kg** Boring stopped at 21.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE **5**

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 11-14-08
LOCATION: See Map

Boring NO. 6

ELEVATION: 1151.21'
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SM		Silty SAND; tan, slightly damp, light cementation
B6-5	1.0	CA		30	5			medium dense **PCB < 25 μg/kg**
B6-10	0.3	CA		69	10			dense **PCB < 25 μg/kg**
B6-15	0.3	CA		61	15	SP		Gravelly Sand; tan, dense, slightly damp **PCB < 25 μg/kg**
B6-20	1.5	CA		50/5"	20			light brown, very dense **PCB < 25 μg/kg**
								Boring stopped at 21.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

PLATE 6

BORING LOG

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: **11-18-06**
LOCATION: **See Map**

Boring NO. 7

ELEVATION: **1151.36'**
RIG/BORING TYPE: 7"HSA /ODEX
FIELD ENGINEER: **J. Kannenberg**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SM		Silty SAND; with Gravel, light brown, slightly damp
B7-5	0.4	CA		25	5			medium dense **PCB < 25 μg/kg**
B7-10	0.0	CA		50/3"	10	SP		Gravelly SAND; tan, very dense, slightly damp **PCB < 25 μg/kg**
								GRANITE Rock; moderately weathered, very fractured, hard
B7-15	0.0	Core		2 min/ft	15			**PCB < 25 μg/kg**
B7-20	0.0	Core		2 min/ft	20			**PCB < 25 μg/kg**
								Boring stopped at 21.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
7

DATE DRILLED: 11-19-08
LOCATION: See Map

Boring NO. 8

ELEVATION: NA
RIG/BORING TYPE: 7"HSA /ODEX
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SP		Gravelly Sand; light red, slightly damp
B8-5	1.0	CA		23	5			brown, medium dense, light cementation **PCB < 25 μg/kg**
B8-10	0.2	CA		60	10			**PCB < 25 μg/kg**
B8-15	0.0	CA		50/5"	15			very dense **PCB < 25 μg/kg**
								GRANITE Rock; moderately weathered, very fractured, moderately hard
B8-(21-22)	0.0	core		2 min/ft	20			hard **PCB < 25 μg/kg**
								Boring stopped at 22 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE 8

THIS INFORMATION APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 11-19-08
LOCATION: See Map

Boring NO. 9

ELEVATION: 1146.01'
RIG/BORING TYPE: 7"HSA /ODEX
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Silty Sand; with gravel, tan, medium dense
					5, 10			
B9-(15-16.6)	0.0	core		50/3"	15	SP		Gravelly SAND; tan, very dense, medium cementation **PCB < 25 μg/kg**
B9-(20-21.5)	0.0	core		2 min/ft	20			GRANITE Rock; very weathered, intensely fractured, moderately hard **PCB < 25 μg/kg**
B9-(26-26.50	0.0	core		3 min/ft	25			**PCB < 25 μg/kg**
								slightly weathered, moderately fractured, hard
B9-(31-31.50	0.0	core		4 min/ft	30			**PCB (1262) = 77 μg/kg**
B9-(36-36.5)	73.3	core		6 min/ft	35			very hard**PCB < 25 μg/kg**
B9-(41.5-42)	0.0	core			40			**PCB < 25 μg/kg**
								Boring stopped at 42 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
9

DATE DRILLED: 11-20/21-08
LOCATION: See Map

Boring NO. 10

ELEVATION: 1147.06'
RIG/BORING TYPE: ODEX
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Gravelly Sand, brown, slightly damp
					5, 10, 15			
					20	GM		Silty GRAVEL; brown, medium, medium cementation
B10-(24-24.5)	110.0	core	5 min/ft.		25			light brown, heavy cementation **PCB (1260) = 67 μg/kg**
								GRANITE Rock; reddish, moderately weathered, moderately fractured, hard
B10-(31-31.5)	23.5	core	4 min/ft		30			**PCB < 25 μg/kg**
B10-(36-36.5)	145.0	core	5 min/ft		35			slightly fractured **PCB (1260) = 410 μg/kg**
B10-(41-41.5)	90.0	core	5 min/ft		40			solid, very hard **PCB (1260) = 52 μg/kg**
								Boring stopped at 41.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project: Washington Park, Lot 3
Project NO.: 2188JF154

BORING LOG

PLATE 10

DATE DRILLED: 11-21-08
LOCATION: See Map

Boring NO. 11

ELEVATION: 1147.89'
RIG/BORING TYPE: ODEX
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Gravelly SAND; brown, damp
					5, 10, 15, 20			
						SP		Gravelly SAND; brown, light cementation, slight odor
B11-(26-26.5)	170.0	core		5 min/ft	25			moderate cementation **PCB (1260) = 2900 μg/kg**
B11-(31-31.5)	16.5	core		5 min/ft	30			**PCB (1260) = 1600 μg/kg**
B11-(36-36.5)	200.0	core		3 min/ft	35			GRANITE Rock; slightly weathered, solid, hard **PCB (1260) = 550 μg/kg**
B11-(41-41.5)	0.0	core		3 min/ft	40			**PCB < 25 μg/kg**
								Boring stopped at 41.5 feet besg

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

WESTERN TECHNOLOGIES INC.

Project: Washington Park, Lot 3
Project NO.: 2188JF154

BORING LOG

PLATE
11

DATE DRILLED: **11-24-08**
LOCATION: **See Map**

Boring NO. 12

ELEVATION: **1148.07'**
RIG/BORING TYPE: ODEX
FIELD ENGINEER: **J. Kannenberg**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Gravelly SAND; brown, medium dense, slightly damp
					5, 10, 15			
					20	GM		Silty GRAVEL; brown, very dense, medium cementation
B12-(26-26.5)	55.0	core		4 min/ft	25			**PCB (1260) = 590 μg/kg**
B12-(31-31.5)	0.5	core		5 min/ft	30			GRANITE Rock; slightly weathered, slightly fractured, hard **PCB < 25 μg/kg**
B12-(36-36.5)	0.5	core		6 min/ft	35			solid, very hard **PCB < 25 μg/kg**
B12-(41.41.5)	0.0	core		5 min/ft	40			**PCB < 25 μg/kg**
								Boring stopped at 41.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

WESTERN TECHNOLOGIES INC.

Project: Washington Park, Lot 3
Project NO.: 2188JF154

BORING LOG

PLATE **12**

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 11-25-08
LOCATION: See Map

Boring NO. 13

ELEVATION: 1147.91'
RIG/BORING TYPE: ODEX
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SP		Gravelly Sand; brown, medium dense, slightly damp
					5			
					10			
					15			dense, medium cementation
B13-(21-21.5)	0.0	core		4 min/ft	20			very dense, medium to heavy cementation **PCB < 25 μg/kg**
B13-(26-26.5)	0.0	core		2 min/ft	25			GRANITE Rock; red, moderately weathered, very fractured, moderately hard **PCB < 25 μg/kg**
B13-(31-31.5)	0.0	core		3 min/ft	30			moderately fractured **PCB < 25 μg/kg**
B13-(36-36.5)	0.0	core		3 min/ft	35			**PCB < 25 μg/kg**
B13-(41-41.5)	0.0	core		5 min/ft	40			solid, hard**PCB < 25 μg/kg**
								Boring stopped at 41.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
13

DATE DRILLED: **11-25-08**
LOCATION: **See Map**

Boring NO. 14

ELEVATION: **1147.86'**
RIG/BORING TYPE: ODEX
FIELD ENGINEER: **J. Kannenberg**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SP		Gravelly SAND; brown, medium dense, slightly damp
					5			
					10			
					15			
						GM		Silty GRAVEL; brown, very dense, medium cementation
B14-(21-21.5)	0.0	core		3 min/ft	20			**PCB (1260) = 110 μg/kg**
B14-(26-26.5)	0.9	core		4 min/ft	25			GRANITE; very weathered, intensily fractured, moderately hard **PCB (1260) = 1400 μg/kg**
B14-(31-31.5)	15.0	core		4 min/ft	30			**PCB (1260) = 390 μg/kg**
B14-(36-36.5)	140.0	core		4 min/ft	35			GRANITE Rock; red, moderately waethered and fractured, moderately hard **PCB (1260) = 79 μg/kg**
B14-(41-41.5)	70.0	core		4 min/ft	40			**PCB (1260) = 90 μg/kg**
								Boring stopped at 41.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE **14**

DATE DRILLED: 12-1-08
LOCATION: See Map

Boring NO. 15

ELEVATION: 1147.97'
RIG/BORING TYPE: ODEX
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SP		Gravelly SAND; brown, medium dense, slightly damp
					5, 10, 15			
						GM		Silty GRAVEL; brown, very dense, moderate cementation
					20			GRANITE; very weathered, intensely fractured, moderately hard
B15-(21-21.5)	0.2	core		3.5 min/ft				**PCB < 25 μg/kg**
B15-(26-26.5)	0.2	core		3.5 min/ft	25			**PCB < 25 μg/kg**
B15-(31-31.5)	0.5	core		3 min/ft	30			**PCB 1260 = 42 μg/kg**
B15-(36-36.5)	43.0	core		3 min/ft	35			slightly weathered, solid, hard **PCB (1260) = 1300 μg/kg**
B15-(41-41.5)	95.0	core		4 min/ft	40			**PCB (1260) = 430 μg/kg**
								Boring stopped at 41.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project: Washington Park, Lot 3
Project NO.: 2188JF154

BORING LOG

PLATE **15**

DATE DRILLED: 12-2-08
LOCATION: See Map

Boring NO. 16

ELEVATION: 1147.99'
RIG/BORING TYPE: ODEX
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Gravelly SAND; brown, medium dense, slightly damp
					5	SP		Gravelly SAND
					10			
						GM		Silty GRAVEL; light tan, very dense, medium cementation
					15			
B16-(16-16.5)	0.0	core		3.5 min/ft				moderate cmentation **PCB < 25 μg/kg**
					20			
B16-(21-21.5)	0.1	core		5 min/ft				**PCB < 25 μg/kg**
					25			
B16-(26-26.5)	0.0	core		3.5 min/ft				GRANITE; light red, very weathered, intensely fractured, moderately hard **PCB < 25 μg/kg**
					30			
B16-(31-31.5)	0.2	core		5 min/ft				slightly weathered, moderately fractured, hard **PCB < 25 μg/kg**
					35			
B16-(36-36.5)	0.2	core		5 min/ft				**PCB < 25 μg/kg**
					40			
B16-(41-41.5)	0.2	core		5 min/ft				intensily fractured **PCB < 25 μg/kg**
								Boring stopped at 41.5 feet besg

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
16

DATE DRILLED: 12-2/3-08
LOCATION: See Map

Boring NO. 17

ELEVATION: 1147.92'
RIG/BORING TYPE: ODEX
FIELD ENGINEER: J. Kannenberg

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Gravelly SAND; brown, medium dense, slightly dampGravelly SAND
					5	SP		Gravelly SAND
					10			
B17-(16-16.5)	0.2	core		3min/ft	15	GM		Silty GRAVEL; brown, very dense, medium cementation **PCB < 25 μg/kg**
B17-(21-21.5)	0.2	core		5 min/ft	20			**PCB < 25 μg/kg**
B17-(26-26.5)	0.1	core		2.5 min/ft	25			**PCB < 25 μg/kg**
B17-(31-31.5)	0.2	core		11 min/ft	30			GRANITE; very weathered, intensely fractured, moderately hard **PCB < 25 μg/kg**
B17-(36-36.5)	0.2	core		10 min/ft	35			moderately weathered, slightly fractured, hard **PCB < 25 μg/kg**
B17-(41-41.5)	0.2	core		10 min/ft	40			**PCB < 25 μg/kg**
								Boring stopped at 41.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
17

DATE DRILLED: 12-3-08
LOCATION: See Map

Boring NO. 18

ELEVATION: 1145.91'
RIG/BORING TYPE: ODEX
FIELD ENGINEER: G. Wnenta

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
					5			Fill; Gravelly SAND; brown, medium dense, slightly damp
B18-(10')	0.2	CA		50/6"	10	SP		Gravelly SAND; brown, very dense, slightly damp **PCB < 25 μg/kg**
B18-(15')	0.4	CA		50/5"	15			medium cementation, tan **PCB < 25 μg/kg**
B18-(21-21.5)	0.3	core		4 min/ft	20	GM		Silty GRAVEL; light brown, very dense, heavy cementation **PCB < 25 μg/kg**
B18-(26-26.5)	0.2	core		4 min/ft	25			**PCB < 25 μg/kg**
B18-(31-31.5)	0.2	core		min/inch	30			GRANITE; light red, very weathered and fractured, hard **PCB < 25 μg/kg**
B18-(36-36.5)	62.9	core		3 min/ft	35			Moderately Weathered and Fractured Granite, odor **PCB1260 = 920 μg/kg**
B18-(41-41.5)	1.5	core		5 min/ft	40			Slightly Weathered and Fractured **PCB < 25 μg/kg**
								Boring stopped at 41.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project: Washington Park, Lot 3
Project NO.: 2188JF154

BORING LOG

PLATE 18

DATE DRILLED: 12-4-08
LOCATION: See Map

Boring NO. 19

ELEVATION: 1146.20'
RIG/BORING TYPE: ODEX
FIELD ENGINEER: G. Wnenta

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Gravelly Silty SAND; brown, medium dense, slightly damp
					5			
B19-(10')	0.4	CA		98	10	SM		Silty SAND; with gravel, tan, very dense, slightly damp, light to medium cementation **PCB < 25 μg/kg**
				NA	15			
B19-(21-21.5)	0.3	core		4 min/ft	20	GM		Silty GRAVEL; tan, very dense, medium cementation **PCB < 25 μg/kg**
B19-(26-26.5)	0.2	core		3 min/ft	25			heavy cementation **PCB < 25 μg/kg**
B19-(31-31.5)	0.2	core		4 min/ft	30			**PCB < 25 μg/kg**
B19-(36-36.5)	0.2	core		4 min/ft	35			Moderately to Slightly Weathered and Fractured Granite, red **PCB < 25 μg/kg**
B19-(41-41.5)	0.2	core		4 min/ft	40			**PCB < 25 μg/kg**
								Boring stopped at 41.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project: Washington Park, Lot 3
Project NO.: 2188JF154

BORING LOG

PLATE
19

DATE DRILLED: 12-8-08
LOCATION: See Map

Boring NO. 20

ELEVATION: 1147.92'
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: G.Wnenta

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill: Gravelly Silty Sand; trace of Cobble, tan
B20-(5-5.5)	1.6	CA		31	5	SP		Gravelly SAND; with silt, and gravel, tan, medium dense, light cementation **PCB < 25 μg/kg**
B20-(10-10.5)	1.4	CA		44	10			light to medium cementation **PCB < 25 μg/kg**
B20-(15-15.5)	1.2	CA		65	15			dense **PCB < 25 μg/kg**
B20-(20-20.5)	2.1	CA		50/5"	20	GM		Silty GRAVEL; tan, very dense, medium cementation **PCB < 25 μg/kg**
								Boring stopped at 21.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
20

DATE DRILLED: 12-8-08
LOCATION: See Map

Boring NO. 21

ELEVATION: 1148.04'
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: G.Wnenta

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SP		Gravelly Silty SAND; trace Cobbles, tan, medium dense, slightly damp
								very dense, light cementation
B20-(5-5.5)	0.2	CA		50/5"	5			**PCB < 25 μg/kg**
B20-(10-10.5)	0.2	CA		85	10			medium cementation **PCB < 25 μg/kg**
B20-(15-15.5)	0.4	CA		50/5"	15			**PCB < 25 μg/kg**
B20-(20-20.5)	0.8	CA		50/5"	20			medium to heavy cementation **PCB < 25 μg/kg**
								Boring stopped at 21.5 feet besg

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE 21

DATE DRILLED: **12-8-08**
LOCATION: **See Map**

Boring NO. 22

ELEVATION: **1152.64'**
RIG/BORING TYPE: CME 55 /7"HSA
FIELD ENGINEER: **G.Wnenta**

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
						SP		Silty SAND; trace Cobbles, brown, medium dense, slightly damp
								light cementation, tan
B22-(5-5.5)	0.1	CA		78	5			very dense **PCB < 25 μg/kg**
B22-(10-10.5)	0.2	CA		76	10			dense, light cementation **PCB < 25 μg/kg**
B22-(15-15.5)	0.3	CA		62	15			**PCB < 25 μg/kg**
B22-(20-20.5)	0.6	CA		50/6"	20			medium cementation **PCB < 25 μg/kg**
								Boring stopped at 21.5 feet besg

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE
22

DATE DRILLED: 12-5-08
LOCATION: See Map

NO. Vapor Well

ELEVATION:
RIG/BORING TYPE: ODEX
FIELD ENGINEER: G. Wnenta

SAMPLE I.D.	OVM SCREENING RESULTS (ppm)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
								Fill; Gravelly SAND
					5	SP		Gravelly SAND; brown, dense, light cementation
								light cementation
					10	GM		Silty GRAVEL; brown, very dense, medium cementation
					15			
					20			medium to heavy cementation
					25			GRANITE Rock; very weathered, intensely fractured, moderately hard
					30			
					35			moderately weathered, hard
					40			
					45			boring stopped at 45 feet begs

N- STANDARD PENETRATION TEST
R- RING SAMPLE
CA- CALIFORNIA MODIFIED SAMPLE
G- GRAB SAMPLE
BN- BULL NOSE

NOTES:

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

WESTERN TECHNOLOGIES INC.

