

Remedial Investigation and Feasibility Study

Sterling Realty Organization
Bellevue Corner Property
10605 and 10619 NE 8th Street
Bellevue, Washington

for

Sterling Realty Organization
Bellevue, Washington

December 15, 2014



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December 15, 2014

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ACRONYMS AND ABBREVIATIONS

µg/L	micrograms per liter
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
COC	contaminant of concern
CAO	cleanup action objective
CAP	cleanup action plan
CSM	conceptual site model
DCE	dichloroethylene
DRPH	diesel-range petroleum hydrocarbons
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
GRPH	gasoline-range petroleum hydrocarbons
HCID	hydrocarbon identification
mg/kg	milligrams per kilogram
MTBE	methyl tert-butyl ether
MTCA	Washington State Model Toxics Control Act
NFA	No Further Action
NWTPH	Northwest Total Petroleum Hydrocarbon
ORPH	oil-range petroleum hydrocarbons
PCE	tetrachloroethylene
PCS	petroleum-contaminated soil
RI/FS	remedial investigation/feasibility study
TCE	trichloroethylene
TEE	Terrestrial Ecological Evaluation
UST	underground storage tank
VCP	Voluntary Cleanup Program
VOC	volatile organic compound
WAC	Washington Administrative Code

EXECUTIVE SUMMARY

This report presents the remedial investigation and feasibility study (RI/FS) for the Sterling Realty Organization (SRO) Property located at 10605 and 10619 NE 8th Street in Bellevue, Washington (the Property). This Property, also known as the Bellevue Corner Property, is a portion of a larger property that is proposed for a re-development project that will include a multistory commercial building with up to seven levels of underground parking. This report was prepared (1) to meet the requirements for submittal of the Property into the Washington State Department of Ecology's (Ecology) Voluntary Cleanup Program (VCP) and (2) in accordance with RI/FS requirements defined in the Model Toxics Control Act (MTCA), Washington Administrative Code (WAC) 174-340- sections 350 through 370. SRO's objective is to obtain a property-specific No Further Action (NFA) determination for the Property.

SRO plans to carry out cleanup of the Property during redevelopment. Specific cleanup measures will be addressed with Ecology through a cleanup action plan (CAP). Notwithstanding anything herein to the contrary, the plan will only include: (1) excavation and removal of all soil on the Property to a depth of approximately 70 feet below the ground surface (bgs), lot-line to lot-line, with capping and institutional controls to address any residual contamination in soil below that depth; (2) wall drains designed, on standard construction practices, to capture, as much as possible, perched groundwater flowing toward the Property, from a source across NE 8th Street to the north, to limit, as much as possible, the potential for downward migration of contaminated water; (3) groundwater monitoring; and (4) a vapor barrier on the base slab and sidewalls of the building to control potential intrusion of subsurface volatile organic vapors.

The Property's environmental conditions have been analyzed through nine separate soil and groundwater sampling investigations dating back to 1990, with the investigations building upon preceding results. Those investigations (the most recent was completed in 2011) have yielded considerable data for use in characterizing the Property's environmental conditions. GeoEngineers did not perform any of the prior investigations. We have used the data from these investigations to prepare this report. This report summarizes those investigations in chronological order.

The Property was undeveloped prior to construction of a retail gas station in 1958. Retail gasoline and automotive repair activities continued until at least 1986. Gas station facilities in the west half of the Property were removed in 1991 and 1992, including two 10,000 gallon gasoline Underground Storage Tanks (USTs), three hydraulic hoists, a drywell, an oil-water separator, a heating oil UST, two waste oil USTs, and two pump islands. Following the facilities' removal, approximately 2,000 cubic yards of petroleum-contaminated soil (PCS) were removed from the Property and disposed at a permitted landfill. An opinion of No Further Action regarding the cleanup status for petroleum hydrocarbons on the Property was issued by Ecology. A supplemental investigation in 2010 detected shallow petroleum hydrocarbons in soil at concentrations exceeding the MTCA cleanup level in four borings at depths between 1 and 9 feet bgs. In many other borings completed at the Property, petroleum hydrocarbons either were not detected or were detected at concentrations less than cleanup levels. Except for low level detections of naphthalene and methyl tert-butyl ether (MTBE), petroleum-impacted groundwater has not been detected at the Property after the early 1990s cleanup.

Properties surrounding the subject Property have been primarily commercial retail and office space since first development in the 1950s.

In addition to the gas station investigation and cleanup, seven separate environmental investigations of soil and groundwater conditions at the Property have been completed by various consultants between 2000 and 2011. Additional investigations were completed on the north-adjacent property at 10610 NE 8th Street, also known as the (former) Thinker Toys property. The investigations indicate that chlorinated solvent contamination of soil and groundwater beneath the SRO Property are attributable to releases of tetrachloroethylene (PCE) originating at a former dry cleaning facility on the Thinker Toys property. PCE has been detected at the Property in soil and groundwater between approximately 12 and 65 feet bgs and historically in the deeper regional aquifer. The highest concentrations of PCE in soil and groundwater on the SRO Property were detected in the northwest corner, the portion of the Property closest to the Thinker Toys property. The distribution of PCE in soil and groundwater indicate that the source of PCE at the Property is the upgradient Thinker Toys site. The former use of the SRO Property as a service station does not appear to have contributed to the PCE detected in soil and groundwater at the Property. PCE detections in relatively shallow soil at URS-MW-4 in the southeast portion of the Property represent a data gap that will be evaluated further during the cleanup action.

The contaminant of concern (COC) driving remedial action at the Property is PCE. Other less prevalent COCs on the Property include breakdown products of PCE, petroleum hydrocarbons, benzene, ethylbenzene, toluene, xylenes (BTEX), 1,2-DCA and MTBE. Volatile organic compounds (VOCs) evaluated during the RI that were not detected, are common laboratory contaminants, or are directly associated with another primary COC are not considered COCs moving forward for the purpose of the FS and cleanup action. Media of concern include soil, groundwater and soil vapor. Potential exposure pathways that are evaluated include direct contact/ingestion of PCE-impacted soil and groundwater, and breathing of PCE-impacted indoor air in the proposed building at the Property. Direct contact/ingestion of petroleum in soil and leaching from soil to groundwater also is evaluated. Proposed cleanup levels for the COCs are MTCA Method A for unrestricted land use in the soil and MTCA Method A for groundwater. If there is no Method A cleanup level for a COC, the proposed cleanup levels are MTCA Method B.

A Feasibility Study was conducted in accordance with WAC 173-340-350(8) to develop a cleanup alternative that will be completed as part of redevelopment plans for the Property. Remedial alternatives were identified and assessed based on their ability to achieve threshold requirements for a cleanup action as specified in MTCA. Remedial alternatives were further assessed based on additional criteria specified under MTCA (overall protectiveness, permanence, long-term effectiveness, short-term risk management, and implementability). The preferred cleanup alternative includes soil excavation that extends from lot-line to lot-line during construction to varying depths required for the Property development. Excavation at the Property will be limited to a depth equivalent to an elevation of 84 feet above mean sea level (AMSL) (about 70 feet bgs) except for localized excavations for elevator pits to elevation 82 feet AMSL. A large number of soil samples will be collected/analyzed for petroleum and PCE during construction excavation to provide additional site characterization information and guidance regarding soil segregation/disposal.