Project:Washington Park, Lot 3
Project NO.:2188JF154

BORING LOG

PLATE 23

APPENDIX D:

INVESTIGATION-DERIVED WASTE DOCUMENTS

liquid ENVIRONMENTAL SOLUTIONS

LIQUID ENVIRONMENTAL SOLUTIONS

NON-HAZARDOUS WASTE MANIFEST

45883

Profile Number
#1962546

Generator Name	Name: ERI Phone: (602) 757-7888	Generator Address	Address: 44TH ST. & WASHINGTON City: PHX State: ____ Zip: ____

Check with your state and local regulatory agencies for manifest retention requirements. NOTE: Many regulatory agencies require records to be kept on-site and available to review for up to 3 years.

Waste Type	☐ Grease Trap ☒ Grit Trap ☐ Septic/Chemical Toilet ☐ Non-Industrial ☐ Industrial ☐ Special

I certify that the waste material removed from the above premises does not contain any radioactive, flammable, explosive, toxic or hazardous material ("Excluded Waste"). The term "hazardous material" is defined as any one or more pollutant, toxic substance, hazardous substance, solvent or oil as defined in or pusuant to the Resource Conservation and Recovery Act, the Comprehensive Environmental Response Compensation and Liability Act, the Federal Clean Water Act, or any other federal, state or local environmental law, regulation, ordinance, or rule, whether existing as of the date of this agreement or subsequently enacted. I also acknowledge that the Generator shall be responsible for any costs incurred by the Transporter or Disposal Facility in handling or proper disposal of any hazardous waste and that the Generator expressly agrees to defend, indemnify and hold harmless the Transporter from and against any and all damages, costs, fines and liabilities resulting from or arising out of any such hazardous waste.

Generator Rep. Name (please print)	Danny	Generator Rep. Signature	[signature]
Transporter Name	Name: Overlys Phone: ( )	Transporter Address	Address: 10616 S LINDSAY City: GILBERT State: AZ Zip: ____

Waste Removed (Gallons)	1000	Date	Time
		2-20-09	

I certify that the information above is accurate, and that only the waste certified for removal by the Generator is contained in the servicing vehicle. I am aware that falsification of this manifest may result in prosecution.

Driver Name (please print)	Eli S.	Driver Signature	[signature]

Disposal Facility	Liquid Environmental Solutions of Arizona	Address	5159 West Van Buren Street Phoenix, AZ 85043

Waste Received (Gallons)	1000	Date	Time
		2-20-09	
Facility Rep. Name (please print)	Kevin Brandt	Facility Rep. Signature	K Brandt

WHITE - Generator Final Copy YELLOW - Liquid Environmental Solutions Copy GOLDENROD - Transporter Copy PINK - Generator 1st Copy

O/A **Southwest Regional Landfill**
24427 S. Highway 85
Buckeye, Arizona 85326
Tel: (623) 393-0085
(An Allied Waste Industries Operation)

SITE	TICKET	GRID

WEIGHMASTER: 01 261029

DATE IN	TIME IN
RM00120 ROSEANNA M	
DATE OUT: 11 March 2009	TIME OUT: 2:03 pm
VEHICLE: 11 March 2009	ROLL OFF: 2:03 pm
REFERENCE: ERI 20	ORIGIN

001099
ENVIRONMENTAL RESPONSE INC.
STACY BOYLES
TEMPE, AZ 85281

~~Contract: #755Y98395~~

11.00	DR	SW-CONT SC			

ALLIED WASTE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Manifest:

SIGNATURE Luis A. Valdez

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	AZD093660512	1	800-535-5053	99067 (2)

5. Generator's Name and Mailing Address
AIG Retirement Services -
4800 N Scottsdale Rd, suite 1200
Phoenix, AZ 85251
Generator's Phone: 480 344-2904

Generator's Site Address (if different than mailing address)
Trillium/Washington P.
44th St & Washington St
Phoenix, AZ 85008

6. Transporter 1 Company Name: ENVIRONMENTAL RESPONSE INC — U.S. EPA ID Number: AZ0000303032

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Southwest Regional Landfill
24427 S Highway 85
Buckeye, AZ 85326
Facility's Phone: 623-393-0085
U.S. EPA ID Number: AZR000042184

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non REGULATED MATERIAL(Soil)	011	DM	1800	P
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
1) 752Y92395
CD Required ERI# 20-099067-3

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Humberto F. Preciado w/ATI — Signature: [signature] — Month 03 Day 11 Year 09

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Luis Valdez — Signature: Luis A. Valdez — Month 03 Day 11 Year 09

Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: R. Martin — Signature: R. Martin — Month 03 Day 11 Year 09

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

O/A: **Southwest Regional Landfill**
24427 S. Highway 85
Buckeye, Arizona 85326
Tel: (623) 393-0085
(An Allied Waste Industries Operation)

SITE	TICKET	GRID
01	261009	WEIGHMASTER
DATE IN RM00120 ROSEANNA M		TIME IN
DATE OUT 11 March 2009		TIME OUT 12:23 pm
VEHICLE 11 March 2009		ROLL OFF 12:23 pm
REFERENCE ERI 20	ORIGIN	

001099
ENVIRONMENTAL RESPONSE INC.
STACY BOYLES
TEMPE, AZ 85281

Contract: #755Y92395

14.00	DR	SW-CONT SO			

ALLIED WASTE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Manifest:

SIGNATURE Luis A. Valdez

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: AZD093660512
2. Page 1 of 1
3. Emergency Response Phone: 800-535-5053
4. Waste Tracking Number: 99067 (1)

5. Generator's Name and Mailing Address
AIG Retirement Services -
4800 N Scottsdale Rd, suite 1200
Phoenix, AZ 85251
Generator's Phone: 480 344-2904

Generator's Site Address (if different than mailing address)
Trillium/Washington P
44th St & Washington St
Phoenix, AZ 85008

6. Transporter 1 Company Name: ENVIRONMENTAL RESPONSE INC — U.S. EPA ID Number: AZ0000303032

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Southwest Regional Landfill
24427 S Highway 85
Buckeye, AZ 85326
Facility's Phone: 623-393-0085
U.S. EPA ID Number: AZR000042184

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non REGULATED MATERIAL (Soil)	014	DM	2500	P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1) 752Y92395
CD Required ERI# 20-099067-3

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: HUMBERTO F. PREGIADO W/WTI — Signature: [signature] — Month 03 Day 11 Year 09

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Luis Valdez — Signature: Luis A. Valdez — Month 03 Day 11 Year 09
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: R. Martin — Signature: R. Martin — Month 3 Day 11 Year 09

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

TRANSPORTER #1

169-BLC-O 6 10498 (Rev. 8/06)

Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5497
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

VOLATILE ORGANICS BY GC/MS (EPA 8260B)

Sample Description: Water

Sampled:		---	11/19/08	11/19/08
Received:		---	11/19/08	11/19/08
Analyzed:		11/21/08	11/21/08	11/21/08
Reported:		12/04/08	12/04/08	12/04/08
Lab Sample #:		MBHN1121081	AZ5497-001	AZ5497-002
Client Sample #:		---	WS-1	WD-1
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/L***	***µg/L***	***µg/L***
Acetone	67-64-1	<10	<10	<10
Benzene	71-43-2	<1.0	<1.0	<1.0
Bromobenzene	108-86-1	<1.0	<1.0	<1.0
Bromochloromethane	74-97-5	<1.0	<1.0	<1.0
Bromodichloromethane	75-27-4	<1.0	16	<1.0
Bromoform	75-25-2	<1.0	<1.0	<1.0
Bromomethane	74-83-9	<5.0	<5.0	<5.0
n-Butylbenzene	104-51-8	<1.0	<1.0	<1.0
sec-Butylbenzene	135-98-8	<1.0	<1.0	<1.0
tert-Butylbenzene	98-06-6	<1.0	<1.0	<1.0
Carbon tetrachloride	56-23-5	<1.0	<1.0	<1.0
Chlorobenzene	108-90-7	<1.0	<1.0	<1.0
Chlorodibromomethane	124-48-1	<1.0	7.9	<1.0
Chloroethane	75-00-3	<5.0	<5.0	<5.0
Chloroform	67-66-3	<1.0	30	1.8
Chloromethane	74-87-3	<5.0	<5.0	<5.0
2-Chlorotoluene	95-49-8	<1.0	<1.0	<1.0
4-Chlorotoluene	106-43-4	<1.0	<1.0	<1.0
1,2-Dibromoethane	106-93-4	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	95-50-1	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	541-73-1	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	106-46-7	<1.0	<1.0	<1.0
1,1-Dichloroethane	75-34-3	<1.0	<1.0	<1.0
1,2-Dichloroethane	107-06-2	<1.0	<1.0	<1.0
1,1-Dichloroethene	75-35-4	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	156-59-2	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	156-60-5	<1.0	<1.0	<1.0
Dichlorodifluoromethane	75-71-8	<2.0	<2.0	<2.0
1,2-Dichloropropane	78-87-5	<1.0	<1.0	<1.0
1,3-Dichloropropane	142-28-9	<1.0	<1.0	<1.0
2,2-Dichloropropane	594-20-7	<1.0	<1.0	<1.0

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VOLATILE ORGANICS BY GC/MS (EPA 8260B) (continued)

Laboratory Reference #: WES AZ5497
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

Sampled:		---	11/19/08	11/19/08
Received:		---	11/19/08	11/19/08
Analyzed:		11/21/08	11/21/08	11/21/08
Reported:		12/04/08	12/04/08	12/04/08
Lab Sample #:		MBHN1121081	AZ5497-001	AZ5497-002
Client Sample #:		---	WS-1	WD-1
Dilution Factor:		1	1	1
ANALYTE (con't)	***CAS #***	***µg/L***	***µg/L***	***µg/L***
1,1-Dichloropropene	563-58-6	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	10061-01-5	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	10061-02-6	<1.0	<1.0	<1.0
Ethylbenzene	100-41-4	<1.0	<1.0	<1.0
Isopropylbenzene	98-82-8	<1.0	<1.0	<1.0
4-Isopropyltoluene	99-87-6	<1.0	<1.0	<1.0
Methyl t-butyl ether (MTBE)	1634-04-4	<1.0	<1.0	<1.0
Naphthalene	91-20-3	<3.0	<3.0	<3.0
n-Propylbenzene	103-65-1	<1.0	<1.0	<1.0
Styrene	100-42-5	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79-34-5	<1.0	<1.0	<1.0
Tetrachloroethene	127-18-4	<1.0	<1.0	<1.0
Toluene	108-88-3	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	87-61-6	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	71-55-6	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	79-00-5	<1.0	<1.0	<1.0
Trichloroethene	79-01-6	<1.0	<1.0	<1.0
Trichlorofluoromethane	75-69-4	<2.0	<2.0	<2.0
1,2,3-Trichloropropane	96-18-4	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	95-63-6	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	108-67-8	<1.0	<1.0	<1.0
Vinyl chloride	75-01-4	<2.0	<2.0	<2.0
Xylenes, Total	1330-20-7	<2.0	<2.0	<2.0
Acceptable Surrogate %RC		***%RC***	***%RC***	***%RC***
Dibromofluoromethane	48-143%	103	106	102
Toluene-d8	68-130%	98	98	100
4-Bromofluorobenzene	64-130%	107	107	102

INIT

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Analysis : 12/03/08
Laboratory Sample No : GY1124081
Laboratory Reference No : WES AZ5497

ANALYTE	*R1*	*SP CONC*	*LCS*	*LCSD*	*%LCS*	*%LCSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	10	4.4	3.2	44	32	32	23-140	33
PCB-1260	0.0	10	4.5	3.4	45	34	28	D-185	39

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
LCS	Laboratory Control Sample Results
LCSD	Laboratory Control Sample Duplicate Results
% LCS	Percent Recovery Of LCS: {(LCS-R1) / SP} x100
% LCSD	Percent Recovery Of LCSD: {(LCSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP%	Acceptable Range of Percent for LCS/LCSD
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero

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QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting Units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 11/21/08
Laboratory Sample No : AZ5497-001
Laboratory Reference No : WES AZ5497

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
1,1-Dichloroethene	0.0	50	55	46	110	92	18	41-130	23
Benzene	0.0	50	46	47	92	94	2	70-130	15
Trichloroethene	0.0	50	49	49	98	98	0	70-130	15
Toluene	0.0	50	45	45	90	90	0	70-137	17
Chlorobenzene	0.0	50	53	53	106	106	0	70-130	16

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 11/21/08
Laboratory Sample No : HN1121081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
1,1-Dichloroethene	50	43	86	47-130
Benzene	50	46	92	70-130
Trichloroethene	50	50	100	70-130
Toluene	50	45	90	70-130
Chlorobenzene	50	52	104	70-130

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QA/QC REPORT
for
Polynuclear Aromatic Hydrocarbons (EPA 8310)
Reporting units: ppb

1. **Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)**

Date of Analysis : 11/25/08
Laboratory Sample No : IN1124082
Laboratory Reference No : WES AZ5497

ANALYTE	*R1*	*SP CONC*	*LCS*	*LCSD*	*%LCS*	*%LCSD*	*RPD*	*ACP%*	*ACP RPD*
Acenaphthene	0.0	0.25	0.215	0.234	86	94	8	34-122	28
Anthracene	0.0	0.25	0.208	0.214	83	86	3	43-120	35
Pyrene	0.0	0.25	0.276	0.249	110	100	10	47-122	27
Chrysene	0.0	0.25	0.232	0.233	93	93	0	57-120	22
Benzo(a)pyrene	0.0	0.25	0.247	0.268	99	107	8	55-120	27

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
LCS	Laboratory Control Sample Results
LCSD	Laboratory Control Sample Duplicate Results
% LCS	Percent Recovery Of LCS: {(LCS-R1) / SP} x100
% LCSD	Percent Recovery Of LCSD: {(LCSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP%	Acceptable Range of Percent for LCS/LCSD
ACP RPD	Acceptable Relative Percent Difference

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Analysis Request and Chain of Custody Record

ORANGE COAST ANALYTICAL, INC. www.ocalab.com
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Lab Job No: AZ5497
Page 1 of 1

REQUIRED TAT: Standard

PROJECT INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3737 E. Broadway Rd
Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT NAME: Trillion Subsurface Assessment
NUMBER: 2188JF154
ADDRESS:
PO #:
SAMPLED BY: Josh Kannenberg

ANAYSIS / CONTAINER / PRESERVATIVE

SAMPLE	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PCBs 8082	VOCs 8260	PAHs 8310		
WS-1	4	11-19-08	1450	Water	X	X	X	AZ5497-001	Water Source
WD-1	4	11-19-08	1502	Water	X	X	X	-002	Decon DI Water

Total No. of Samples: 2

Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	11-19-08 1738	[signature]	11/19/08 1738
[signature]	11/19/08 1800		
		Received For Lab By: [signature]	11/21/08 0930

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 2 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

Analysis Request and Chain of Custody Record

Lab Job No: AZ5494
Page 1 of 1

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CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Reggnini
ADDRESS: 3737 E. Broadway Rd
Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER: 2188 5F154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANALYSIS / CONTAINER / PRESERVATIVE: PCBs 8082	VOCs 8260	PAHs 8310							REMARKS / PRECAUTIONS
WS-1	4	11-19-08	1450	Water	X	X	X		AZ5497-001					Water Source
WD-1	4	11-19-08	1502	Water	X	X	X			-002				Decon DI Water

Total No. of Samples: 2
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	11-19-08 1738	[signature]	11/19/08 1738
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 2 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5510

Project Name: Trillium Subsurface Assessment

Project Number.: 2188JF154

Sample Matrix: Water

Date Sampled: 11/24/08
Date Received: 11/24/08
Date Reported: 12/02/08

Chain of Custody Received: Yes

Analytical Method: 8082, 8260B, 8310

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5510
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Water

Sampled:		---	11/24/08	11/24/08
Received:		---	11/24/08	11/24/08
Extracted:		11/26/08	11/26/08	11/26/08
Analyzed:		12/01/08	12/01/08	12/01/08
Reported:		12/02/08	12/02/08	12/02/08
Lab Sample #:		MBME1126083	AZ5510-001	AZ5510-002
Client Sample #:		---	WS-2	WD-2
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/L***	***µg/L***	***µg/L***
PCB-1016	12674-11-2	<5.0	<5.0	<5.0
PCB-1221	11104-28-2	<5.0	<5.0	<5.0
PCB-1232	11141-16-5	<5.0	<5.0	<5.0
PCB-1242	53469-21-9	<5.0	<5.0	<5.0
PCB-1248	12672-29-6	<5.0	<5.0	<5.0
PCB-1254	11097-69-1	<5.0	<5.0	<5.0
PCB-1260	11096-82-5	<5.0	<5.0	<5.0
PCB-1262	37324-23-5	<5.0	<5.0	<5.0
Acceptable Surrogate %RC		***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	25-247%	42	41	27

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5510
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

VOLATILE ORGANICS BY GC/MS (EPA 8260B)

Sample Description: Water

Sampled:		---	11/24/08	11/24/08
Received:		---	11/24/08	11/24/08
Analyzed:		12/01/08	12/01/08	12/01/08
Reported:		12/02/08	12/02/08	12/02/08
Lab Sample #:		MBHN1201081	AZ5510-001	AZ5510-002
Client Sample #:		---	WS-2	WD-2
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/L***	***µg/L***	***µg/L***
Acetone	67-64-1	<10	<10	240
Benzene	71-43-2	<1.0	<1.0	<1.0
Bromobenzene	108-86-1	<1.0	<1.0	<1.0
Bromochloromethane	74-97-5	<1.0	<1.0	<1.0
Bromodichloromethane	75-27-4	<1.0	19	<1.0
Bromoform	75-25-2	<1.0	1.3	<1.0
Bromomethane	74-83-9	<5.0	<5.0	<5.0
n-Butylbenzene	104-51-8	<1.0	<1.0	<1.0
sec-Butylbenzene	135-98-8	<1.0	<1.0	<1.0
tert-Butylbenzene	98-06-6	<1.0	<1.0	<1.0
Carbon tetrachloride	56-23-5	<1.0	<1.0	<1.0
Chlorobenzene	108-90-7	<1.0	<1.0	<1.0
Chlorodibromomethane	124-48-1	<1.0	11	<1.0
Chloroethane	75-00-3	<5.0	<5.0	<5.0
Chloroform	67-66-3	<1.0	27	0.89
Chloromethane	74-87-3	<5.0	<5.0	<5.0
2-Chlorotoluene	95-49-8	<1.0	<1.0	<1.0
4-Chlorotoluene	106-43-4	<1.0	<1.0	<1.0
1,2-Dibromoethane	106-93-4	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	95-50-1	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	541-73-1	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	106-46-7	<1.0	<1.0	<1.0
1,1-Dichloroethane	75-34-3	<1.0	<1.0	<1.0
1,2-Dichloroethane	107-06-2	<1.0	<1.0	<1.0
1,1-Dichloroethene	75-35-4	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	156-59-2	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	156-60-5	<1.0	<1.0	<1.0
Dichlorodifluoromethane	75-71-8	<2.0	<2.0	<2.0
1,2-Dichloropropane	78-87-5	<1.0	<1.0	<1.0
1,3-Dichloropropane	142-28-9	<1.0	<1.0	<1.0
2,2-Dichloropropane	594-20-7	<1.0	<1.0	<1.0

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VOLATILE ORGANICS BY GC/MS (EPA 8260B) (continued)

Laboratory Reference #: WES AZ5510
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

Sampled:		---	11/24/08	11/24/08
Received:		---	11/24/08	11/24/08
Analyzed:		12/01/08	12/01/08	12/01/08
Reported:		12/02/08	12/02/08	12/02/08
Lab Sample #:		MBHN1201081	AZ5510-001	AZ5510-002
Client Sample #:		---	WS-2	WD-2
Dilution Factor:		1	1	1
ANALYTE (con't)	***CAS #***	***µg/L***	***µg/L***	***µg/L***
1,1-Dichloropropene	563-58-6	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	10061-01-5	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	10061-02-6	<1.0	<1.0	<1.0
Ethylbenzene	100-41-4	<1.0	<1.0	<1.0
Isopropylbenzene	98-82-8	<1.0	<1.0	<1.0
4-Isopropyltoluene	99-87-6	<1.0	<1.0	<1.0
Methyl t-butyl ether (MTBE)	1634-04-4	<1.0	<1.0	<1.0
Naphthalene	91-20-3	<3.0	<3.0	<3.0
n-Propylbenzene	103-65-1	<1.0	<1.0	<1.0
Styrene	100-42-5	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79-34-5	<1.0	<1.0	<1.0
Tetrachloroethene	127-18-4	<1.0	<1.0	<1.0
Toluene	108-88-3	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	87-61-6	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	71-55-6	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	79-00-5	<1.0	<1.0	<1.0
Trichloroethene	79-01-6	<1.0	<1.0	<1.0
Trichlorofluoromethane	75-69-4	<2.0	<2.0	<2.0
1,2,3-Trichloropropane	96-18-4	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	95-63-6	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	108-67-8	<1.0	<1.0	<1.0
Vinyl chloride	75-01-4	<2.0	<2.0	<2.0
Xylenes, Total	1330-20-7	<2.0	<2.0	<2.0
Acceptable Surrogate %RC		***%RC***	***%RC***	***%RC***
Dibromofluoromethane	48-143%	88	95	93
Toluene-d8	68-130%	90	88	87
4-Bromofluorobenzene	64-130%	108	114	110

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5510
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYNUCLEAR AROMATIC HYDROCARBONS BY HPLC (EPA 8310)

Sample Description: Water

Sampled:		—	11/24/08	11/24/08
Received:		—	11/24/08	11/24/08
Extracted:		12/01/08	12/01/08	12/01/08
Analyzed:		12/02/08	12/02/08	12/02/08
Reported:		12/02/08	12/02/08	12/02/08
Lab Sample #:		MBYL1201081	AZ5510-001	AZ5510-002
Client Sample #:		—	WS-2	WD-2
Dilution Factor:		1	1	1
Data Qualifier:			S6	S6
ANALYTE	***CAS #***	***µg/L***	***µg/L***	***µg/L***
Acenaphthene	83-32-9	<0.05	<0.05	<0.05
Acenaphthylene	208-96-8	<0.05	<0.05	<0.05
Anthracene	120-12-7	<0.05	<0.05	<0.05
Benz(a)anthracene	56-55-3	<0.05	<0.05	<0.05
Benzo(a)pyrene	50-32-8	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	205-99-2	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	207-08-9	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	191-24-2	<0.05	<0.05	<0.05
Chrysene	218-01-9	<0.05	<0.05	<0.05
Dibenz(a,h)anthracene	53-70-3	<0.05	<0.05	<0.05
Fluoranthene	206-44-0	<0.05	<0.05	<0.05
Pyrene	129-00-0	<0.05	<0.05	<0.05
Fluorene	86-73-7	<0.05	<0.05	<0.05
Phenanthrene	85-01-8	<0.05	<0.05	<0.05
Indeno(1,2,3-cd)pyrene	193-39-5	<0.05	<0.05	<0.05
Naphthalene	91-20-3	<0.05	<0.05	<0.05
Acceptable Surrogate %RC		***%RC***	***%RC***	***%RC***
Nitrobenzene-d5	32-143%	76	Matrix	Matrix

S6 = Surrogate recovery was below laboratory and method acceptance limits.
Reextraction and/or reanalysis confirms low recovery caused by matrix effect.

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Analysis : 12/02/08
Laboratory Sample No : ME1126082
Laboratory Reference No : WES AZ5510

ANALYTE	*R1*	*SP CONC*	*LCS*	*LCSD*	*%LCS*	*%LCSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	10	5.6	5.2	56	52	7	23-140	33
PCB-1260	0.0	10	5.6	4.8	56	48	15	D-185	39

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
LCS	Laboratory Control Sample Results
LCSD	Laboratory Control Sample Duplicate Results
% LCS	Percent Recovery Of LCS: {(LCS-R1) / SP} x100
% LCSD	Percent Recovery Of LCSD: {(LCSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP%	Acceptable Range of Percent for LCS/LCSD
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero

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QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting Units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/01/08
Laboratory Sample No : 16780-001
Laboratory Reference No : WES AZ5510

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
1,1-Dichloroethene	0.0	50	52	54	104	108	4	41-130	23
Benzene	0.0	50	46	45	92	90	2	70-130	15
Trichloroethene	0.0	50	53	53	106	106	0	70-130	15
Toluene	0.0	50	42	42	84	84	0	70-137	17
Chlorobenzene	0.0	50	52	52	104	104	0	70-130	16

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/01/08
Laboratory Sample No : HN1201081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
1,1-Dichloroethene	50	45	90	47-130
Benzene	50	45	90	70-130
Trichloroethene	50	53	106	70-130
Toluene	50	43	86	70-130
Chlorobenzene	50	53	106	70-130

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QA/QC REPORT
for
Polynuclear Aromatic Hydrocarbons (EPA 8310)
Reporting units: ppb

1. Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Analysis : 12/02/08
Laboratory Sample No : YL1201081
Laboratory Reference No : WES AZ5510

ANALYTE	*R1*	*SP CONC*	*LCS*	*LCSD*	*%LCS*	*%LCSD*	*RPD*	*ACP%*	*ACP RPD*
Acenaphthene	0.0	0.25	0.244	0.249	98	100	2	34-122	28
Anthracene	0.0	0.25	0.222	0.233	89	93	5	43-120	35
Pyrene	0.0	0.25	0.225	0.248	90	99	10	47-122	27
Chrysene	0.0	0.25	0.252	0.241	101	96	4	57-120	22
Benzo(a)pyrene	0.0	0.25	0.297	0.284	119	114	4	55-120	27

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
LCS	Laboratory Control Sample Results
LCSD	Laboratory Control Sample Duplicate Results
% LCS	Percent Recovery Of LCS: {(LCS-R1) / SP} x100
% LCSD	Percent Recovery Of LCSD: {(LCSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP%	Acceptable Range of Percent for LCS/LCSD
ACP RPD	Acceptable Relative Percent Difference

INIT____

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5510
Page 1 of 1

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CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3737 E. Broadway Rd.
Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER: 2188SF154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PCBs 8082	VOCs 8260	PAHs 8310							REMARKS / PRECAUTIONS
WS-2	4	11-24-08	1210	Water	X	X	X							AZ5510-001
WD-2	4	11-24-08	1222	Water	X	X	X							-002

Total No. of Samples: 2 Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	11-24-08	Dana Cornell	11/24/08 16:19
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 6 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5521

Project Name: Trillium Subsurface Assessment

Project Number.:

Sample Matrix: Water

Date Sampled: 12/01/08
Date Received: 12/01/08
Date Reported: 12/08/08

Chain of Custody Received: Yes

Analytical Method: 8082, 8260B, 8310

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5521
Client Project ID: Trillium Subsurface Assessment
Client Project #:

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Water

Sampled:		---	12/01/08	12/01/08
Received:		---	12/01/08	12/01/08
Extracted:		12/03/08	12/03/08	12/03/08
Analyzed:		12/04/08	12/04/08	12/04/08
Reported:		12/08/08	12/08/08	12/08/08
Lab Sample #:		MBGY1203081	AZ5521-001	AZ5521-002
Client Sample #:		---	WS-3	WD-3
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/L***	***µg/L***	***µg/L***
PCB-1016	12674-11-2	<5.0	<5.0	<5.0
PCB-1221	11104-28-2	<5.0	<5.0	<5.0
PCB-1232	11141-16-5	<5.0	<5.0	<5.0
PCB-1242	53469-21-9	<5.0	<5.0	<5.0
PCB-1248	12672-29-6	<5.0	<5.0	<5.0
PCB-1254	11097-69-1	<5.0	<5.0	<5.0
PCB-1260	11096-82-5	<5.0	<5.0	<5.0
PCB-1262	37324-23-5	<5.0	<5.0	<5.0
Acceptable Surrogate %RC		***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	25-247%	48	92	81

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5521
Client Project ID: Trillium Subsurface Assessment
Client Project #:

VOLATILE ORGANICS BY GC/MS (EPA 8260B)

Sample Description: Water

Sampled:		—	12/01/08	12/01/08
Received:		—	12/01/08	12/01/08
Analyzed:		12/03/08	12/03/08	12/03/08
Reported:		12/08/08	12/08/08	12/08/08
Lab Sample #:		MBHN1203082	AZ5521-001	AZ5521-002
Client Sample #:		—	WS-3	WD-3
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/L***	***µg/L***	***µg/L***
Acetone	67-64-1	<10	<10	<10
Benzene	71-43-2	<1.0	<1.0	<1.0
Bromobenzene	108-86-1	<1.0	<1.0	<1.0
Bromochloromethane	74-97-5	<1.0	<1.0	<1.0
Bromodichloromethane	75-27-4	<1.0	16	<1.0
Bromoform	75-25-2	<1.0	1.7	<1.0
Bromomethane	74-83-9	<5.0	<5.0	<5.0
n-Butylbenzene	104-51-8	<1.0	<1.0	<1.0
sec-Butylbenzene	135-98-8	<1.0	<1.0	<1.0
tert-Butylbenzene	98-06-6	<1.0	<1.0	<1.0
Carbon tetrachloride	56-23-5	<1.0	<1.0	<1.0
Chlorobenzene	108-90-7	<1.0	<1.0	<1.0
Chlorodibromomethane	124-48-1	<1.0	12	<1.0
Chloroethane	75-00-3	<5.0	<5.0	<5.0
Chloroform	67-66-3	<1.0	19	<1.0
Chloromethane	74-87-3	<5.0	<5.0	<5.0
2-Chlorotoluene	95-49-8	<1.0	<1.0	<1.0
4-Chlorotoluene	106-43-4	<1.0	<1.0	<1.0
1,2-Dibromoethane	106-93-4	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	95-50-1	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	541-73-1	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	106-46-7	<1.0	<1.0	<1.0
1,1-Dichloroethane	75-34-3	<1.0	<1.0	<1.0
1,2-Dichloroethane	107-06-2	<1.0	<1.0	<1.0
1,1-Dichloroethene	75-35-4	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	156-59-2	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	156-60-5	<1.0	<1.0	<1.0
Dichlorodifluoromethane	75-71-8	<2.0	<2.0	<2.0
1,2-Dichloropropane	78-87-5	<1.0	<1.0	<1.0
1,3-Dichloropropane	142-28-9	<1.0	<1.0	<1.0
2,2-Dichloropropane	594-20-7	<1.0	<1.0	<1.0