In order to limit the potential for inadvertent effects on the regional aquifer, permanent drainage elements at the Property will be limited to no deeper than elevation 86 feet AMSL in the western and northern portions of the Property and no deeper than 84 feet AMSL in the eastern and southern portions of the property (hereinafter "Planned Development Excavation"). The depth of permanent drainage elements will be above the regional aquifer as identified in March 2013. Based on the Planned Development Excavation and considering available data, it is unlikely that soil impacted by PCE at a concentration greater than the cleanup level will remain at the vertical limits of the excavation. If PCE-contaminated soil remains at the margins of the development project excavation, the garage's concrete bottom and sidewalls will eliminate

the potential for direct contact with the impacted soil. Petroleum-contaminated soil exceeding MTCA cleanup levels also will be removed by the preferred cleanup alternative. The preferred cleanup alternative includes off-site disposal of contaminated soil at permitted facilities; an engineered wall drain system to passively capture contaminated groundwater migrating to the Property and entering the exterior subsurface wall drains; the permitted discharge of contaminated water captured by the wall drains to the sanitary sewer; and a vapor barrier on exterior walls and beneath the floor slab at the bottom of the proposed underground parking structure. Because engineering controls are part of the cleanup action, an environmental covenant will be prepared and post-cleanup groundwater monitoring will be completed to obtain a NFA opinion from Ecology. These combined measures are considered the most conservative, permanent, and effective measures to remediate the Property while allowing re-development of the Property in a manner that protects human health and the environment. Detailed information regarding implementation of the preferred remedial alternative is presented in a separate CAP.

1.0 INTRODUCTION

This report presents the Remedial Investigation and Feasibility Study (RI/FS) for the Sterling Realty Organization (SRO) property located at 10605 and 10619 NE 8th Street in Bellevue, Washington (the Property). This report was prepared (1) to meet the requirements for submittal of the Property into the Washington State Department of Ecology's (Ecology) Voluntary Cleanup Program (VCP) and (2) in accordance with RI/FS requirements defined in the Model Toxics Control Act (MTCA), Washington Administrative Code (WAC) 174-340- sections 350 through 370. SRO's objective is to obtain a property-specific No Further Action (NFA) determination for the Property by conducting a MTCA-compliant cleanup action during construction of a multistory commercial building with up to seven levels of underground parking.

The location of the Property relative to surrounding physical features is shown on Figure 1. The Property, also known as the SRO Bellevue Corner Property, is defined by the boundaries of the King County tax parcels addressed 10605 and 10619 NE 8th Street (Figure 2). The Property has been impacted via passive migration from releases of dry cleaning solvent transported by groundwater from the upgradient former Thinker Toys property located across NE 8th Street north of the SRO Property. Based on a long history of environmental investigations, soil and groundwater at depth on the Property is contaminated primarily with tetrachloroethylene (PCE), and to a lesser extent trichloroethylene (TCE) and cis-1,2-dichloroethylene (cis-1,2-DCE). The large number of soil borings and monitoring wells completed throughout the Property during these investigations are shown on Figure 3. Two generations of service stations were located on the Property, and a cleanup of petroleum-contaminated soil associated with the service stations received Ecology's "no further action" determination in 1992. Subsequent investigations have revealed residual petroleum contamination in shallow soil that was not removed during 1990s cleanup activities. Both the PCE-related contamination and the residual petroleum-related contamination will be addressed by remediation during concurrent redevelopment of the Property.

This RI/FS was prepared in accordance with our proposal for environmental services at SRO's Bellevue Corner Property (GeoEngineers, 2012). The purpose of this report is to summarize and present environmental data, characterize the Property, evaluate cleanup alternatives, and identify a preferred cleanup alternative. The Remedial Investigation (RI) portion of the report presents information regarding the former use of the Property and surrounding parcels, summarizes the findings of previous site assessments and subsurface investigations, and presents a Conceptual Site Model (CSM). The Feasibility Study (FS) evaluates cleanup alternatives and identifies the preferred cleanup alternative that is most appropriate based on the future Property use and the requirements in WAC 174-340-360(2). Those requirements include protection of human health and the environment; compliance with cleanup standards; compliance with state and federal laws; use of permanent solutions to the maximum extent practicable; and providing for a reasonable restoration time frame.

Special Note: GeoEngineers did not conduct any field studies or explorations for this report. Rather, GeoEngineers has prepared this report by gathering information and data from multiple historic environmental reports by other consultants which studied conditions at the Property and surrounding properties. These previous reports were reviewed and assessed for completeness and consistency and deemed adequate to sufficiently characterize the Property. Limited portions of text from several previous reports were reused for this report, notably in Sections 2, 3 and 4. Any historic data that was considered

to be non-defensible, incomplete, or not applicable to the Property were not included in this report. A list of the previous studies upon which this report is based is provided in Section 7.

2.0 BACKGROUND

2.1. Descriptions and Land Use History of the Property and Surrounding Properties

The property descriptions and histories provided below were obtained from the previous reports discussed in Section 3 of this document. The current land use of the Property and surrounding properties is primarily a mix of offices and retail commercial businesses. According to the City of Bellevue's zoning map, the Property and adjacent properties are all zoned as Downtown-Office (DNTNO-1 and DNTNO-2). This zoning precludes the possibility of ground floor residential uses and therefore reduces potential residential exposure to contaminants of concern including VOC soil vapors.

2.1.1. The Property, 10605 and 10619 NE 8th Street, Bellevue, Washington

The Property consists of two tax parcels, King County parcel numbers 154410-0221 and 154410-0216, which cover approximately 0.43 and 0.28 acres, respectively (Figure 2). The Property does not include surrounding properties or adjacent rights of way (ROW). The Property is owned by SRO and is currently occupied by a commercial parking lot and commercial building with retail businesses. Improvements include an 11,250 square foot two-story wood and masonry building, perimeter landscaping, and gravel and asphalt paved parking.

Parcel 154410-0221

This parcel was undeveloped until 1958, when a retail gasoline station was constructed on the Property, the operator of which was not identified. The original service station had several underground storage tanks (USTs) for fuel and waste oil, a drywell, vehicle hoists, pump islands etc. The parcel was redeveloped in 1969 as a Union 76 station and equipped with two 10,000-gallon gasoline USTs, pump islands, one heating oil and one waste oil UST of unknown sizes, an oil/water separator, and three hydraulic vehicle hoists. Historical gas station features are shown on Figure 4. Retail gasoline sales and automotive repair activities continued on the Property until 1991 when the station was demolished. Following demolition, 2,000 cubic yards of petroleum-contaminated soil (PCS) were removed from the parcel during a remedial cleanup action that occurred in two phases. During the first phase of excavation in 1991, USTs, product lines and other service station facilities as well as approximately 500 cubic yards of PCS were excavated and removed from the Property. A second phase of excavation was performed at the Property in 1992 and an additional 1,500 cubic yards of PCS were removed. Chemical analysis of soil samples obtained from the final limits of the remedial excavations performed during the service station cleanup did not detect petroleum contaminants at concentrations exceeding cleanup levels. Subsequently, an opinion of No Further Action regarding the cleanup status for petroleum hydrocarbons on the parcel was issued by Ecology (Ecology, 1992). Additional discussion of 1990s site assessment and cleanup activities is presented in sections 3.1 and 3.2

Parcel 154410-0216

Prior to 1953 this parcel was part of a nine acre parcel that was occupied by the Cheriton Fruit Gardens. The Cheriton Gardens site had berry plants, fruit trees and fields in agricultural use, a single-family residence and out-buildings constructed beginning in 1931. In 1963, the current commercial building was constructed on this parcel and the parcel adjacent to the east. Initial tenants included a music store,

furniture store, women's apparel store, and offices. The basic features/land use of the parcel have remained unchanged since that time.

2.1.2. North-Adjoining Property, 10610 NE 8th Street (Across NE 8th Street)

This 0.3 acre parcel is listed as 10610 NE 8th Street (King County parcel number 068570-0055). The parcel is currently operated as a private parking lot owned by BV Holdings, LLC. Improvements include asphalt paving and perimeter landscaping.

This property was initially developed in 1955 as a retail gasoline station and automotive repair facility equipped with two 5,000-gallon gasoline USTs, a 200-gallon waste oil UST, and a 250-gallon heating oil UST. In 1968, the station was demolished and replaced with a new retail station equipped with two 10,000-gallon gasoline USTs and 550-gallon heating oil UST. The second gas station operated until 1976. Between 1976 and 1986 a One-Hour Martinizing dry cleaning facility operated at the property. A sump was located within the footprint of the former building. Between 1986 and 2007 the property was occupied by small retail businesses, including the Thinker Toys store. In 2007 the remaining structures were demolished and the property was paved with asphalt for parking.

This property has been identified as the source of the chlorinated solvents (VOCs) that contaminated soil and groundwater on the SRO Property. An opinion letter from Ecology on the proposed interim cleanup action at the Thinker Toys property states that releases of dry cleaning solvent from the former dry cleaner are the apparent source of the PCE contamination on the SRO Property (Ecology, 2011). As discussed in Section 3, soil and groundwater investigations to delineate VOC contamination on the Property and on the adjacent Thinker Toys property have demonstrated how VOCs released at the 10610 NE 8th Street property migrated onto the SRO Property.

2.1.3. South-Adjoining Property, 606 and 620 106th Avenue NE

This 4.0 acre property is owned by SRO (King County parcel numbers 154410-0214 and 154410-0217) and is occupied by a 28,000 square foot retail bookstore (Barnes and Noble), a 40,250 square foot 2-story commercial building (Mars Hill Church), and paved parking. The property was farmland until 1957 when a bowling alley (now the bookstore) with an oil-fired heater was constructed. The commercial building (aka, the John Danz Building) was constructed in 1961 and originally operated as a theater. Parking areas were paved in 1963.

2.1.4. East-Adjoining Property, 10635 NE 8th Street

This 0.75 acre parcel is owned by SRO (King County parcel number 154410-0215) and is developed with an 18,400 square foot commercial wood and masonry building that is occupied by small retail businesses. A house and two associated structures surrounded by farmland were present on this property between 1937 and 1956; farmland was cleared by 1954. The present building was constructed in 1963, and tenants have included an automotive parts store, insurance agency, stereo store, and travel agency.

2.1.5. West-Adjoining Property, 10555 NE 8th Street

This 1.24 acre parcel (King County parcel number 154410-0209) is developed with a 28,500 square foot 2-story structural steel office building currently occupied by Bank of America. Additional improvements include a drive-through teller kiosk and an asphalt-paved parking lot with perimeter landscaping. The

property was undeveloped until it was paved for parking in 1960. The current office building was constructed in 1970.

2.2. Future Land Use

It is anticipated that the two parcels which make up the Property, and the adjacent parcel to the east, will be redeveloped within the next 1 to 5 years as a high rise commercial building with below-grade parking. The Planned Development Excavation anticipates about seven levels of underground parking. Permanent drainage elements associated with the Planned Development Excavation will not extend below the top of the regional aquifer at the Property. The specific excavation depths and elevations will be further clarified in a subsequent CAP.

This RI/FS has been prepared with those development plans in mind, and the development plans play an important role in evaluating the cleanup alternatives presented in the FS.

A soil vapor extraction-air sparge system is currently operating on the north-adjointing (Thinker Toys) property. We understand that operation of the system is being conducted as an interim remedial action to prepare that property for a subsequent cleanup action that includes excavation and off-site disposal of PCE-contaminated soil. The Thinker Toys property is being cleaned up under the VCP program; the timing of the subsequent cleanup action at the Thinker Toys property is not known.

2.3. Environmental Setting

2.3.1. Topography

The Property and vicinity are located within the Puget Trough (lowlands) of the Pacific Border Physiographic Province (USGS, 2013). The Puget Lowland is a broad, low-lying region situated between the Cascade Range to the east and the Olympic Mountains and Willapa Hills to the west. The province is characterized by roughly north-south oriented valleys and ridges; the ridges locally form an upland plain at elevations of up to about 500 feet above mean sea level (AMSL). The moderately to steeply sloped ridges are separated by swales, which are often occupied by wetlands, streams, and lakes. The physiographic nature of the Puget Lowland was prominently formed during the last retreat of the Vashon Stade of the Fraser Glaciation, which is estimated to have occurred between 14,000 and 18,000 years before present (Waitt Jr. and Thorson, 1983).

The Property is located within the City of Bellevue at elevations ranging from approximately 150 to 160 feet AMSL. Ground surface slopes gently toward the south (King County iMAP, 2011). Lake Bellevue is located approximately 0.75 miles northeast of the Property; Lake Washington is located approximately 0.75 miles southwest.

2.3.2. Regional Geology, Hydrogeology, and Groundwater Use

The geology of the region is generally characterized by a thick sequence of glacial soil overlying Tertiary bedrock, with local areas of exposed surficial bedrock. The glacial soil is thickest in areas north of the Seattle Fault zone, where they range up to 5,000 feet thick (Galster and Laprade 1991). The glacial stratigraphic sequence of the Puget Lowland consists of generally fine-grained, low-energy, non-glacial and glacial lacustrine and fluvial deposits overlain by sandy glacial advance outwash. The advance outwash sand is overlain by glacially compacted till, which locally may be overlain by glacial recessional sand, organic peat, lacustrine, and alluvial deposits (Troost and Booth, 2008).

The quaternary glacial soils of the Puget Lowland include near-surface, nonglacial alluvial deposits, perched water-bearing zones located above and within glacial till, and higher yielding water-bearing zones in the underlying glacial advance outwash or older granular glacial and non-glacial deposits. Outwash sand deposits can be an important source of potable water supplies, particularly in suburban and rural locations within the Puget Lowland. Sandier soil intervals within glacial till can be water-bearing, but these are not usually used for potable water because they tend to be limited in extent, have low yield, and are more susceptible to water quality degradation.

According to the Ecology Water Well Logs database (Ecology 2013), there are two water supply wells located within the same township, section and range as the Property; the distance between these wells and the Property is not known. The wells are owned by King County Water District #68 and were installed in 1946 and 1947. Records indicate that these wells were completed to depths of 1,125 and 1,056 feet and screened no shallower than 250 feet bgs. The wells were installed before the City of Bellevue incorporated in 1953, and it is not apparent if these wells are still in use.

City of Seattle is the main source of potable water for the City of Bellevue; Seattle collects surface water from the Cascade Mountains (City of Bellevue, 2005). Current water supply wells within the City of Bellevue serve less than 50 people a day on average and are located more than one mile from the Property. There are no designated aquifer recharge areas within one mile of the Property.

2.3.3. Property Geology

Figures 5 and 6 are geologic cross sections that depict soil and groundwater conditions beneath the Property, the north-adjointing properties, NE 8th Street and 106th Avenue NE. Cross section locations are shown on Figure 2. Previous investigations on and adjacent to the Property encountered approximately 5 to 7 feet of loose to medium-dense silty sand with gravel varying locally to gravel with sand that is interpreted to be fill material. The fill appears to consist primarily of reworked native soil and imported structural fill. Below the fill, the Property is underlain by Vashon Till (Pacific NW Geologic Mapping, 2007), a unit of dense to very dense glacially compacted, poorly sorted and locally cemented silt, sand, gravel, and cobbles with localized silt-rich and sand-rich zones. Sand-rich beds or zones within the glacial till were encountered at depths of about 20 to 30 feet and with thicknesses ranging from 2 to 5 feet. These sand-rich zones are associated with the shallow perched groundwater. The glacial till typically extends to depths of 35 to 40 feet bgs, and is underlain by the more permeable sand and gravelly sand deposits of the Vashon Advance Outwash. Outwash extends to depths of approximately 75 to 90 feet bgs (Terra Associates, 2008). A dense, silty sand to sandy silt layer was encountered beneath the advance outwash in the deepest explorations that extended to depths of 101.5 feet bgs.