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VOLATILE ORGANICS BY GC/MS (EPA 8260B) (continued)

Laboratory Reference #: WES AZ5521
Client Project ID: Trillium Subsurface Assessment
Client Project #:

Sampled:		---	12/01/08	12/01/08
Received:		---	12/01/08	12/01/08
Analyzed:		12/03/08	12/03/08	12/03/08
Reported:		12/08/08	12/08/08	12/08/08
Lab Sample #:		MBHN1203082	AZ5521-001	AZ5521-002
Client Sample #:		---	WS-3	WD-3
Dilution Factor:		1	1	1
ANALYTE (con't)	***CAS #***	***µg/L***	***µg/L***	***µg/L***
1,1-Dichloropropene	563-58-6	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	10061-01-5	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	10061-02-6	<1.0	<1.0	<1.0
Ethylbenzene	100-41-4	<1.0	<1.0	<1.0
Isopropylbenzene	98-82-8	<1.0	<1.0	<1.0
4-Isopropyltoluene	99-87-6	<1.0	<1.0	<1.0
Methyl t-butyl ether (MTBE)	1634-04-4	<1.0	<1.0	<1.0
Naphthalene	91-20-3	<3.0	<3.0	<3.0
n-Propylbenzene	103-65-1	<1.0	<1.0	<1.0
Styrene	100-42-5	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79-34-5	<1.0	<1.0	<1.0
Tetrachloroethene	127-18-4	<1.0	<1.0	<1.0
Toluene	108-88-3	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	87-61-6	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	71-55-6	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	79-00-5	<1.0	<1.0	<1.0
Trichloroethene	79-01-6	<1.0	<1.0	<1.0
Trichlorofluoromethane	75-69-4	<2.0	<2.0	<2.0
1,2,3-Trichloropropane	96-18-4	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	95-63-6	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	108-67-8	<1.0	<1.0	<1.0
Vinyl chloride	75-01-4	<2.0	<2.0	<2.0
Xylenes, Total	1330-20-7	<2.0	<2.0	<2.0
Acceptable Surrogate %RC		***%RC***	***%RC***	***%RC***
Dibromofluoromethane	48-143%	93	94	96
Toluene-d8	68-130%	89	91	93
4-Bromofluorobenzene	64-130%	110	106	107

INIT

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5521
Client Project ID: Trillium Subsurface Assessment
Client Project #:

POLYNUCLEAR AROMATIC HYDROCARBONS BY HPLC (EPA 8310)

Sample Description: Water

Sampled:		---	12/01/08	12/01/08
Received:		---	12/01/08	12/01/08
Extracted:		12/04/08	12/04/08	12/04/08
Analyzed:		12/05/08	12/05/08	12/05/08
Reported:		12/08/08	12/08/08	12/08/08
Lab Sample #:		MBYL1205081	AZ5521-001	AZ5521-002
Client Sample #:		---	WS-3	WD-3
Dilution Factor:		1	1	1
Data Qualifier:			S6	
ANALYTE	***CAS #***	***µg/L***	***µg/L***	***µg/L***
Acenaphthene	83-32-9	<0.05	<0.05	<0.05
Acenaphthylene	208-96-8	<0.05	<0.05	<0.05
Anthracene	120-12-7	<0.05	<0.05	<0.05
Benz(a)anthracene	56-55-3	<0.05	<0.05	<0.05
Benzo(a)pyrene	50-32-8	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	205-99-2	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	207-08-9	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	191-24-2	<0.05	<0.05	<0.05
Chrysene	218-01-9	<0.05	<0.05	<0.05
Dibenz(a,h)anthracene	53-70-3	<0.05	<0.05	<0.05
Fluoranthene	206-44-0	<0.05	<0.05	<0.05
Pyrene	129-00-0	<0.05	<0.05	<0.05
Fluorene	86-73-7	<0.05	<0.05	<0.05
Phenanthrene	85-01-8	<0.05	<0.05	<0.05
Indeno(1,2,3-cd)pyrene	193-39-5	<0.05	<0.05	<0.05
Naphthalene	91-20-3	<0.05	<0.05	<0.05
Acceptable Surrogate %RC		***%RC***	***%RC***	***%RC***
Nitrobenzene-d5	32-143%	81	Matrix	57

S6 = Surrogate recovery was below laboratory and method acceptance limits.
Reextraction and/or reanalysis confirms low recovery caused by matrix effect.

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Analysis : 12/04/08
Laboratory Sample No : GY1203081
Laboratory Reference No : WES AZ5521

ANALYTE	*R1*	*SP CONC*	*LCS*	*LCSD*	*%LCS*	*%LCSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	10	4.5	5.2	45	52	14	23-140	33
PCB-1260	0.0	10	5.2	6.2	52	62	18	D-185	39

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
LCS	Laboratory Control Sample Results
LCSD	Laboratory Control Sample Duplicate Results
% LCS	Percent Recovery Of LCS: {(LCS-R1) / SP} x100
% LCSD	Percent Recovery Of LCSD: {(LCSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP%	Acceptable Range of Percent for LCS/LCSD
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero

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QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting Units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/03/08
Laboratory Sample No : AZ5521-001
Laboratory Reference No : WES AZ5521

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
1,1-Dichloroethene	0.0	50	55	50	110	100	10	41-130	23
Benzene	0.0	50	44	44	88	88	0	70-130	15
Trichloroethene	0.0	50	54	55	108	110	2	70-130	15
Toluene	0.0	50	41	41	82	82	0	70-137	17
Chlorobenzene	0.0	50	52	53	104	106	2	70-130	16

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/03/08
Laboratory Sample No : HN1203082

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
1,1-Dichloroethene	50	48	96	47-130
Benzene	50	43	86	70-130
Trichloroethene	50	53	106	70-130
Toluene	50	41	82	70-130
Chlorobenzene	50	52	104	70-130

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QA/QC REPORT
for
Polynuclear Aromatic Hydrocarbons (EPA 8310)
Reporting units: ppb

1. Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Analysis : 12/05/08
Laboratory Sample No : YL1204081
Laboratory Reference No : WES AZ5521

ANALYTE	*R1*	*SP CONC*	*LCS*	*LCSD*	*%LCS*	*%LCSD*	*RPD*	*ACP%*	*ACP RPD*
Acenaphthene	0.0	0.25	0.207	0.198	83	79	4	34-122	28
Anthracene	0.0	0.25	0.194	0.173	78	69	11	43-120	35
Pyrene	0.0	0.25	0.212	0.180	85	72	16	47-122	27
Chrysene	0.0	0.25	0.193	0.176	77	70	9	57-120	22
Benzo(a)pyrene	0.0	0.25	0.238	0.216	95	86	10	55-120	27

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
LCS	Laboratory Control Sample Results
LCSD	Laboratory Control Sample Duplicate Results
% LCS	Percent Recovery Of LCS: {(LCS-R1) / SP} x100
% LCSD	Percent Recovery Of LCSD: {(LCSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP%	Acceptable Range of Percent for LCS/LCSD
ACP RPD	Acceptable Relative Percent Difference

INIT

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Analysis Request and Chain of Custody Record

Lab Job No: A25521
Page 1 of 1

ORANGE COAST ANALYTICAL, INC. www.ocalab.com
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(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 5737 E. Broadway Rd. Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER:
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kanyenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PCBs 8082	PAHs 8310	VOCs 8260							REMARKS / PRECAUTIONS
WS-3	4	12-1-08	1304	Water	X	X	X			A25521	-001			Water Source
WD-3	4	12-1-08	1316	Water	X	X	X				-002			Decon Water

Total No. of Samples: 2
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kanyenberg	12-1-08 15:40	Sara Dowell	12/1/08 15:40
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 2 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
3002 Dow Ave., Suite 532, Tustin CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2010

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5648

Project Name: Washington Park

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 02/05/09
Date Received: 02/05/09
Date Reported: 02/16/09

Chain of Custody Received: Yes

Analytical Method: 8082, 8260B, 8310, 6010B, 7471A

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. Humberto Preciado
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5648
Client Project ID: Washington Park
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	02/05/09	02/05/09
Received:		---	02/05/09	02/05/09
Extracted:		02/12/09	02/12/09	02/12/09
Analyzed:		02/13/09	02/13/09	02/13/09
Reported:		02/16/09	02/16/09	02/16/09
Lab Sample #:		MBIN0212091	AZ5648-009	AZ5648-010
Client Sample #:		—	Composite D20509 (B9-1,B9A-2, B18-3,B11-4)	Composite D20509 (B15-5,B14-6, B10-7,B12-8)
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25
PCB-1260	11096-82-5	<25	67	140
PCB-1262	37324-23-5	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	25-159%	59	99	131

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Western Technologies, Inc.
ATTN: Mr. Humberto Preciado
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5648
Client Project ID: Washington Park
Client Project #: 2188JF154

VOLATILE ORGANICS BY GC/MS (EPA 8260B)

Sample Description: Soil

Sampled:		---	02/05/09	02/05/09
Received:		---	02/05/09	02/05/09
Extracted:		02/06/09	02/06/09	02/06/09
Analyzed:		02/09/09	02/09/09	02/09/09
Reported:		02/16/09	02/16/09	02/16/09
Lab Sample #:		MBMT0206091	AZ5648-009	AZ5648-010
Client Sample #:		---	Composite D20509 (B9-1,B9A-2, B18-3,B11-4)	Composite D20509 (B15-5,B14-6, B10-7,B12-8)
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	*CAS #*	*µg/kg*	*µg/kg*	*µg/kg*
Benzene	71-43-2	<50	<50	<50
Bromobenzene	108-86-1	<50	<50	<50
Bromochloromethane	74-97-5	<50	<50	<50
Bromodichloromethane	75-27-4	<50	<50	<50
Bromoform	75-25-2	<50	<50	<50
Bromomethane	74-83-9	<250	<250	<250
n-Butylbenzene	104-51-8	<50	<50	<50
sec-Butylbenzene	135-98-8	<50	<50	<50
tert-Butylbenzene	98-06-6	<50	<50	<50
Carbon tetrachloride	56-23-5	<50	<50	<50
Chlorobenzene	108-90-7	<50	<50	<50
Chlorodibromomethane	124-48-1	<50	<50	<50
Chloroethane	75-00-3	<250	<250	<250
Chloroform	67-66-3	<50	<50	<50
Chloromethane	74-87-3	<250	<250	<250
2-Chlorotoluene	95-49-8	<50	<50	<50
4-Chlorotoluene	106-43-4	<50	<50	<50
1,2-Dibromoethane	106-93-4	<50	<50	<50
1,2-Dichlorobenzene	95-50-1	<50	<50	<50
1,3-Dichlorobenzene	541-73-1	<50	<50	<50
1,4-Dichlorobenzene	106-46-7	<50	<50	<50
1,1-Dichloroethane	75-34-3	<50	<50	<50
1,2-Dichloroethane	107-06-2	<50	<50	<50
1,1-Dichloroethene	75-35-4	<50	<50	<50
cis-1,2-Dichloroethene	156-59-2	<50	<50	<50
trans-1,2-Dichloroethene	156-60-5	<50	<50	<50
cis-1,3-Dichloropropene	10061-01-5	<50	<50	<50
trans-1,3-Dichloropropene	10061-02-6	<50	<50	<50
Dichlorodifluoromethane	75-71-8	<250	<250	<250
1,2-Dichloropropane	78-87-5	<50	<50	<50

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VOLATILE ORGANICS BY GC/MS (EPA 8260B) (continued)

Laboratory Reference #: WES AZ5648
Client Project ID: Washington Park
Client Project #: 2188JF154

Sampled:		---	02/05/09	02/05/09
Received:		---	02/05/09	02/05/09
Extracted:		02/06/09	02/06/09	02/06/09
Analyzed:		02/09/09	02/09/09	02/09/09
Reported:		02/16/09	02/16/09	02/16/09
Lab Sample #:		MBMT0206091	AZ5648-009	AZ5648-010
Client Sample #:		---	Composite D20509 (B9-1,B9A-2, B18-3,B11-4)	Composite D20509 (B15-5,B14-6, B10-7,B12-8)
Dilution Factor:		1	1	1
ANALYTE (con't)	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***
1,3-Dichloropropane	142-28-9	<50	<50	<50
2,2-Dichloropropane	594-20-7	<50	<50	<50
1,1-Dichloropropene	563-58-6	<50	<50	<50
Ethylbenzene	100-41-4	<50	<50	<50
Isopropylbenzene	98-82-8	<50	<50	<50
4-Isopropyltoluene	99-87-6	<50	<50	<50
Methyl t-butyl ether (MTBE)	1634-04-4	<50	<50	<50
Naphthalene	91-20-3	<150	<150	<150
n-Propylbenzene	103-65-1	<50	<50	<50
Styrene	100-42-5	<50	<50	<50
1,1,2,2-Tetrachloroethane	79-34-5	<50	<50	<50
Tetrachloroethene	127-18-4	<50	<50	<50
Toluene	108-88-3	<50	<50	<50
1,2,3-Trichlorobenzene	87-61-6	<50	<50	<50
1,1,1-Trichloroethane	71-55-6	<50	<50	<50
1,1,2-Trichloroethane	79-00-5	<50	<50	<50
Trichloroethene	79-01-6	<50	<50	<50
Trichlorofluoromethane	75-69-4	<250	<250	<250
1,2,3-Trichloropropane	96-18-4	<50	<50	<50
1,2,4-Trimethylbenzene	95-63-6	<50	<50	<50
1,3,5-Trimethylbenzene	108-67-8	<50	<50	<50
Vinyl chloride	75-01-4	<250	<250	<250
Total Xylenes	1330-20-7	<150	<150	<150
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***
Dibromofluoromethane	65-130%	94	93	94
Toluene-d8	68-130%	72	72	71
4-Bromofluorobenzene	67-141%	73	84	82

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Western Technologies, Inc.
ATTN: Mr. Humberto Preciado
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5648
Client Project ID: Washington Park
Client Project #: 2188JF154

POLYNUCLEAR AROMATIC HYDROCARBONS BY HPLC (EPA 8310)

Sample Description: Soil

Sampled:		---	02/05/09	02/05/09
Received:		---	02/05/09	02/05/09
Extracted:		02/10/09	02/10/09	02/10/09
Analyzed:		02/10/09	02/10/09	02/10/09
Reported:		02/16/09	02/16/09	02/16/09
Lab Sample #:		MBYL0210091	AZ5648-009	AZ5648-010
Client Sample #:		---	Composite D20509 (B9-1,B9A-2, B18-3,B11-4)	Composite D20509 (B15-5,B14-6, B10-7,B12-8)
Dilution Factor:		1	1	1
Data Qualifier:			C8	C8
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***
Acenaphthene	83-32-9	<2.0	3.8	<2.0
Acenaphthylene	208-96-8	<5.0	<5.0	<5.0
Anthracene	120-12-7	<2.0	2.9 C8	<2.0
Benz(a)anthracene	56-55-3	<2.0	<2.0	<2.0
Benzo(a)pyrene	50-32-8	<2.0	<2.0	<2.0
Benzo(b)fluoranthene	205-99-2	<2.0	<2.0	<2.0
Benzo(k)fluoranthene	207-08-9	<2.0	<2.0	<2.0
Benzo(g,h,i)perylene	191-24-2	<2.0	15	5.1
Chrysene	218-01-9	<2.0	<2.0	<2.0
Dibenz(a,h)anthracene	53-70-3	<2.0	<2.0	<2.0
Fluoranthene	206-44-0	<2.0	3.9	<2.0
Pyrene	129-00-0	<2.0	16	4.0
Fluorene	86-73-7	<2.0	<2.0	<2.0
Phenanthrene	85-01-8	<2.0	<2.0	3.2 C8
Indeno(1,2,3-cd)pyrene	193-39-5	<2.0	<2.0	<2.0
Naphthalene	91-20-3	<5.0	<5.0	<5.0
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***
Nitrobenzene-d5	41-120%	81	98	58

C8 = Sample RPD between the primary and confirmatory analysis exceeded 40%.
Per EPA Method 8000C, the lower value was reported as there was no evidence of chromatographic problems.

INIT

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Western Technologies, Inc.
ATTN: Mr. Humberto Preciado
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5648
Client Project ID: Washington Park
Client Project #: 2188JF154

METALS

Sample Description: Soil

Sampled:		---	02/05/09	02/05/09
Received:		---	02/05/09	02/05/09
Reported:		02/16/09	02/16/09	02/16/09
Lab Sample #:		MBKG0212091	AZ5648-009	AZ5648-010
Client Sample #:		---	Composite D20509 (B9-1,B9A-2, B18-3,B11-4)	Composite D20509 (B15-5,B14-6, B10-7,B12-8)
Data Qualifier:				
ANALYTE	***EPA METHOD***	***DATE TESTED***	***mg/kg***	***mg/kg***	***mg/kg***
Arsenic	6010B	02/13/09	<1.0	6.3	6.9
Barium	6010B	02/13/09	<0.5	66	57
Cadmium	6010B	02/13/09	<0.5	<0.5	<0.5
Chromium	6010B	02/13/09	<0.5	6.3	6.3
Lead	6010B	02/13/09	<1.0	1.6	2.7
Selenium	6010B	02/13/09	<5.0	<5.0	<5.0
Silver	6010B	02/13/09	<0.5	<0.5	<0.5

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Western Technologies, Inc.
ATTN: Mr. Humberto Preciado
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5648
Client Project ID: Washington Park
Client Project #: 2188JF154

METALS

Sample Description: Soil

Sampled:			—	02/05/09	02/05/09
Received:			—	02/05/09	02/05/09
Reported:			02/16/09	02/16/09	02/16/09
Lab Sample #:			MBKG0212092	AZ5648-009	AZ5648-010
Client Sample #:			—	Composite D20509 (B9-1,B9A-2, B18-3,B11-4)	Composite D20509 (B15-5,B14-6, B10-7,B12-8)
Data Qualifier:					
ANALYTE	***EPA METHOD***	***DATE TESTED***	***mg/kg***	***mg/kg***	***mg/kg***
Mercury	7471A	02/13/09	<0.1	<0.1	<0.1

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 02/13/09
Laboratory Sample No : AZ5648-010
Laboratory Reference No : WES AZ5648

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	150	170	60	68	13	D-120	55
PCB-1260	140.0	250	220	230	32	36	4	D-157	66

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 02/13/09
Laboratory Sample No : IN0212091

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	120	48	21-120
PCB-1260	250	120	48	7-120

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QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting Units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 02/09/09
Laboratory Sample No : AZ5648-009
Laboratory Reference No : WES AZ5648

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
1,1-Dichloroethene	0.0	50	50	42	100	84	17	39-141	35
Benzene	0.0	50	43	43	86	86	0	57-138	15
Trichloroethene	0.0	50	41	42	82	84	2	67-132	15
Toluene	0.0	50	44	45	88	90	2	66-130	15
Chlorobenzene	0.0	50	45	45	90	90	0	70-130	15

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 02/09/09
Laboratory Sample No : HN0209092

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
1,1-Dichloroethene	50	48	96	32-149
Benzene	50	44	88	61-133
Trichloroethene	50	42	84	64-136
Toluene	50	44	88	70-130
Chlorobenzene	50	45	90	70-130

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QA/QC REPORT
for
Polynuclear Aromatic Hydrocarbons (EPA 8310)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 02/10/09
Laboratory Sample No : AZ5648-010
Laboratory Reference No : WES AZ5648

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
Acenaphthene	0.0	25	22.2	23.0	89	92	4	48-135	33
Anthracene	0.0	25	27.3	28.2	109	113	3	37-120	33
Pyrene	4.0	25	26.5	24.7	90	83	7	28-153	33
Chrysene	0.0	25	23.2	23.0	93	92	1	54-128	30
Benzo(a)pyrene	0.0	25	22.8	22.8	91	91	0	38-133	33

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 02/10/09
Laboratory Sample No : YL0210091

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
Acenaphthene	25	26.2	105	64-124
Anthracene	25	23.6	94	31-120
Pyrene	25	25.3	101	64-120
Chrysene	25	23.9	96	64-120
Benzo(a)pyrene	25	26.4	106	20-130

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QA/QC REPORT
for Metals
Reporting units: ppm

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Laboratory Reference No : WES AZ5648

Analyte	*Date Tested*	*QC Sample*	*R1*	*SP CONC*	*MS*	*MSD*	*%MS*	*%MSD*	*RPD*	*ACP%*	*ACP RPD*
Arsenic	02/13/09	AZ5647-001	5.3	20.0	24.4	24.2	96	95	1	75-125	20
Barium	02/13/09	AZ5647-001	130	40.0	178	165	120	88	8	75-125	20
Cadmium	02/13/09	AZ5647-001	0.85	10.0	10.3	10.2	95	94	1	75-125	20
Chromium	02/13/09	AZ5647-001	26	20.0	46.0	44.5	100	93	3	75-125	20
Lead[M2]	02/13/09	AZ5647-001	37	20.0	57.0	51.7	100	74	10	75-125	20
Mercury	02/13/09	AZ5647-001	0.15	1.00	1.07	1.06	92	91	1	80-120	20
Selenium	02/13/09	AZ5647-001	0.0	20.0	20.4	20.3	102	102	0	75-125	20
Silver	02/13/09	AZ5647-001	9.4	20.0	27.8	28.8	92	97	4	75-125	20

Definition of Terms :

R1	Result of QC Sample
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP %	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference
M2	Matrix spike recovery was low; the associated blank spike recovery was acceptable.

2. Laboratory Control Sample

Analyte	*Date Tested*	*Spike Standard ID*	*SP CONC*	*Results*	*% Recovery*	*ACP %*
Arsenic	02/13/09	KG0212091	20.0	18.5	93	80-120
Barium	02/13/09	KG0212091	40.0	39.1	98	80-120
Cadmium	02/13/09	KG0212091	10.0	9.31	93	80-120
Chromium	02/13/09	KG0212091	20.0	19.9	100	80-120
Lead	02/13/09	KG0212091	20.0	19.3	97	80-120
Mercury	02/13/09	KG0212092	1.00	1.02	102	80-120
Selenium	02/13/09	KG0212091	20.0	16.9	85	80-120
Silver	02/13/09	KG0212091	20.0	18.8	94	80-120

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Analysis Request and Chain of Custody Record

Lab Job No: AZ51648
Page 1 of 1

ORANGE COAST ANALYTICAL, INC. www.ocalab.com
3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: Humberto Preciado
ADDRESS: 3737 East Broadway Rd.
~~Tem~~ Phoenix AZ 85040
EMAIL: h.Preciado@WT-US.com
PHONE: 602-437-3737 FAX: 602-470-1341

PROJECT INFORMATION

PROJECT NAME: Washington Park
NUMBER: 21885F154
ADDRESS: 44th and Washington
P.O. #:
SAMPLED BY: Greg Wrenta and Dave Martz

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PAH 8310	VOC 8260	Total RCRA Metals 6000/7000	PCB 8082						REMARKS / PRECAUTIONS
D20509B9-1	2	2/5/09	11:00A	SS	X	X	X	X	AZ51648-001					
D20509B9A-2	2	2/5/09	11:10A	SS	X	X	X	X				-002		
D20509B18-3	2	2/5/09	11:20A	SS	X	X	X	X				-003		AZ51648-009
D20509B11-4	2	2/5/09	11:35A	SS	X	X	X	X				-004		Composite Sample
D20509B15-5	2	2/5/09	11:46A	SS	X	X	X	X				-005		Composite Sample
D20509B14-6	2	2/5/09	11:56A	SS	X	X	X	X				-006		AZ51648-010
D20509B10-7	2	2/5/09	12:08A	SS	X	X	X	X				-007		
D20509B12-8	2	2/5/09	12:25A	SS	X	X	X	X				-008		

Total No. of Samples: Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
G. Wrenta	2/5/09 16:00	Sara Darnell	2/5/09 16:00
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 2 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

APPENDIX E:

LABORATORY REPORTS
QA/QC DATA
CHAINS-OF-CUSTODY

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5489

Project Name: Trillium Basin Borings

Project Number: 2187JK184

Sample Matrix: Soil

Date Sampled: 11/14/08
Date Received: 11/14/08
Date Reported: 11/24/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5489
Client Project ID: Trillium Basin Borings
Client Project #: 2187JK184

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	---	11/14/08	11/14/08	11/14/08	11/14/08
Received:		---	---	11/14/08	11/14/08	11/14/08	11/14/08
Extracted:		11/17/08	11/17/08	11/17/08	11/17/08	11/17/08	11/17/08
Analyzed:		11/19/08	11/20/08	11/19/08	11/19/08	11/19/08	11/19/08
Reported:		11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08
Lab Sample #:		MBGY1117081	MBGY1117082	AZ5489-001	AZ5489-002	AZ5489-003	AZ5489-004
Client Sample #:		---	---	B1-5	B1-10	B1-15	B1-20
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	72	107	96	64	81	83

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5489
Client Project ID: Trillium Basin Borings
Client Project #: 2187JK184

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		11/14/08	11/14/08	11/14/08	11/14/08	11/14/08	11/14/08
Received:		11/14/08	11/14/08	11/14/08	11/14/08	11/14/08	11/14/08
Extracted:		11/17/08	11/17/08	11/17/08	11/17/08	11/17/08	11/17/08
Analyzed:		11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08
Reported:		11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08
Lab Sample #:		AZ5489-005	AZ5489-006	AZ5489-007	AZ5489-008	AZ5489-009	AZ5489-010
Client Sample #:		B2-5	B2-10	B2-15	B2-20	B3-5	B3-10
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	91	83	108	78	89	59

INIT____.

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5489
Client Project ID: Trillium Basin Borings
Client Project #: 2187JK184

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		11/14/08	11/14/08	11/14/08	11/14/08	11/14/08	11/14/08
Received:		11/14/08	11/14/08	11/14/08	11/14/08	11/14/08	11/14/08
Extracted:		11/17/08	11/17/08	11/17/08	11/17/08	11/17/08	11/17/08
Analyzed:		11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08
Reported:		11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08
Lab Sample #:		AZ5489-011	AZ5489-012	AZ5489-013	AZ5489-014	AZ5489-015	AZ5489-016
Client Sample #:		B3-15	B3-20	B4-10	B4-15	B4-20	B5-5
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	67	91	70	88	90	87

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5489
Client Project ID: Trillium Basin Borings
Client Project #: 2187JK184

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		11/14/08	11/14/08	11/14/08	11/14/08	11/14/08	11/14/08
Received:		11/14/08	11/14/08	11/14/08	11/14/08	11/14/08	11/14/08
Extracted:		11/17/08	11/17/08	11/17/08	11/17/08	11/17/08	11/17/08
Analyzed:		11/19/08	11/19/08	11/19/08	11/20/08	11/20/08	11/20/08
Reported:		11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08
Lab Sample #:		AZ5489-017	AZ5489-018	AZ5489-019	AZ5489-020	AZ5489-021	AZ5489-022
Client Sample #:		B5-10	B5-15	B5-20	B6-5	B6-10	B6-15
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	67	67	90	71	77	78

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5489
Client Project ID: Trillium Basin Borings
Client Project #: 2187JK184

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:	11/14/08
Received:	11/14/08
Extracted:	11/17/08
Analyzed:	11/20/08
Reported:	11/24/08
Lab Sample #:	AZ5489-023
Client Sample #:	B6-20
Dilution Factor:	1
Data Qualifier:	

ANALYTE	*CAS #*	*µg/kg*
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25
PCB-1262	37324-23-5	<25

Acceptable Surrogate %RC*		*%RC*
Decachlorobiphenyl	D-208%	55

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. **Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

Date of Analysis : 11/19/08
Laboratory Sample No : AZ5489-006
Laboratory Reference No : WES AZ5489

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	140	100	56	40	33	9-150	43
PCB-1260	0.0	250	150	120	60	48	22	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. **Laboratory Control Sample**

Date of Analysis : 11/19/08
Laboratory Sample No : GY1117081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	190	76	17-142
PCB-1260	250	140	56	5-152

INIT_____

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 11/20/08
Laboratory Sample No : AZ5489-014
Laboratory Reference No : WES AZ5489

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	130	160	52	64	21	9-150	43
PCB-1260	0.0	250	140	130	56	52	7	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 11/20/08
Laboratory Sample No : GY1117082

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	160	64	17-142
PCB-1260	250	160	64	5-152

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Analysis Request and Chain of Custody Record

Lab Job No: A25489
Page 1 of 2

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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regnyui
ADDRESS: 5737 E. Broadway Rd
Phoenix, AZ 85040
EMAIL: david.r@wt-vs.com
PHONE: (602) 437-3737 FAX (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Basin Borings
NUMBER: 21875K184
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANALYSIS/CONTAINER/PRESERVATIVE: PCBs 8082	REMARKS/PRECAUTIONS
B1-5	1	11-14-08	0845	Soil	X	A25489-001
B1-10	1	11-14-08	0855	Soil	X	-002
B1-15	1	11-14-08	0909	Soil	X	-003
B1-20	1	11-14-08	0915	Soil	X	-004
B2-5	1	11-14-08	0945	Soil	X	-005
B2-10	1	11-14-08	0954	Soil	X	-006
B2-15	1	11-14-08	1015	Soil	X	-007
B2-20	1	11-14-08	1023	Soil	X	-008
B3-5	1	11-14-08	1108	Soil	X	-009
B3-10	1	11-14-08	1115	Soil	X	-010
B3-15	1	11-14-08	1130	Soil	X	-011
B3-20	1	11-14-08	1138	Soil	X	-012
B4-10	1	11-14-08	1219	Soil	X	-013
B4-15	1	11-14-08	1228	Soil	X	-014

Total No. of Samples: 14
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	11-14-08 5:23pm	Sara Donnell	11/14/08 5:23 pm
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 5 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

Analysis Request and Chain of Custody Record

Lab Job No: A25489
Page 2 of 2

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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Reganini
ADDRESS: 3737 E. Broadway Rd.
Phoenix, AZ 85040
EMAIL: david.r@wtsus.com
PHONE: (602) 457-5751 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Basin Borings
NUMBER: 21875K184
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANALYSIS / CONTAINER / PRESERVATIVE: ASTM 8082	REMARKS / PRECAUTIONS
B4-20	1	11-14-08	1234	Soil	X	A25489-015
B5-5	1	11-14-08	1523	Soil	X	-016
B5-10	1	11-14-08	1528	Soil	X	-017
B5-15	1	11-14-08	1535	Soil	X	-018
B5-20	1	11-14-08	1541	Soil	X	-019
B6-5	1	11-14-08	~~1603~~ 1558	Soil	X	-020
B6-10	1	11-14-08	1603	Soil	X	-021
B6-15	1	11-14-08	1610	Soil	X	-022
B6-20	1	11-14-08	1617	Soil	X	-023