2.3.4. Property Hydrogeology

Previous investigations identified at least two water-bearing zones beneath the Property: a shallow discontinuous water-bearing zone perched within the Vashon Till, and a deeper regional aquifer located in the lower portions of the underlying Vashon Advance Outwash (see Section 3). The shallow water is associated with sandier lenses interbedded within the glacial till at depths ranging between approximately 22 and 30 feet bgs. Seven shallow wells at the Property are screened in the perched water zone; two deep wells are screened in the Advance Outwash aquifer. Two additional monitoring wells are completed in the Advance Outwash on the adjacent parcel to the east. Based on May 2010 measurements (the most comprehensive data set for the area) in the shallow wells and upgradient wells located on the Thinker Toys property, the perched groundwater is inferred to flow to the south-southwest with a gradient of 0.046 feet

per foot. The groundwater data suggest a southeasterly component to groundwater flow on a seasonal basis. Table 1 summarizes depth to groundwater and groundwater elevations in nine monitoring wells on the Property and two deep wells located on the adjacent parcel to the east. Perched groundwater elevation contours and inferred groundwater flow direction in May 2010 are shown on Figure 7.

Two wells at the Property (URS-MW-8 [SB-11] and B2/MW-2) were completed in the regional aquifer located in the Advance Outwash along with two deep wells (B1/MW1, B4/MW4) that were completed on the adjacent parcel to the east. Depths to groundwater in the regional aquifer ranged between 68 and 93 feet bgs from 2008 to 2011. Based on measurements in these four wells in October 2011, groundwater in the regional aquifer is inferred to flow to the south-southeast. Groundwater elevation contours for the Advance Outwash aquifer are shown on Figure 8.

3.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

The following section summarizes previous environmental investigations at the Property and/or the upgradient source property (also known as the Thinker Toys or BV Holdings Property). A summary of two investigations on the north-adjacent property is included to document how that property is the source of PCE contamination on the SRO Property. Tables 2 and 3 present soil and groundwater chemical analytical data obtained during site characterization and petroleum cleanup actions completed between 1990 and 1992. Chemical analytical data for soil and groundwater samples obtained from the Property between 2000 and 2011 are summarized in Tables 4 and 5, respectively. Additional chemical analytical data consisting of estimated (J-flagged)/low level VOC detections in soil and groundwater are presented in Tables 6 and 7, respectively.

Soil and groundwater conditions have been characterized extensively at the Property. From 2000 to 2011, approximately 50 soil/well borings have been completed throughout the SRO Property. From these borings, 263 soil samples were analyzed for PCE and other VOCs. Forty-seven soil samples from 23 borings were analyzed for petroleum hydrocarbons. Groundwater samples were collected for chemical analysis from 16 borings/wells on the Property. Forty-four groundwater samples from the wells were analyzed for PCE and other VOCs. Twenty-two groundwater samples were analyzed for benzene, ethylbenzene, toluene, xylenes (BTEX), 18 groundwater samples were analyzed for gasoline-range petroleum hydrocarbons (GRPH) and four groundwater samples were analyzed for diesel-range petroleum hydrocarbons (DRPH) and oil-range petroleum hydrocarbons (ORPH).

Figures 3, 9, 10 and 11 show the exploration/sample locations on the Property that are described in this Section. The locations of PCE detections in soil at the Property are shown in Figure 12. Cross-sections showing PCE contamination in soil on the Property and the Thinker Toys source property to the north are provided in Figures 13 and 14. A plan view map and cross-section showing PCE contamination in groundwater at the SRO Property and the Thinker Toys property are provided in Figures 15 and 16, respectively. Copies of boring logs that were obtained for this report are included in Appendix A. Copies of laboratory analytical reports that were obtained for this report are included in Appendix B.

3.1. 1990 Preliminary Environmental Site Assessment (SRO Property)

Sweet-Edwards/EMCON, Inc. performed a preliminary environmental site assessment (PESA) at UNOCAL Service Station 4511 in July 1990. The findings of the PESA are presented in a report to UNOCAL (Sweet-Edwards/EMCON Inc., 1990). Five exploratory soil borings were drilled and groundwater monitoring

wells were constructed in each of the borings (MW-1 through MW-5) at the approximate depth of the perched water zone (Figure 9). Selected soil samples from the borings were submitted for analysis of BTEX and total petroleum hydrocarbons (TPH). One soil sample collected from boring MW-5 located adjacent to former and existing waste oil USTs and an oil/water separator, was analyzed for halogenated VOCs (HVOCs). Groundwater samples from four of the five monitoring wells were analyzed for volatile and semivolatile hydrocarbon analyses (MW-5 was dry). Soil and groundwater data are presented in Table 2.

Soil Results. None of the soil samples contained detectable concentrations of benzene, toluene, or ethylbenzene. Xylenes were detected in MW-2 and MW-3 (northwest corner of the Property near fuel USTs) at concentrations less than the cleanup level. TPH was detected at concentrations less than current MTCA Method A cleanup levels in all 5 borings. HVOCs including PCE and TCE were not detected in the MW-5 soil sample from 7.5 feet bgs.

Groundwater Results. BTEX and TPH were not detected in the groundwater samples from wells MW-1, MW-2 and MW-4. TPH was not detected in the groundwater sample from MW-3. BTEX compounds were detected in the groundwater sample from MW-3 at concentrations less than MTCA Method A cleanup levels. Groundwater at the Property was encountered approximately 23 feet bgs; perched groundwater flow direction was interpreted to the southeast.

3.2. 1991-1992 UST Removal, Soil Excavation and Off-Property Disposal (SR0 Property)

Supplemental site assessment and cleanup action activities were performed at the Property in 1991 and 1992. Soil chemical data for these activities are presented and discussed in the UST Closure Assessment report (EMCON Northwest, 1992) and summarized in this section. Soil sampling locations are shown on Figures 10 and 11; soil analytical data are shown in Table 3. Groundwater at the Property was not sampled during the supplemental site assessment and cleanup activities. In Phase 1 of the cleanup action, two 10,000-gallon fuel USTs and associated piping, heating oil and waste oil USTs, a drywell and three hydraulic hoists were removed from the UNOCAL gas station at the Property in 1991 (EMCON Northwest, 1992). The historical layout of service station facilities is shown on Figure 4. Approximately 500 cubic yards of PCS were excavated from June to August 1991. This first phase of cleanup was followed in August 1991 by completing seven exploratory borings to depths of 14 to 40 feet to evaluate extent of the PCS. Phase 2 of the cleanup action involved removal of an oil/water separator, an unmarked waste oil UST and excavation of approximately 1,500 cubic yards of PCS from the Property from February to April 1992. PCS was removed from the former locations of the USTs, western pump island, hydraulic hoists, and drywell. Excavated soils were hauled to Rabanco's Seattle facility for disposal.