Total No. of Samples: 9
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Matrix:
Josh Kannenberg	11-14-08 5:23pm	Jana Jowell	11/14/08 5:23pm	DW - Drinking Water; WW - Wastewater; GW - Groundwater; SS - Soil/Solid; OT- Other
Relinquished By:	Date/Time:	Received By:	Date/Time:	
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:	Sample Integrity: Intact _____ On Ice 5 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

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3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602).736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5495

Project Name: Trillium Subsurface Assessment

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 11/19/08
Date Received: 11/19/08
Date Reported: 11/25/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5495
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08
Received:		---	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08
Extracted:		11/21/08	11/21/08	11/21/08	11/21/08	11/21/08	11/21/08
Analyzed:		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Reported:		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Lab Sample #:		MBGY1112081	AZ5495-001	AZ5495-002	AZ5495-003	AZ5495-004	AZ5495-005
Client Sample #:		---	B7-(16-17)	B7-(21-22)	B8-5	B8-10	B8-15
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	75	79	98	78	73	96

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5495
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		11/19/08	11/19/08	11/19/08
Received:		11/19/08	11/19/08	11/19/08
Extracted:		11/21/08	11/21/08	11/21/08
Analyzed:		11/25/08	11/25/08	11/25/08
Reported:		11/25/08	11/25/08	11/25/08
Lab Sample #:		AZ5495-006	AZ5495-007	AZ5495-008
Client Sample #:		B8-(21-22)	B9-(15-16.5)	B9-(20-21.5)
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	82	110	65

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. **Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

Date of Analysis : 11/25/08
Laboratory Sample No : AZ5495-004
Laboratory Reference No : WES AZ5495

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	140	120	56	48	15	9-150	43
PCB-1260	0.0	250	120	120	48	48	0	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. **Laboratory Control Sample**

Date of Analysis : 11/25/08
Laboratory Sample No : GY1121081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	81	32	17-142
PCB-1260	250	79	32	5-152

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5495
Page 1 of 1

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CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3757 E. Broadway Rd. Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER: 21885F154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kommerberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANALYSIS / CONTAINER / PRESERVATIVE: PCBs 8082	REMARKS / PRECAUTIONS
B7-(16-17)	1	11-19-08	0906	Soil	X	AZ5495-001
B7-(21-22)	1	11-19-08	1018	Soil	X	-002
B8-5	1	11-19-08	1056	Soil	X	-003
B8-10	1	11-19-08	1110	Soil	X	-004
B8-15	1	11-19-08	1127	Soil	X	-005
B8-(21-22)	1	11-19-08	1237	Soil	X	-006
B9-(15-16.5)	1	11-19-08	1557	Soil	X	-007
B9-(20-21.5)	1	11-19-08	1633	Soil	X	-008

Total No. of Samples: 8
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kommerberg	11-19-08 1740	[signature]	11/19/08 1740
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 4 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5494

Project Name: Trillium Subsurface Assessment

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 11/18/08
Date Received: 11/18/08
Date Reported: 11/24/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5494
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	11/18/08	11/18/08
Received:		---	11/18/08	11/18/08
Extracted:		11/19/08	11/19/08	11/19/08
Analyzed:		11/21/08	11/21/08	11/21/08
Reported:		11/24/08	11/24/08	11/24/08
Lab Sample #:		MBME1119081	AZ5494-001	AZ5494-002
Client Sample #:		---	B7-5	B7-10
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	96	62	96

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 11/21/08
Laboratory Sample No : 16768-001
Laboratory Reference No : WES AZ5494

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	220	180	88	72	20	9-150	43
PCB-1260	0.0	250	120	170	48	68	34	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 11/21/08
Laboratory Sample No : ME1121081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	150	60	17-142
PCB-1260	250	170	68	5-152

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5494
Page 1 of 1

ORANGE COAST ANALYTICAL, INC. www.ocalab.com
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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3737 E. Broadway Rd. Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1311

PROJECT INFORMATION

PROJECT NAME: Trillium Sub-surface Assessment
NUMBER: 2188JF154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANALYSIS / CONTAINER / PRESERVATIVE: PCBs	REMARKS / PRECAUTIONS
B7-5	1	11-18-08	Grab 1405	Soil	X	AZ5494-001
B7-10	1	11-18-08	Grab 1512	Soil	X	-002

Total No. of Samples: 2 Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	11-18-08 1641	Tim Pelgn	11/18/08 1641
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 6 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5502

Project Name: Trillium Subsurface Assessment

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 11/20/08
Date Received: 11/20/08
Date Reported: 11/26/08

Chain of Custody Received: Yes

Analytical Method: 8082, 8260B

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5502
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	11/20/08	11/20/08	11/20/08	11/20/08
Received:		---	11/20/08	11/20/08	11/20/08	11/20/08
Extracted:		11/21/08	11/21/08	11/21/08	11/21/08	11/21/08
Analyzed:		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Reported:		11/26/08	11/26/08	11/26/08	11/26/08	11/26/08
Lab Sample #:		MBGY1121081	AZ5502-001	AZ5502-002	AZ5502-003	AZ5502-004
Client Sample #:		---	B9-(26-26.5)	B9-(31-31.5)	B9-(36-36.5)	B9-(41.5-42)
Dilution Factor:		1	1	1	1	1
Data Qualifier:						
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	77	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	75	88	87	48	78

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5502
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

VOLATILE ORGANICS BY GC/MS (EPA 8260B)

Sample Description: Soil

Sampled:	---	11/20/08
Received:	---	11/20/08
Extracted:	11/20/08	11/20/08
Analyzed:	11/21/08	11/22/08
Reported:	11/26/08	11/26/08
Lab Sample #:	MBMT120081	AZ5502-003
Client Sample #:	---	B9-(36-36.5)
Dilution Factor:	1	1
Data Qualifier:		

ANALYTE	***CAS #***	***µg/kg***	***µg/kg***
Acetone	67-64-1	<250	<250
Benzene	71-43-2	<50	<50
Bromobenzene	108-86-1	<50	<50
Bromochloromethane	74-97-5	<50	<50
Bromodichloromethane	75-27-4	<50	<50
Bromoform	75-25-2	<50	<50
Bromomethane	74-83-9	<250	<250
n-Butylbenzene	104-51-8	<50	<50
sec-Butylbenzene	135-98-8	<50	<50
tert-Butylbenzene	98-06-6	<50	<50
Carbon tetrachloride	56-23-5	<50	<50
Chlorobenzene	108-90-7	<50	<50
Chlorodibromomethane	124-48-1	<50	<50
Chloroethane	75-00-3	<250	<250
Chloroform	67-66-3	<50	<50
Chloromethane	74-87-3	<250	<250
2-Chlorotoluene	95-49-8	<50	<50
4-Chlorotoluene	106-43-4	<50	<50
1,2-Dibromoethane	106-93-4	<50	<50
1,2-Dichlorobenzene	95-50-1	<50	<50
1,3-Dichlorobenzene	541-73-1	<50	<50
1,4-Dichlorobenzene	106-46-7	<50	<50
1,1-Dichloroethane	75-34-3	<50	<50
1,2-Dichloroethane	107-06-2	<50	<50
1,1-Dichloroethene	75-35-4	<50	<50
cis-1,2-Dichloroethene	156-59-2	<50	<50
trans-1,2-Dichloroethene	156-60-5	<50	<50
cis-1,3-Dichloropropene	10061-01-5	<50	<50
trans-1,3-Dichloropropene	10061-02-6	<50	<50
Dichlorodifluoromethane	75-71-8	<250	<250
1,2-Dichloropropane	78-87-5	<50	<50

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VOLATILE ORGANICS BY GC/MS (EPA 8260B) (continued)

Laboratory Reference #: WES AZ5502
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

Sampled:		---	11/20/08
Received:		---	11/20/08
Extracted:		11/20/08	11/20/08
Analyzed:		11/21/08	11/22/08
Reported:		11/26/08	11/26/08
Lab Sample #:		MBMT120081	AZ5502-003
Client Sample #:		---	B9-(36-36.5)
Dilution Factor:		1	1
ANALYTE (con't)	***CAS #***	***µg/kg***	***µg/kg***
1,3-Dichloropropane	142-28-9	<50	<50
2,2-Dichloropropane	594-20-7	<50	<50
1,1-Dichloropropene	563-58-6	<50	<50
Ethylbenzene	100-41-4	<50	<50
Isopropylbenzene	98-82-8	<50	<50
4-Isopropyltoluene	99-87-6	<50	<50
Methyl t-butyl ether (MTBE)	1634-04-4	<50	<50
Naphthalene	91-20-3	<150	<150
n-Propylbenzene	103-65-1	<50	<50
Styrene	100-42-5	<50	<50
1,1,2,2-Tetrachloroethane	79-34-5	<50	<50
Tetrachloroethene	127-18-4	<50	<50
Toluene	108-88-3	<50	<50
1,2,3-Trichlorobenzene	87-61-6	<50	<50
1,1,1-Trichloroethane	71-55-6	<50	<50
1,1,2-Trichloroethane	79-00-5	<50	<50
Trichloroethene	79-01-6	<50	<50
Trichlorofluoromethane	75-69-4	<250	<250
1,2,3-Trichloropropane	96-18-4	<50	<50
1,2,4-Trimethylbenzene	95-63-6	<50	330
1,3,5-Trimethylbenzene	108-67-8	<50	110
Vinyl chloride	75-01-4	<250	<250
Total Xylenes	1330-20-7	<150	<150
Acceptable Surrogate* %RC		***%RC***	***%RC***
Dibromofluoromethane	48-142%	84	90
Toluene-d8	78-120%	87	86
4-Bromofluorobenzene	67-120%	110	122

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 11/25/08
Laboratory Sample No : AZ5495-004
Laboratory Reference No : WES AZ5502

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	140	120	56	48	15	9-150	43
PCB-1260	0.0	250	120	120	48	48	0	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 11/25/08
Laboratory Sample No : GY1121081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	81	32	17-142
PCB-1260	250	79	32	5-152

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QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting Units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 11/21/08
Laboratory Sample No : AZ5497-001
Laboratory Reference No : WES AZ5502

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
1,1-Dichloroethene	0.0	50	55	46	110	92	18	49-120	24
Benzene	0.0	50	46	47	92	94	2	80-120	16
Trichloroethene	0.0	50	49	49	98	98	0	80-120	16
Toluene	0.0	50	45	45	90	90	0	80-130	16
Chlorobenzene	0.0	50	53	53	106	106	0	80-126	15

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 11/21/08
Laboratory Sample No : HN1121081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
1,1-Dichloroethene	50	43	86	51-120
Benzene	50	46	92	80-121
Trichloroethene	50	50	100	80-123
Toluene	50	45	90	80-129
Chlorobenzene	50	52	104	80-126

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5502
Page 1 of 1

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CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3737 E. Broadway Rd. Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1541

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER: 21885F154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PCBs 8082	VOCs 8260								REMARKS / PRECAUTIONS
B9-(26-26.5)	1	11-20-08	0958	Soil	X									AZ5502-001
B9-(31-31.5)	1	11-20-08	1046	Soil	X									-002
B9-(36-36.5)	1	11-20-08	1145	Soil	X	X								-003
B9-(41.5-42)	1	11-20-08	1334	Soil	X									-004

Total No. of Samples: Method of Shipment:

Preservative: (1 = Ice) 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	11-20-08 1709	[signature]	1709 11/20/08
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact _____ On Ice 4 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5508

Project Name: Trillium Subsurface Assessment

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 11/21/08
Date Received: 11/21/08
Date Reported: 12/03/08

Chain of Custody Received: Yes

Analytical Method: 8082, 8260B

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5508
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	11/21/08	11/21/08	11/21/08	11/21/08	11/21/08
Received:		—	11/21/08	11/21/08	11/21/08	11/21/08	11/21/08
Extracted:		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Analyzed:		12/01/08	12/01/08	12/01/08	12/02/08	12/01/08	12/02/08
Reported:		12/03/08	12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Lab Sample #:		MBGY1125081	AZ5508-001	AZ5508-002	AZ5508-003	AZ5508-004	AZ5508-005
Client Sample #:		---	B10-(24-24.5)	B10-(31-31.5)	B10-(36-36.5)	B10-(41-41.5)	B11-(26-26.5)
Dilution Factor:		1	1	1	5	1	10
Data Qualifier:					D2		D2
ANALYTE	*CAS #*	*µg/kg*	*µg/kg*	*µg/kg*	*µg/kg*	*µg/kg*	*µg/kg*
PCB-1016	12674-11-2	<25	<25	<25	<125	<25	<250
PCB-1221	11104-28-2	<25	<25	<25	<125	<25	<250
PCB-1232	11141-16-5	<25	<25	<25	<125	<25	<250
PCB-1242	53469-21-9	<25	<25	<25	<125	<25	<250
PCB-1248	12672-29-6	<25	<25	<25	<125	<25	<250
PCB-1254	11097-69-1	<25	<25	<25	<125	<25	<250
PCB-1260	11096-82-5	<25	67	<25	410	52	2900 E2
PCB-1262	37324-23-5	<25	<25	<25	<125	<25	<250
Acceptable Surrogate %RC*		*%RC*	*%RC*	*%RC*	*%RC*	*%RC*	*%RC*
Decachlorobiphenyl	D-208%	116	81	82	160	77	168

D2= Sample required dilution due to high concentration of target analyte.
E2= Concentration estimated. Analyte exceeded calibration range.

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5508
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

VOLATILE ORGANICS BY GC/MS (EPA 8260B)

Sample Description: Soil

Sampled:	---	11/21/08
Received:	---	11/21/08
Extracted:	11/21/08	11/21/08
Analyzed:	11/24/08	11/24/08
Reported:	12/03/08	12/03/08
Lab Sample #:	MBMT1121081	AZ5508-003
Client Sample #:	---	B10-(36-36.5)
Dilution Factor:	1	1
Data Qualifier:		

ANALYTE	*CAS #*	*µg/kg*	*µg/kg*
Acetone	67-64-1	<250	<250
Benzene	71-43-2	<50	<50
Bromobenzene	108-86-1	<50	<50
Bromochloromethane	74-97-5	<50	<50
Bromodichloromethane	75-27-4	<50	<50
Bromoform	75-25-2	<50	<50
Bromomethane	74-83-9	<250	<250
n-Butylbenzene	104-51-8	<50	<50
sec-Butylbenzene	135-98-8	<50	<50
tert-Butylbenzene	98-06-6	<50	<50
Carbon tetrachloride	56-23-5	<50	<50
Chlorobenzene	108-90-7	<50	<50
Chlorodibromomethane	124-48-1	<50	<50
Chloroethane	75-00-3	<250	<250
Chloroform	67-66-3	<50	<50
Chloromethane	74-87-3	<250	<250
2-Chlorotoluene	95-49-8	<50	<50
4-Chlorotoluene	106-43-4	<50	<50
1,2-Dibromoethane	106-93-4	<50	<50
1,2-Dichlorobenzene	95-50-1	<50	<50
1,3-Dichlorobenzene	541-73-1	<50	<50
1,4-Dichlorobenzene	106-46-7	<50	<50
1,1-Dichloroethane	75-34-3	<50	<50
1,2-Dichloroethane	107-06-2	<50	<50
1,1-Dichloroethene	75-35-4	<50	<50
cis-1,2-Dichloroethene	156-59-2	<50	<50
trans-1,2-Dichloroethene	156-60-5	<50	<50
cis-1,3-Dichloropropene	10061-01-5	<50	<50
trans-1,3-Dichloropropene	10061-02-6	<50	<50
Dichlorodifluoromethane	75-71-8	<250	<250
1,2-Dichloropropane	78-87-5	<50	<50

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VOLATILE ORGANICS BY GC/MS (EPA 8260B) (continued)

Laboratory Reference #: WES AZ5508
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

Sampled:		---	11/21/08
Received:		---	11/21/08
Extracted:		11/21/08	11/21/08
Analyzed:		11/24/08	11/24/08
Reported:		12/03/08	12/03/08
Lab Sample #:		MBMT1121081	AZ5508-003
Client Sample #:		---	B10-(36-36.5)
Dilution Factor:		1	1
ANALYTE (con't)	***CAS #***	***µg/kg***	***µg/kg***
1,3-Dichloropropane	142-28-9	<50	<50
2,2-Dichloropropane	594-20-7	<50	<50
1,1-Dichloropropene	563-58-6	<50	<50
Ethylbenzene	100-41-4	<50	<50
Isopropylbenzene	98-82-8	<50	<50
4-Isopropyltoluene	99-87-6	<50	<50
Methyl t-butyl ether (MTBE)	1634-04-4	<50	<50
Naphthalene	91-20-3	<150	<150
n-Propylbenzene	103-65-1	<50	<50
Styrene	100-42-5	<50	<50
1,1,2,2-Tetrachloroethane	79-34-5	<50	<50
Tetrachloroethene	127-18-4	<50	<50
Toluene	108-88-3	<50	<50
1,2,3-Trichlorobenzene	87-61-6	<50	<50
1,1,1-Trichloroethane	71-55-6	<50	<50
1,1,2-Trichloroethane	79-00-5	<50	<50
Trichloroethene	79-01-6	<50	<50
Trichlorofluoromethane	75-69-4	<250	<250
1,2,3-Trichloropropane	96-18-4	<50	<50
1,2,4-Trimethylbenzene	95-63-6	<50	620
1,3,5-Trimethylbenzene	108-67-8	<50	190
Vinyl chloride	75-01-4	<250	<250
Total Xylenes	1330-20-7	<150	<150
Acceptable Surrogate* %RC		***%RC***	***%RC***
Dibromofluoromethane	48-142%	87	93
Toluene-d8	78-120%	92	83
4-Bromofluorobenzene	67-120%	108	124

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/01/08
Laboratory Sample No : 16777-001
Laboratory Reference No : WES AZ5508

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	99	83	40	33	18	9-150	43
PCB-1260	0.0	250	100	98	40	39	2	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/01/08
Laboratory Sample No : GY1125081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	200	80	17-142
PCB-1260	250	160	64	5-152

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QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting Units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 11/24/08
Laboratory Sample No : AZ5503-003
Laboratory Reference No : WES AZ5508

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
1,1-Dichloroethene	0.0	50	52	41	104	82	24	49-120	24
Benzene	0.0	50	47	45	94	90	4	80-120	16
Trichloroethene	0.0	50	51	48	102	96	6	80-120	16
Toluene	0.0	50	43	41	86	82	5	80-130	16
Chlorobenzene	0.0	50	53	50	106	100	6	80-126	15

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 11/24/08
Laboratory Sample No : HN1124081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
1,1-Dichloroethene	50	40	80	51-120
Benzene	50	44	88	80-121
Trichloroethene	50	47	94	80-123
Toluene	50	40	80	80-129
Chlorobenzene	50	49	98	80-126

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5508
Page 1 of 1

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CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Reguini
ADDRESS: 3737 E. Broadway Rd. Phoenix, AZ 85040
EMAIL: davidr@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER: 2188JF154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PCBs 8082	VOCs 8260							REMARKS / PRECAUTIONS
B10-(24-24.5)	3	11-21-08	0859	Soil	X	X	No	VOC	JK				AZ5508-001
B10-(31-31.5)	3	11-21-08	0959	Soil	X	X	No	VOC	JK				-002
B10-(36-36.5)	3	11-21-08	1101	Soil	X	X							-003
B10-(41-41.5)	1	11-21-08	1301	Soil	X								-004
B11-(26-26.5)	1	11-21-08	1557	Soil	X								-005

ANALYSIS / CONTAINER / PRESERVATIVE

Total No. of Samples: 5
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	11-21-08 1650	Tim Pelgn	11-21-08 1650
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact _____ On Ice 3 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5509

Project Name: Trillium Subsurface Assessment

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 11/24/08
Date Received: 11/24/08
Date Reported: 12/03/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5509
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		—	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08
Received:		—	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08
Extracted:		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Analyzed:		12/01/08	12/02/08	12/02/08	12/01/08	12/02/08	12/01/08
Reported:		12/03/08	12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Lab Sample #:		MBGY1125081	AZ5509-001	AZ5509-002	AZ5509-003	AZ5509-004	AZ5509-005
Client Sample #:		—	B11-(31-31.5)	B11-(36-36.5)	B11-(41-41.5)	B12-(26-26.5)	B12-(31-31.5)
Dilution Factor:		1	5	5	1	5	1
Data Qualifier:			D2	D2		D2	
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<125	<125	<25	<125	<25
PCB-1221	11104-28-2	<25	<125	<125	<25	<125	<25
PCB-1232	11141-16-5	<25	<125	<125	<25	<125	<25
PCB-1242	53469-21-9	<25	<125	<125	<25	<125	<25
PCB-1248	12672-29-6	<25	<125	<125	<25	<125	<25
PCB-1254	11097-69-1	<25	<125	<125	<25	<125	<25
PCB-1260	11096-82-5	<25	1600	550	<25	590	<25
PCB-1262	37324-23-5	<25	<125	<125	<25	<125	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	116	188	111	84	116	88

D2= Sample required dilution due to high concentration of target analyte.

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5509
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		11/24/08	11/24/08
Received:		11/24/08	11/24/08
Extracted:		11/25/08	11/25/08
Analyzed:		12/01/08	12/01/08
Reported:		12/03/08	12/03/08
Lab Sample #:		AZ5509-006	AZ5509-007
Client Sample #:		B12-(36-36.5)	B12-(41-41.5)
Dilution Factor:		1	1
Data Qualifier:			
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25
PCB-1221	11104-28-2	<25	<25
PCB-1232	11141-16-5	<25	<25
PCB-1242	53469-21-9	<25	<25
PCB-1248	12672-29-6	<25	<25
PCB-1254	11097-69-1	<25	<25
PCB-1260	11096-82-5	<25	<25
PCB-1262	37324-23-5	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***
Decachlorobiphenyl	D-208%	86	84

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/01/08
Laboratory Sample No : 16777-001
Laboratory Reference No : WES AZ5509

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	99	83	40	33	18	9-150	43
PCB-1260	0.0	250	100	98	40	39	2	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/01/08
Laboratory Sample No : GY1125081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	200	80	17-142
PCB-1260	250	160	64	5-152

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5509
Page 1 of 1

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CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 5737 E. Broadway Rd.
Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER: 21885F154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

ANALYSIS / CONTAINER / PRESERVATIVE: PCBs

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PCBs									REMARKS / PRECAUTIONS
B11-(31-31.5)	1	11-24-08	0755	Soil	X									AZ5509-001
B11-(36-36.5)	1	11-24-08	0840	Soil	X									-002
B11-(41-41.5)	1	11-24-08	1014	Soil	X									-003
B12-(26-26.5)	1	11-24-08	1351	Soil	X									-004
B12-(31-31.5)	1	11-24-08	1410	Soil	X									-005
B12-(36-36.5)	1	11-24-08	1448	Soil	X									-006
B12-(41-41.5)	1	11-24-08	1526	Soil	X									-007

Total No. of Samples: Method of Shipment: Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Matrix:
Josh Kannenberg	11-24-08	[illegible]	11/24/08 16:19	DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other
Relinquished By:	Date/Time:	Received By:	Date/Time:	
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:	Sample Integrity: Intact _____ On Ice 6 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5519

Project Name: Trillium Subsurface Assessment

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 11/25/08
Date Received: 11/25/08
Date Reported: 12/04/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5519
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Received:		---	11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Extracted:		12/02/08	12/02/08	12/02/08	12/02/08	12/02/08	12/02/08
Analyzed:		12/03/08	12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Reported:		12/04/08	12/04/08	12/04/08	12/04/08	12/04/08	12/04/08
Lab Sample #:		MBGY1202081	AZ5519-001	AZ5519-002	AZ5519-003	AZ5519-004	AZ5519-005
Client Sample #:		---	B13-(21-21.5)	B13-(26-26.5)	B13-(31-31.5)	B13-(36-36.5)	B13-(41-41.5)
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	91	81	107	91	150	92

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5519
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Received:		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08
Extracted:		12/02/08	12/02/08	12/02/08	12/02/08	12/02/08
Analyzed:		12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Reported:		12/04/08	12/04/08	12/04/08	12/04/08	12/04/08
Lab Sample #:		AZ5519-006	AZ5519-007	AZ5519-008	AZ5519-009	AZ5519-010
Client Sample #:		B14-(21-21.5)	B14-(26-26.5)	B14-(31-31.5)	B14-(36-36.5)	B14-(41-41.5)
Dilution Factor:		1	10	5	1	1
Data Qualifier:			D2	D2		
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<250	<125	<25	<25
PCB-1221	11104-28-2	<25	<250	<125	<25	<25
PCB-1232	11141-16-5	<25	<250	<125	<25	<25
PCB-1242	53469-21-9	<25	<250	<125	<25	<25
PCB-1248	12672-29-6	<25	<250	<125	<25	<25
PCB-1254	11097-69-1	<25	<250	<125	<25	<25
PCB-1260	11096-82-5	110	1400	390	79	90
PCB-1262	37324-23-5	<25	<250	<125	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	89	122	131	82	91

D2= Sample required dilution due to high concentration of target analyte.

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/03/08
Laboratory Sample No : AZ5519-003
Laboratory Reference No : WES AZ5519

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	160	190	64	76	17	9-150	43
PCB-1260	0.0	250	250	290	100	116	15	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/03/08
Laboratory Sample No : GY1202081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	170	68	17-142
PCB-1260	250	270	108	5-152

INIT

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5519
Page 1 of 1

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CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3737 E. Broadway Rd. Phoenix, AZ 85040
EMAIL: david.re@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trilliam Subsurface Assessment
NUMBER: 2188JF154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANALYSIS / CONTAINER / PRESERVATIVE: PCBs	REMARKS / PRECAUTIONS
B13-(21-21.5)	1	11-25-08	0836	Soil	X	AZ5519-001
B13-(26-26.5)	1	11-25-08	0957	Soil	X	-002
B13-(31-31.5)	1	11-25-08	1032	Soil	X	-003
B13-(36-36.5)	1	11-25-08	1109	Soil	X	-004
B13-(41-41.5)	1	11-25-08	1219	Soil	X	-005
B14-(21-21.5)	1	11-25-08	1455	Soil	X	-006
B14-(26-26.5)	1	11-25-08	1522	Soil	X	-007
B14-(31-31.5)	1	11-25-08	1557	Soil	X	-008
B14-(36-36.5)	1	11-25-08	1630	Soil	X	-009
B14-(41-41.5)	1	11-25-08	1701	Soil	X	-010

Total No. of Samples: 10
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	11-25-08 17:29	Jana Dowell	11/25/08 17:29
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 4 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5520

Project Name: Trillium Subsurface Assessment

Project Number:

Sample Matrix: Soil

Date Sampled: 12/01/08
Date Received: 12/01/08
Date Reported: 12/04/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5520
Client Project ID: Trillium Subsurface Assessment
Client Project #:

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	12/01/08	12/01/08	12/01/08	12/01/08	12/01/08
Received:		---	12/01/08	12/01/08	12/01/08	12/01/08	12/01/08
Extracted:		12/02/08	12/02/08	12/02/08	12/02/08	12/02/08	12/02/08
Analyzed:		12/03/08	12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Reported:		12/04/08	12/04/08	12/04/08	12/04/08	12/04/08	12/04/08
Lab Sample #:		MBGY1202081	AZ5520-001	AZ5520-002	AZ5520-003	AZ5520-004	AZ5520-005
Client Sample #:		---	B15-(21-21.5)	B15-(26-26.5)	B15-(31-31.5)	B15-(36-36.5)	B15-(41-41.5)
Dilution Factor:		1	1	1	1	10	3
Data Qualifier:						D2	D2
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<250	<75
PCB-1221	11104-28-2	<25	<25	<25	<25	<250	<75
PCB-1232	11141-16-5	<25	<25	<25	<25	<250	<75
PCB-1242	53469-21-9	<25	<25	<25	<25	<250	<75
PCB-1248	12672-29-6	<25	<25	<25	<25	<250	<75
PCB-1254	11097-69-1	<25	<25	<25	<25	<250	<75
PCB-1260	11096-82-5	<25	<25	<25	42	1300	430
PCB-1262	37324-23-5	<25	<25	<25	<25	<250	<75
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	91	150	81	92	192	114

D2= Sample required dilution due to high concentration of target analyte.

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/03/08
Laboratory Sample No : AZ5519-003
Laboratory Reference No : WES AZ5520

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	160	190	64	76	17	9-150	43
PCB-1260	0.0	250	250	290	100	116	15	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/03/08
Laboratory Sample No : GY1202081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	170	68	17-142
PCB-1260	250	270	108	5-152

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Analysis Request and Chain of Custody Record

Lab Job No: A25520
Page 1 of 1

ORANGE COAST ANALYTICAL, INC. www.ocalab.com
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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3737 E Broadway Rd.
Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 437-3737 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER:
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANAYSIS / CONTAINER / PRESERVATIVE: PCBs 8082	REMARKS / PRECAUTIONS
B15-(21-21.5)	1	12-1-08	1020	Soil	X	A25520-001
B15-(26-26.5)	1	12-1-08	1051	Soil	X	-002
B15-(31-31.5)	1	12-1-08	1128	Soil	X	-003
B15-(36-36.5)	1	12-1-08	1159	Soil	X	-004
B15-(41-41.5)	1	12-1-08	1233	Soil	X	-005

Total No. of Samples:
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	12-1-08 15:40	Sara Sowell	12/1/08 15:40
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 5 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5522

Project Name: Trillium Subsurface Assessment

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 12/02/08
Date Received: 12/02/08
Date Reported: 12/08/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rdi
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5522
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	12/02/08	12/02/08	12/02/08	12/02/08	12/02/08
Received:		---	12/02/08	12/02/08	12/02/08	12/02/08	12/02/08
Extracted:		12/04/08	12/04/08	12/04/08	12/04/08	12/04/08	12/04/08
Analyzed:		12/05/08	12/05/08	12/05/08	12/05/08	12/05/08	12/05/08
Reported:		12/08/08	12/08/08	12/08/08	12/08/08	12/08/08	12/08/08
Lab Sample #:		MBGY1204081	AZ5522-001	AZ5522-002	AZ5522-003	AZ5522-004	AZ5522-005
Client Sample #:		---	B16(16-16.5)	B16(21-21.5)	B16(26-26.5)	B16(31-31.5)	B16(36-36.5)
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	88	97	81	94	98	96

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5522
Client Project ID: Trillium Subsurface Assessment
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		12/02/08	12/02/08	12/02/08
Received:		12/02/08	12/02/08	12/02/08
Extracted:		12/04/08	12/04/08	12/04/08
Analyzed:		12/05/08	12/05/08	12/05/08
Reported:		12/08/08	12/08/08	12/08/08
Lab Sample #:		AZ5522-006	AZ5522-007	AZ5522-008
Client Sample #:		B16(41-41.5)	B17(16-16.5)	B17(21-21.5)
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	99	92	97