Soil Results. Soil samples collected during Phase one of the cleanup action showed that soil near the east wall of the gasoline tank excavation, heating oil/waste oil tank, hydraulics hoist, and dry well excavations, and former gasoline tank complex contained volatile and/or semivolatile fuel hydrocarbons at concentrations exceeding MTCA Method A cleanup levels. Four of the soil samples collected beneath the former waste oil tank and near the dry well were analyzed for polychlorinated biphenyls (PCBs); PCBs were not detected. Thirteen samples collected in the vicinity of the hydraulic hoists, dry well and waste oil UST were analyzed for VOCs. Petroleum-related VOCs either were not detected or were detected at concentrations less than MTCA Method A cleanup levels in 11 out of 13 samples. BTEX compounds were detected at concentrations exceeding cleanup levels in two soil samples collected beneath hoists. HVOCS were not detected in these samples except for methylene chloride (a common laboratory contaminant) detections in several dry well samples. These data are evidence that the hoists, dry well and waste oil UST

were not a source of the PCE detected on the Property in later studies. Several samples from the vicinity of the gasoline USTs and product lines were analyzed for lead; lead was not detected. Soil samples were collected from the base and sidewalls of the remedial excavations following Phase two removal of the PCS to confirm that remaining soil met MTCA Method A cleanup levels. Petroleum contaminants either were not detected in the base and sidewall samples obtained from the final limits of the excavations, or were detected at concentrations below cleanup levels. Subsequently, an opinion of NFA regarding the PCS cleanup action was issued by Ecology (Ecology, 1992).

3.3. 2000 Phase II Soil and Groundwater Investigation, URS (SRO Property)

URS conducted a soil and groundwater investigation on the Property in March 2000 to evaluate the potential environmental impacts from gasoline station operations on the subject property as well as dry cleaner and gasoline station operations on the north-adjacent property. The findings presented here were reported in the RI/FS for the north-adjointing property (SES, 2011). Eight soil borings (URSSB-OP1 through URSSB-OP8) were completed using a direct push rig. Soil samples were collected from each boring at depths of 6 and 18 feet bgs. Eleven of the soil samples were submitted for analysis of BTEX and GRPH; DRPH and ORPH. Four of the samples were analyzed for VOCs and two of the samples were analyzed for metals. Groundwater samples were collected from borings URSSB-OP1 and URSSB-OP3, which were advanced along the south edge of the Property. The groundwater samples were analyzed for BTEX, GRPH, DRPH, ORPH, VOCs and metals.

Soil Results. None of the soil samples contained detectable concentrations of GRPH, DRPH, BTEX, or VOCs. ORPH was detected at a concentration less than the MTCA Method A cleanup level in URSSB-OP7, which was completed in the northwest corner of the Property. None of the samples contained elevated concentrations of metals.

Groundwater Results. Petroleum hydrocarbons were not detected in the groundwater samples collected from borings URSSB-OP1 and URSSB-OP3. These borings were located downgradient of the former service station facilities. URSSB-OP3 was drilled near the former waste oil tank and drywell, facilities that were located near one another on the south side of the former service station.

Groundwater samples from borings URSSB-OP1 and URSSB-OP3 contained concentrations of PCE below the MTCA Method A cleanup level of 5 micrograms per liter ($\mu\text{g/L}$). PCE concentrations ranged from 1.7 to 2.1 $\mu\text{g/L}$. PCE was not detected in soil samples collected from 6 to 27 feet bgs at boring SRO-4 in the drywell-waste oil tank area. These data are evidence that the drywell and waste oil UST were not the source of the PCE detected on the Property. A concentration of arsenic exceeding the cleanup level was detected in the groundwater sample collected from URSSB-OP1. However, the field duplicate from URSSB-OP1 and the sample from URSSB-OP3 did not contain detectable concentrations of metals.

3.4. 2004 Phase II ESA, 10610 NE 8th Street, Golder Associates (Thinker Toys Property)

Golder conducted Phase II ESA investigations of soil and groundwater in January and February 2003 on the north-adjointing property to evaluate whether contamination was present from former dry cleaner and retail gasoline service station operations (Golder, 2004). Nine soil borings were advanced on the Thinker Toys property, three of which were completed as monitoring wells. Selected soil samples were submitted for laboratory analyses including GRPH, DRPH, and ORPH; metals; and VOCs including BTEX, PCE, TCE, DCE, and vinyl chloride. Groundwater samples were collected from an existing piezometer and two monitoring wells. The groundwater samples were submitted for analysis of VOCs; a groundwater sample from one

location (B2) also was analyzed for petroleum hydrocarbons. The soil and groundwater data are not tabulated in this report.

Soil Results. Soil samples from seven borings contained detectable concentrations of PCE to the maximum depths explored. Soil from three borings at depths between 7.5 and 20 feet bgs contained concentrations of PCE exceeding the 0.05 milligrams/kilogram (mg/kg) MTCA Method A cleanup level. One sample collected at a depth of 7.5 feet bgs also exceeded the MTCA Method B cleanup level (1.9 mg/kg at the time of the study). Soil from one boring located in the southeast portion of the Thinker Toys property (southeast of the former dry cleaner) did not contain detectable concentrations of Contaminants of Concern (COCs).

Groundwater Results. PCE concentrations exceeded the MTCA Method A cleanup level in groundwater samples collected from the three wells that were installed on the property north and southeast of the former dry cleaner. The remaining VOC analytes were not detected or were detected at concentrations less than cleanup levels. Petroleum hydrocarbons were not detected in the groundwater sample collected from the one well in which they were analyzed.

3.5. 2008 Limited Phase II ESA, Terra Associates (SRO Property)

The 1992 petroleum soil cleanup at the Property predated the 2001 revision of MTCA cleanup levels. In 2008, soil and groundwater conditions were investigated by Terra Associates to evaluate whether contaminant levels in soil and groundwater at the Property met the revised 2001 cleanup standards. Four soil borings were advanced and completed as monitoring wells; borings B1/MW-1 and B4/MW-4 were located off-Property to the east and borings B2/MW-2 and B3/MW-3 were located in the northwest portion of the Property (Figure 3). Boring B2/MW-2 was advanced to a depth of 101.5 feet bgs and screened within the regional aquifer. Boring B3/MW-3 was advanced to a depth of 30 feet bgs and was screened within the perched groundwater interval.

Field screening of soil cuttings did not detect any VOCs. Soil samples collected from boring B2/MW-2 at depths of 5, 15, and 25 feet bgs were submitted for analysis of GRPH, DRPH, and ORPH. Soil samples from B1/MW-1, B3/MW-3 and B4/MW-4 were not submitted for chemical testing. Groundwater samples were collected from monitoring wells B2/MW-2 through B4/MW-4 and submitted for analysis of GRPH, DRPH, and ORPH and VOCs. No groundwater samples from B1/MW-1 were submitted for chemical testing.

Soil Results. Soil samples from boring B2/MW-2 did not contain detectable concentrations of GRPH, DRPH, or ORPH.

Groundwater Results. The groundwater sample from well B3/MW-3 had a concentration of PCE that exceeded the MTCA Method A cleanup level; GRPH, DRPH, and ORPH were not detected. No COCs were detected in deep wells B2/MW-2 and B4/MW-4.

3.6. 2008 Limited Phase II Site Investigation, URS (SRO Property)

In August and September of 2008, URS completed an investigation at the Property to further delineate VOC contamination in soil and groundwater (URS, 2008). Eight soil borings were drilled to depths between 28 and 75 feet bgs. A temporary well was used to collect a groundwater sample from URS-SB-3; four of the borings were completed as monitoring wells (URS-MW-1 through URS-MW-4). Soil samples were collected from each boring; water samples were collected from four wells (wells URS-MW-2 and URS-MW-4 were dry).

Soil Results. PCE was detected in soil at concentrations exceeding the MTCA Method A cleanup level between 12.5 and 45 feet in five borings (URS-SB-1 through SB-3 and URS-MW-1, URS-MW-4). The PCE concentrations in samples from these five borings ranged between 0.05 and 0.41 mg/kg, and concentrations were highest near the northern property boundary. The PCE detections at URS-MW-4 in the southeast portion of the Property represent a data gap that will be evaluated further during the cleanup action. The URS-MW-4 PCE detection in a soil sample at 12.5 feet bgs is the shallowest detection of PCE on the Property. This soil sample was obtained at a depth that is above the perched groundwater level at the Property. Soil collected from URS-MW-2, URS-MW-3 and URS-SB-4 did not contain detectable concentrations of PCE. PCE concentrations generally declined with depth. BTEX and petroleum hydrocarbons were not detected in any of the samples that were tested.

Groundwater Results. PCE concentrations in groundwater exceeded the MTCA Method A cleanup level in three out of four wells that were tested. The concentrations in the wells with exceedances ranged between 21 and 340 µg/L; concentrations were highest on the northern side of the Property. PCE was not detected in URS-MW-3, a well located southeast (downgradient) of the former service station facilities. BTEX and gasoline-range hydrocarbons were not detected in groundwater samples from four borings/wells including URS-SB-3 and URS-MW-3 which are located downgradient of shallow PCS detections. These data indicate that impacts to shallow groundwater at the Property, if present, have not extended to these downgradient locations.

3.7. 2010 Supplemental Subsurface Investigation, Farallon (SRO Property and Thinker Toys Property)

Soil and groundwater on the Property were investigated in 2010 by Farallon Consulting as part of a larger study examining the extent of the PCE plume originating from the north-adjacent Thinker Toys property (Farallon, 2010). The summary presented here was based on review of the Thinker Toys RI/FS report (SES, 2011). A summary of soil and groundwater analytical data collected at the SRO Property during this study is provided in this section. A brief summary of soil and groundwater results for the Thinker Toys property also is provided below.

Two monitoring wells (MW-19 and MW-20) were completed at the SRO Property in the perched groundwater zone, and 21 soil borings (SRO-1 through SRO-21) were completed between depths of 6 and 30 feet bgs. On the Thinker Toys property, eight monitoring wells and 22 soil borings were completed between depths of 19 and 51 feet bgs.

Soil Results on the SRO Property. Soil samples collected from borings SRO-1, SRO-2, SRO-3, SRO-7, SRO-8, and SRO-9 at depths of 20 to 30 feet bgs contained PCE at concentrations between 0.05 and 0.43 mg/kg that exceeded the MTCA Method A cleanup level. Contaminant concentrations were highest in the northwest corner of the Property. Gasoline concentrations exceeded the MTCA Method A cleanup level in soil collected from SRO-3, SRO-7 and SRO-17 at depths between 1 and 9 feet bgs. Diesel- and oil-range petroleum concentrations exceeding cleanup levels were detected in the soil sample collected from boring SRO-13 at a depth of 0.5 feet bgs. Petroleum hydrocarbons were not detected in the samples collected below nine feet bgs. Gasoline-, diesel- and oil-range exceedances appear to be localized areas of residual petroleum that remained after the 1992 cleanup (Table 4). Trace concentrations of ethylbenzene and xylenes were detected at 1.8 feet bgs in SRO-17. BTEX was not detected in any of the remaining samples.

Boring SRO-4 was drilled near the former location of a drywell and a waste oil tank that were removed in 1992 during closure-cleanup of the former service station. Six soil samples were collected from SRO-4 between 6 and 30 feet bgs and submitted for chemical analysis of VOCs. PCE was not detected in the samples between 6 and 27 feet bgs. PCE was detected at a concentration of 0.038 mg/kg (less than cleanup level) in the sample collected from 30 feet bgs. Based on depth to water measured in nearby monitoring well MW-20, this soil sample was collected below the perched groundwater level. Because PCE was not detected in soil samples from the unsaturated zone at this location, the data indicate that PCE detected at 30 feet in SRO-4 did not come from the nearby waste oil tank or drywell.

Groundwater Results on the SRO Property. Concentrations of PCE exceeding the MTCA Method A cleanup level in groundwater were detected in samples from wells B3/MW-3, MW-19, and URS-MW-1. The highest concentration of PCE (460 µg/L) was detected in well URS-MW-1 in the northwest corner of the Property. TCE concentrations exceeded the cleanup level in groundwater from monitoring well URS-MW-1. COC concentrations were below cleanup levels and/or the laboratory reporting limits in groundwater samples from wells B2/MW-2, MW-20, URS-MW-2, and URS-MW-3.

Soil Results from 10610 NE 8th Street (Thinker Toys Property). PCE concentrations exceeded the cleanup level in soil collected across the property to depths of 25 to 35 feet bgs. The highest concentrations of PCE in soil exceeded the MTCA Method B cleanup level (1.9 mg/kg at the time) and were encountered at depths between 2.5 and 20 feet bgs in the central-north portion of the property. Soil containing PCE exceeding the Resource Conservation and Recovery Act (RCRA) Land Ban Value of 60 mg/kg was encountered in two shallow samples beneath the former building at the property. TCE concentrations in soil exceeded the cleanup level at depths between 2.5 and 28 feet bgs. Gasoline concentrations in soil exceeded the MTCA Method A cleanup in the central portion of the property between depths of 0.8 and 15 feet bgs. Diesel and oil concentrations in soil exceeded the cleanup level in two borings at depths ranging from 0.8 to 4.5 feet bgs. These data are not tabulated in this report.

Groundwater Results on 10610 NE 8th Street (Thinker Toys Property). Concentrations of PCE exceeding the cleanup level were detected in groundwater samples from 11 wells located across the property. Concentrations of PCE ranging between 5,700 and 9,800 µg/L were detected in two wells located in the central portion of the property. TCE and/or cis-1,2-DCE concentrations exceeding the cleanup level were detected in groundwater from six wells. Gasoline-range petroleum was detected at a concentration exceeding the cleanup level in groundwater from one monitoring well. These data are not tabulated in this report.

3.8. 2011 Soil Investigation, Hart Crowser (SRO Property)

In August 2011, Hart Crowser (HC) conducted an investigation at the SRO Property to evaluate the vertical extent of PCE contamination deeper than 30 feet bgs (AAL, 2011; Hart Crowser, 2011; URS, 2011a). The HC sample locations were communicated by URS in a proposal to SRO to conduct a data gap investigation. Information available to review from the HC study was limited to sample locations, sample depths, and laboratory analytical results.

Three borings (HC-1, HC-2 and HC-3) were completed to 50 feet bgs in the northwest portion of the Property. Soil samples were collected for analysis between 20 and 50 feet bgs. PCE was detected in all three borings from approximately 22 to 50 feet bgs at concentrations exceeding the MTCA Method A cleanup level. The

highest concentrations ranged from 0.9 to 2.3 mg/kg and were detected at depths ranging between 37 and 50 feet bgs.

3.9. 2011 Supplemental Data Gap Investigation, URS (SRO Property)

In October-November 2011, URS conducted a soil and groundwater investigation at the Property to address data gaps identified from previous investigations (URS, 2011a). The results of this investigation were submitted in a data transmittal to SRO (URS, 2011b). Nine soil borings were completed at the Property to 80 feet bgs; boring URS-SB-11 in the southwest corner was completed as monitoring well URS-MW-8. Soil samples were submitted from all the borings for VOC analysis; groundwater samples from 11 temporary and permanent wells at the Property were analyzed for VOCs.

Soil Results. PCE was detected at concentrations (approximately 0.05 to 0.3 mg/kg) exceeding the MTCA Method A cleanup level in borings URS-SB-9, SB-13 and SB-14 at depths of 40 to 65 feet bgs. PCE was not detected or was detected at low levels in the remaining six borings. TCE and cis-1,2-DCE were detected in several soil samples, typically in samples where PCE was detected. Concentrations of TCE and cis-1,2-DCE detected in these samples did not exceed MTCA cleanup levels.

VOCs including methylene chloride, chloroform, chloromethane, and methyl tert-butyl ether (MTBE) were detected in several soil samples. However, these compounds were detected at low concentrations, less than the laboratory reporting limits and MTCA cleanup levels. Analytical results for these low level detections are presented in Table 6.