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/05/08
Laboratory Sample No : AZ5505-001
Laboratory Reference No : WES AZ5522

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	210	300	84	120	35	9-150	43
PCB-1260	0.0	250	62	98	25	39	45	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/05/08
Laboratory Sample No : GY1204081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	88	35	17-142
PCB-1260	250	97	39	5-152

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5522
Page 1 of 1

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CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Reggini
ADDRESS: 3757 E. Broadway Rd
Phoenix, AZ 85040
EMAIL: david.r@wt-us.com
PHONE: (602) 457-3757 FAX: (602) 470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Subsurface Assessment
NUMBER: 2188JF154
ADDRESS:
P.O. #:
SAMPLED BY: Josh Kannenberg

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANAYSIS / CONTAINER / PRESERVATIVE: PCBs 8082	REMARKS / PRECAUTIONS
B16 (16-16.5)	1	12-2-08	0817	Soil	X	AZ5522-001
B16 (21-21.5)	1	12-2-08	0852	Soil	X	-002
B16 (26-26.5)	1	12-2-08	0912	Soil	X	-003
B16 (31-31.5)	1	12-2-08	0940	Soil	X	-004
B16 (36-36.5)	1	12-2-08	1009	Soil	X	-005
B16 (41-41.5)	1	12-2-08	1044	Soil	X	-006
B17 (16-16.5)	1	12-2-08	1338	Soil	X	-007
B17 (21-21.5)	1	12-2-08	1402	Soil	X	-008

Total No. of Samples: 8
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Josh Kannenberg	12-2-08 14:48	Jana Jornell	12/2/08 14:48
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 6 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5527

Project Name: Trillium Basin Borings

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 12/03/08
Date Received: 12/03/08
Date Reported: 12/08/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5527
Client Project ID: Trillium Basin Borings
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		—	12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Received:		—	12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Extracted:		12/04/08	12/04/08	12/04/08	12/04/08	12/04/08	12/04/08
Analyzed:		12/05/08	12/05/08	12/05/08	12/05/08	12/05/08	12/05/08
Reported:		12/08/08	12/08/08	12/08/08	12/08/08	12/08/08	12/08/08
Lab Sample #:		MBGY1204081	AZ5527-001	AZ5527-002	AZ5527-003	AZ5527-004	AZ5527-005
Client Sample #:		—	B17 (26-26.5)	B17 (31-31.5)	B17 (36-36.5)	B17 (41-41.5)	B18 (10')
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	88	99	99	94	101	77

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5527
Client Project ID: Trillium Basin Borings
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		12/03/08	12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Received:		12/03/08	12/03/08	12/03/08	12/03/08	12/03/08	12/03/08
Extracted:		12/04/08	12/04/08	12/04/08	12/04/08	12/04/08	12/04/08
Analyzed:		12/05/08	12/05/08	12/05/08	12/05/08	12/08/08	12/05/08
Reported:		12/08/08	12/08/08	12/08/08	12/08/08	12/08/08	12/08/08
Lab Sample #:		AZ5527-006	AZ5527-007	AZ5527-008	AZ5527-009	AZ5527-010	AZ5527-011
Client Sample #:		B18 (15')	B18 (21-21.5)	B18 (26-26.5)	B18 (31-31.5)	B18 (36-36.5)	B18 (41-41.5)
Dilution Factor:		1	1	1	1	10	1
Data Qualifier:						D2	
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<250	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<250	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<250	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<250	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<250	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<250	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	920	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<250	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	71	96	77	69	112	100

D2= Sample required dilution due to high concentration of target analytes.

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/05/08
Laboratory Sample No : AZ5505-001
Laboratory Reference No : WES AZ5527

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	210	300	84	120	35	9-150	43
PCB-1260	0.0	250	62	98	25	39	45	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/05/08
Laboratory Sample No : GY1204081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	88	35	17-142
PCB-1260	250	97	39	5-152

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5527
Page 1 of 1

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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3737 E Broadway Rd
Phoenix AZ 85040
EMAIL: david.r@wt-us.com
PHONE: 602-437-3737 FAX: 602-470-1341

PROJECT INFORMATION

PROJECT NAME: Trilliam Basin Borings
NUMBER: 21885F154
ADDRESS:
P.O. #:
SAMPLED BY: Greg Wrenter

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANAYSIS / CONTAINER / PRESERVATIVE: PCB 8082	REMARKS / PRECAUTIONS
B17 (26-26.5)	1	12-3-08	0825	Soil	X	AZ5527-001
B17 (31-31.5)	1	12-3-08	0845	Soil	X	-002
B17 (36-36.5)	1	12-3-08	0930	Soil	X	-003
B18 (10')	1	12/3/08	1405	Soil	X	-005
B18 (15')	1	12/3/08	1415	Soil	X	-006
B18 (21-21.5)	1	12/3/08	1500	Soil	X	~~-007~~
B18 (26-26.5)	1	12/3/08	1529	Soil	X	-008
B18 (31-31.5)	1	12/3/08	1554	Soil	X	-009
B18 (36-36.5)	1	12/3/08	1618	Soil	X	-010
B18 (41-41.5)	1	12/3/08	1650	Soil	X	-011
B17 (41-41.5)	1	12/3/08	1020	Soil	X	-004

Total No. of Samples: Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Greg Wrenter	12/3/08 5:05p	Jana Dowell	12/3/08 17:05
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 3 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5530

Project Name: Trillium Basin Borings

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 12/04/08
Date Received: 12/04/08
Date Reported: 12/12/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5530
Client Project ID: Trillium Basin Borings
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	12/04/08	12/04/08	12/04/08	12/04/08	12/04/08
Received:		---	12/04/08	12/04/08	12/04/08	12/04/08	12/04/08
Extracted:		12/08/08	12/08/08	12/08/08	12/08/08	12/08/08	12/08/08
Analyzed:		12/12/08	12/12/08	12/12/08	12/12/08	12/12/08	12/12/08
Reported:		12/12/08	12/12/08	12/12/08	12/12/08	12/12/08	12/12/08
Lab Sample #:		MBME1208081	AZ5530-001	AZ5530-002	AZ5530-003	AZ5530-004	AZ5530-005
Client Sample #:		---	B19 (10')	B19 (21-21.5)	B19 (26-26.5)	B19 (31-31.5)	B19 (36-36.5)
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	69	93	111	90	101	109

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5530
Client Project ID: Trillium Basin Borings
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:	12/04/08
Received:	12/04/08
Extracted:	12/08/08
Analyzed:	12/12/08
Reported:	12/12/08
Lab Sample #:	AZ5530-006
Client Sample #:	B19 (41-41.5)
Dilution Factor:	1
Data Qualifier:	

ANALYTE	***CAS #***	***µg/kg***
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25
PCB-1262	37324-23-5	<25

Acceptable Surrogate* %RC		***%RC***
Decachlorobiphenyl	D-208%	63

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Analysis Request and Chain of Custody Record

ORANGE COAST ANALYTICAL, INC. www.ocalab.com
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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

Lab Job No: AZ5530
Page 1 of 1

COMPANY: Western Technologies	PROJECT NAME: Trillium Basin Borings
SEND REPORT TO: David Regonino	NUMBER: 2188JF154
ADDRESS: 3737 E Broadway Rd. Phoenix AZ 85040	ADDRESS:
EMAIL: davidr@wt-us.com	PO #:
PHONE: (602-437-3737 FAX: (602-470-1341	SAMPLED BY: Greg Wnenta

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANAYSIS / CONTAINER / PRESERVATIVE: PCB 8082	
B19 (10')	1	12/4/08	1015	Soil	X	AZ5530-001
B19 (21-21.5)	1	12/4/08	1142	Soil	X	-002
B19 (26-26.5)	1	12/4/08	1205	Soil	X	-003
B19 (31-31.5)	1	12/4/08	1230	Soil	X	-004
B19 (41-41.5)	1	12/4/08	1335	Soil	X	-005
B19 (36-36.5)	1	12/4/08	1300	Soil	X	-006

Total No. of Samples: Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	12/4/08 3:48p	[signature]	12/4/08 15:48
[signature]	12/4/08 1730		
		Received For Lab By: [signature]	12/8/08 0830

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact _____ On Ice 1 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

Analysis Request and Chain of Custody Record

Lab Job No: AZ5530
Page 1 of 1

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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonino
ADDRESS: 3737 E Broadway Rd. Phoenix AZ 85040
EMAIL: david.r@wt-ws.com
PHONE: 602-437-3737 FAX: 602-470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Basin Borings
NUMBER: 2188JF154
ADDRESS:
P.O. #:
SAMPLED BY: Greg Wnenta

ANALYSIS / CONTAINER / PRESERVATIVE

REQUIRED TAT: Standard

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PCB 8082	REMARKS / PRECAUTIONS
B19 (10')	1	12/4/08	1015	Soil	X	AZ5530-001
B19 (21-21.5)	1	12/4/08	1142	Soil	X	-002
B19 (26-26.5)	1	12/4/08	1205	Soil	X	-003
B19 (31-31.5)	1	12/4/08	1230	Soil	X	-004
B19 (41-41.5)	1	12/4/08	1335	Soil	X	-006
B19 (36-36.5)	1	12/4/08	1300	Soil	X	-005

Total No. of Samples: Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	12/4/08 3:48p	[signature]	12/4/08 15:48
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 1 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499
Expiration Date: 2009

Laboratory Director's Name:
Mark Noorani

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ5534

Project Name: Trillium Basin Borings

Project Number: 2188JF154

Sample Matrix: Soil

Date Sampled: 12/08/08
Date Received: 12/08/08
Date Reported: 12/16/08

Chain of Custody Received: Yes

Analytical Method: 8082

Mark Noorani, Laboratory Director

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5534
Client Project ID: Trillium Basin Borings
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		---	12/08/08	12/08/08	12/08/08	12/08/08	12/08/08
Received:		---	12/08/08	12/08/08	12/08/08	12/08/08	12/08/08
Extracted:		12/10/08	12/10/08	12/10/08	12/10/08	12/10/08	12/10/08
Analyzed:		12/12/08	12/12/08	12/12/08	12/12/08	12/12/08	12/12/08
Reported:		12/16/08	12/16/08	12/16/08	12/16/08	12/16/08	12/16/08
Lab Sample #:		MBME1210081	AZ5534-001	AZ5534-002	AZ5534-003	AZ5534-004	AZ5534-005
Client Sample #:		---	B20 5-5.5'	B20 10-10.5'	B20 15-15.5'	B20 20-20.5'	B21 5-5.5'
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	74	73	74	74	78	73

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5534
Client Project ID: Trillium Basin Borings
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:		12/08/08	12/08/08	12/08/08	12/08/08	12/08/08	12/08/08
Received:		12/08/08	12/08/08	12/08/08	12/08/08	12/08/08	12/08/08
Extracted:		12/10/08	12/10/08	12/10/08	12/10/08	12/10/08	12/10/08
Analyzed:		12/12/08	12/12/08	12/12/08	12/12/08	12/12/08	12/12/08
Reported:		12/16/08	12/16/08	12/16/08	12/16/08	12/16/08	12/16/08
Lab Sample #:		AZ5534-006	AZ5534-007	AZ5534-008	AZ5534-009	AZ5534-010	AZ5534-011
Client Sample #:		B21 10-10.5'	B21 15-15.5'	B21 20-20.5'	B22 5-5.5'	B22 10-10.5'	B22 15-15.5'
Dilution Factor:		1	1	1	1	1	1
Data Qualifier:							
ANALYTE	***CAS #***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
PCB-1016	12674-11-2	<25	<25	<25	<25	<25	<25
PCB-1221	11104-28-2	<25	<25	<25	<25	<25	<25
PCB-1232	11141-16-5	<25	<25	<25	<25	<25	<25
PCB-1242	53469-21-9	<25	<25	<25	<25	<25	<25
PCB-1248	12672-29-6	<25	<25	<25	<25	<25	<25
PCB-1254	11097-69-1	<25	<25	<25	<25	<25	<25
PCB-1260	11096-82-5	<25	<25	<25	<25	<25	<25
PCB-1262	37324-23-5	<25	<25	<25	<25	<25	<25
Acceptable Surrogate* %RC		***%RC***	***%RC***	***%RC***	***%RC***	***%RC***	***%RC***
Decachlorobiphenyl	D-208%	79	86	67	76	78	67

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Western Technologies, Inc.
ATTN: Mr. David Regonini
3737 E. Broadway Rd.
Phoenix, AZ 85040

Laboratory Reference #: WES AZ5534
Client Project ID: Trillium Basin Borings
Client Project #: 2188JF154

POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: Soil

Sampled:	12/08/08
Received:	12/08/08
Extracted:	12/10/08
Analyzed:	12/12/08
Reported:	12/16/08
Lab Sample #:	AZ5534-012
Client Sample #:	B22 20-20.5'
Dilution Factor:	1
Data Qualifier:	

ANALYTE	***CAS #***	***µg/kg***
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25
PCB-1262	37324-23-5	<25

Acceptable Surrogate* %RC		***%RC***
Decachlorobiphenyl	D-208%	70

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QA/QC REPORT
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis : 12/12/08
Laboratory Sample No : AZ5534-004
Laboratory Reference No : WES AZ5534

ANALYTE	*R1*	*SP CONC*	*MS*	*MSD*	*% MS*	*% MSD*	*RPD*	*ACP%*	*ACP RPD*
PCB-1016	0.0	250	130	180	52	72	32	9-150	43
PCB-1260	0.0	250	130	110	52	44	17	D-166	46

Definition of Terms :

R1	Result of Laboratory Sample Number
SP CONC	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
% MS	Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD	Percent Recovery of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
ACP%	Acceptable Range of Percent for MS/MSD
ACP RPD	Acceptable Relative Percent Difference

2. Laboratory Control Sample

Date of Analysis : 12/12/08
Laboratory Sample No : ME1210081

ANALYTE	*SP CONC*	*RESULTS*	*% RECOVERY*	*ACCEPTABLE %*
PCB-1016	250	130	52	17-142
PCB-1260	250	130	52	5-152

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Analysis Request and Chain of Custody Record

Lab Job No: AZ5534
Page 1 of 1

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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Western Technologies
SEND REPORT TO: David Regonini
ADDRESS: 3737 E Broadway Rd
Phoenix AZ 85040
EMAIL: david.r@wt-us.com
PHONE: 602-437-3737 FAX: 602-470-1341

PROJECT INFORMATION

PROJECT NAME: Trillium Basin Borings
NUMBER: 2188JF154
ADDRESS:
P.O. #:
SAMPLED BY:

REQUIRED TAT: Standard

ANAYSIS / CONTAINER / PRESERVATIVE

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PCB 8082	REMARKS / PRECAUTIONS
B20 5-5.5'	1	12/8/08	0740	Soil	X	AZ5534-001
B20 10-10.5'	1	12/8/08	0745	Soil	X	-002
B20 15-15.5'	1	12/8/08	0755	Soil	X	-003
B20 20-20.5'	1	12/8/08	0805	Soil	X	-004
B21 5-5.5'	1	12/8/08	0842	Soil	X	-005
B21 10-10.5'	1	12/8/08	0850	Soil	X	-006
B21 15-15.5'	1	12/8/08	0900	Soil	X	-007
B21 20-20.5'	1	12/8/08	0910	Soil	X	-008
B22 5-5.5'	1	12/8/08	0945	Soil	X	-009
B22 10-10.5'	1	12/8/08	0956	Soil	X	-010
B22 15-15.5'	1	12/8/08	1005	Soil	X	-011
B22 20-20.5'	1	12/8/08	1010	Soil	X	-012

Total No. of Samples:
Method of Shipment:
Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
G. Wurst	12/8/08 11:53	Sara Sorwell	12/8/08 11:53
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity:
Intact _____ On Ice 6 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.