Groundwater Results. PCE concentrations in the shallow, perched groundwater exceeded the MTCA Method A cleanup level in three wells located in the northwest corner of the Property (URS-MW-1, MW-19 and B3/MW-3). PCE concentrations in these wells ranged between 23 and 114 µg/L. PCE was not detected or was detected at low levels in the eight remaining wells. The groundwater flow direction in the perched zone was to the south-southwest.

A deep groundwater sample collected from a temporary well in boring URS-SB-9 at 77 feet bgs was analyzed for VOCs. Boring URS-SB-9 is located in the northwest portion of the SRO Property, immediately downgradient of the Thinker Toys property, in an area that has high levels of PCE in soil and shallow perched groundwater. PCE was detected in this groundwater sample at an estimated concentration of 0.27 µg/L, well below the laboratory reporting limit and the MTCA cleanup level.

Naphthalene was detected at an estimated concentration of 0.23 µg/L in a deep groundwater sample collected from URS-SB-15. This concentration is below the laboratory reporting limit of 1.0 µg/L and several orders of magnitude below the 160 µg/L cleanup level. MTBE was detected at a concentration (1.0 µg/L) well below the MTCA cleanup level (20 µg/L) in the sample from URS-MW-8 (SB-11). Methylene chloride, chloroform and chlorobenzene were detected in several groundwater samples collected during this study at concentrations well below MTCA cleanup levels. Analytical results for these low level detections are presented in Table 7.

3.10. Data Gap Analysis

Previous investigations have delineated the lateral and vertical extent of PCE- and petroleum-contaminated soil and PCE-contaminated groundwater beneath the Property. Although the environmental investigations at the Property have focused on the extent of VOC/PCE contamination, the extent of residual petroleum

contamination also has been thoroughly evaluated. Thirty-eight soil samples were analyzed for GRPH, DRPH, and ORPH on the Property during the post-1990s environmental investigations summarized above. An additional 32 soil samples were analyzed for GRPH only. These 70 soil samples were collected from 23 borings at depths ranging from 0.5 to 40 feet bgs. Three of the 70 samples contained GRPH at concentrations exceeding the cleanup level, and one sample contained ORPH at a concentration exceeding the cleanup level. Three of the four samples that had petroleum exceedances were collected less than 2 feet bgs. The fourth sample was collected from 9 feet bgs. At each boring, a soil sample collected below the contaminated sample did not contain petroleum at concentrations exceeding cleanup levels. Petroleum either was not detected or was detected at concentrations well below cleanup levels in 66 out of 70 soil samples that were tested. As described in the draft Cleanup Action Plan, a large number of soil samples will be collected and analyzed during excavation/cleanup to further characterize the lateral and vertical extent of PCE and residual petroleum contamination during excavation. The shallow PCE soil contamination near URS-MW-4 in the southeast portion of the Property is a data gap that will be evaluated further by soil sampling/chemical analyses during the cleanup action. In our opinion, the Property has been adequately characterized and the remaining data gaps will be addressed during construction activities and post-construction monitoring. The extent of PCE-contaminated soil and groundwater west and south of the Property related to the PCE release at the Thinker Toys property has not been fully delineated; however those areas are beyond the boundary of the subject Property being addressed in this RI/FS report.

4.0 CONCEPTUAL SITE MODEL

A Conceptual Site Model (CSM) has been developed for the Property from historical research and multiple phases of investigation conducted by others as discussed in Section 3. The CSM includes discussion of contaminant sources, the chemicals and media of concern, the fate and transport of those chemicals, and potential exposure pathways that could affect human or environmental health. The CSM is the basis for developing feasible cleanup options and selecting a preferred cleanup action. Figures 13 through 16 provide a graphic display of PCE contamination extent in soil and groundwater at the subject Property and adjacent parcels.

4.1. Source Area

The investigations conducted on the Property and surrounding properties indicate that chlorinated solvent (VOC) contamination of soil and groundwater beneath the Property resulted from releases at the dry cleaning facility that operated on the north-adjacent property (10610 NE 8th Street, also known as the Thinker Toys or BV Holdings Property) from 1976 to 1986. The VOCs released on the Thinker Toys source property migrated passively to the south with groundwater and resulted in VOC contamination on the SRO Property. The highest VOC concentrations in soil on the former Thinker Toys property were detected at depths ranging from 4 to 19 feet bgs, near an existing sump. The highest concentrations of PCE in groundwater also were detected in this same area beneath the former dry cleaner building. The presence of PCE as dense non-aqueous phase liquid (DNAPL) has not been identified beneath the former dry cleaner building or nearby areas, but DNAPL may be present beneath the Thinker Toys property based on the high concentrations of PCE that have been detected in soil and groundwater.

At the SRO Property, PCE has been detected in soils at depths ranging between 12 and 65 feet bgs, in perched groundwater from approximately 20 to 30 feet bgs and historically at low concentrations in the deeper regional aquifer. As discussed in section 3.7, PCE was not detected in soil samples collected

throughout the unsaturated zone in boring SRO-4, located immediately adjacent to the former service station drywell and waste oil UST, indicating that these facilities were not sources of PCE releases. The distribution of PCE in soil and groundwater indicate that the source of PCE at the Property is the upgradient Thinker Toys site. The former use of the SRO Property as a service station does not appear to have contributed to the PCE detected in soil and ground water at the Property. PCE detections in soil at URS-MW-4 in the southeast portion of the Property represent a data gap that will be evaluated further during the cleanup action.

A gasoline service station that operated at the Property for more than 30 years was demolished in the early 1990s. Several studies indicate that petroleum releases from USTs and other gas station facilities impacted shallow soil at the Property. USTs, associated facilities and most of the PCS were removed during cleanup actions in 1991 and 1992. Gasoline-, diesel- and/or oil-range PCS was detected in four borings on the Property in 2010 at concentrations exceeding MTCA cleanup levels (MTCA exceedances at depths of less than two feet in three borings; an exceedance at a depth of 9 feet at one location). BTEX and petroleum hydrocarbons have not been detected in groundwater samples collected from five shallow borings/wells located downgradient of the former service station facilities. These groundwater data indicate that PCS impacts to shallow groundwater at the Property, if present, have not extended to these on-Property downgradient locations.

Naphthalene was detected at an estimated concentration of 0.23 µg/L in a groundwater sample from boring URS-SB-15 at 75 feet bgs. BTEX compounds were detected at low concentrations in soil samples from borings SRO-8, URS-SB-10 and URS-SB-13 at depths of 22 to 75 feet bgs. Except for these estimated/low level detections, naphthalenes, BTEX and petroleum hydrocarbons have not been detected in the large number of soil samples collected in and below the perched groundwater at the Property. These data provide strong evidence that the shallow petroleum contamination at the Property has not mixed/co-mingled with the underlying PCE plume that migrated to the Property from the Thinker Toys site.

4.2. Contaminants of Concern

The COCs for the Property include potentially hazardous or toxic compounds which have a history of use at or upgradient of the Property, or which were detected in environmental media during previous investigations. Several potential COCs that were evaluated by extensive chemical testing at the Property had non-detect results, are common laboratory contaminants, or are directly associated with another primary COC. Based on these criteria, potential COCs that have been screened out as COCs for purposes of the FS and cleanup action include naphthalenes, acetone, chloroform, chloromethane, and methylene chloride. The COCs at the Property that are retained for consideration in the FS and cleanup action are PCE and its related degradation products (TCE, cis-1,2 DCE, trans-1,2 DCE, vinyl chloride), 1,2-DCA, GRPH, DRPH, ORPH, BTEX and MTBE.

4.3. Media of Concern

Soil, perched shallow groundwater, deeper groundwater in the underlying advance outwash aquifer and soil vapor are the media of concern at the Property.

4.4. Contaminant Fate and Transport

This section discusses transport processes and environmental fate of COCs in the subsurface. The discussion focuses on PCE because it is the most widespread COC at the Property, and daughter

compounds TCE, DCE and vinyl chloride have similar fate and transport characteristics to PCE. The data show that less prevalent HVOC contaminants (e.g. TCE, DCE) will be addressed by any remedial action that addresses PCE. Fate and transport of localized, residual petroleum in shallow soil is discussed based on detections in several soil samples at concentrations exceeding MTCA cleanup levels. BTEX, MTBE and 1,2,-DCA are VOCs associated with gasoline and are considered to have similar fate and transport characteristics as gasoline-range contamination for the purpose of this discussion.

Soil and groundwater data indicate that contaminated perched groundwater on the north-adjointing Thinker Toys property has transported PCE by advective flow to the south and southwest onto the subject Property. Soil within and below the primary zone of perched groundwater has been contaminated by direct adsorption of PCE from groundwater onto soil.

Transport of PCE by perched groundwater flow from the source property to the SRO Property is supported by the south-southwest groundwater flow direction in the area and the PCE plume map and cross-section shown in Figures 15 and 16, respectively. Transport of PCE by advective groundwater flow also is supported by the PCE concentrations in soil and groundwater that decrease with distance away from the source area as a function of mixing with unaffected groundwater and sorption of dissolved-phase PCE onto soil particles.

Based on available VOC groundwater data collected from deep boring URS-SB-9 and five wells screened in the Advance Outwash aquifer beneath and adjacent to the SRO Property and on the Thinker Toys (source) property, the regional aquifer has been impacted by PCE to some extent. In 2008, PCE was detected at concentrations less than the MTCA cleanup level in deep wells B2/MW-2 located in the north portion of the SRO Property and B4/MW-4 located approximately 60 feet east of the subject Property. PCE was detected at an estimated concentration less than laboratory reporting limits in a deep groundwater sample collected from boring URS-SB-9 in the northwest portion of the SRO Property immediately downgradient of the Thinker Toys site. PCE has not been detected in the other three deep wells located on SRO property and the Thinker Toys property, and was not detected in wells B2/MW-2 and B4/MW-4 during more recent sampling events in 2010 and 2011. The dense glacial till and dense silty outwash soil overlying the aquifer has relatively low permeability and appears to act as an aquitard to limit contaminant migration to the deeper groundwater beneath the Property. This is supported by dry soil observed in soil borings at the Property at depths beneath the perched groundwater and above the deeper groundwater in the Advance Outwash. In an opinion letter dated July 27, 2011 for the Thinker Toys RI/FS and Interim CAP, Ecology stated "...this suggests the till and outwash sediments between the Perched Interval and the Shallow Aquifer are an effective aquitard and barrier to PCE migration". However, the PCE detections in groundwater samples from two deep wells in 2008 and the groundwater sample from URS-SB-9 indicate that there is hydraulic connection between the shallow perched water and the deeper groundwater in the regional aquifer. The potential still exists for the regional aquifer at the Property to be further contaminated by PCE in the future if effective remedial action is not taken at the source (Thinker Toys) property.

After PCE is released to the subsurface, naturally-occurring processes such as hydrolysis and reductive dehalogenation can attenuate PCE and result in gradually decreasing concentrations and breakdown into non-toxic components such as chloride and carbon dioxide. PCE also can be attenuated biologically by reductive dechlorination and degradation under the right conditions.

By-products of biologic and chemical attenuation (TCE and DCE) have been detected in soil and shallow groundwater at the Property indicating that biological and/or chemical attenuation processes are occurring. These processes tend to occur slowly and can take decades to result in substantial decreases in chlorinated

solvent concentrations. Natural attenuation can be especially slow in dense, silty glacial till soils like those present at the Property.

The source of the residual shallow petroleum contamination is releases from former service station fueling facilities (USTs and fuel lines) and other facilities including hydraulic hoists. Most of the PCS was removed by remedial excavation during the 1990s cleanup action. Petroleum in subsurface soil breaks down gradually over many years via biodegradation processes. Petroleum (G, D, O ranges) has not been detected in groundwater at the Property. Low levels of gasoline-related VOCs including BTEX, MTBE and 1,2,-DCA have been detected in some soil and/or groundwater samples collected after the post-1990s petroleum cleanup. These compounds are soluble in water and can be transported from shallow soil to groundwater by infiltrating precipitation. These compounds undergo natural attenuation in the environment by biological and chemical processes.

4.5. Exposure Pathways

This section identifies the confirmed and potential human health and ecological exposure pathways at the Property related to PCE and petroleum contamination. The objective is to identify those pathways requiring mitigation/remediation and apply the findings to potential cleanup actions. Potential short-term exposure of workers to PCE contamination during construction of the proposed development is not discussed here because that will be addressed in worker health and safety plans. Workers handling soil and groundwater with PCE levels exceeding MTCA cleanup levels will need to be Hazardous Waste Operations and Emergency Response (HAZWOPER) trained. The need for HAZWOPER training also will apply to workers who periodically maintain the wall drain groundwater capture system that is a long-term engineering control for the project.

4.5.1. Soil Pathway

Potential pathways of exposure from PCE-contaminated soil include volatilization and potential inhalation of PCE-impacted air (covered in Section 4.5.3), and dermal contact/ingestion. Dermal contact/ingestion also is a potential exposure pathway for the residual petroleum-contaminated soil. Another potential pathway is leaching of PCE/PCE daughter compounds, petroleum hydrocarbons and petroleum-related VOCs from contaminated soil to groundwater. However, the potential for petroleum and petroleum-related VOCs leaching from soil to groundwater is relatively low, in our opinion. This is due to the shallow nature of the remaining soil contamination, data that shows petroleum has not been detected in groundwater at the Property, and the low concentrations of petroleum-related VOCs detected at the Property. These potential pathways are retained for consideration in the FS. Protection from the direct contact exposure pathways would require capping or excavation. Mitigation of the soil-to-groundwater pathway would require treatment or removal of contaminated soil.

4.5.2. Groundwater Pathway

Potential pathways of exposure from PCE-contaminated groundwater include volatilization and subsequent exposure through the vapor pathway (covered in Section 4.5.3), direct contact, or ingestion. These potential pathways are retained for consideration in the FS. There are no potable water supply wells in the vicinity of the Property. The Advance Outwash (regional) aquifer underlying the perched groundwater zone may qualify as a potential future source of potable water. However, because of the availability of the municipal water supply in the vicinity of the Property, there is clearly a low probability that this aquifer would be used as a potable water source.

Existing utility corridors are present at elevations higher than the perched groundwater at the Property. Utility corridors do not appear to provide preferential pathways for contaminant migration via groundwater.

It is important to note that SRO is not a potentially liable party (PLP) for PCE impacts to groundwater, either within the perched groundwater or within the regional aquifer. The source of any such impacts is the Former Thinker Toys Site. The planned remediation concurrent with redevelopment, as discussed in the FS, will remediate impacts on the Property and the development will eliminate the possibility for the extraction and use of groundwater at the Property.

4.5.3. Vapor Pathway

Soil vapor (i.e. the air in the pore space between soil grains in the unsaturated zone) can be impacted by volatilization of PCE from soil and groundwater. In areas with no structures, vapors rising to the surface would be dispersed into the atmosphere, where dilution and degradation would occur rapidly. The risk of exposure from soil gas is by intrusion/seepage into enclosed structures and inhalation of PCE-impacted air by building occupants. No structures currently exist on the portion of the Property where the groundwater plume is located, so the vapor pathway is not considered a high exposure risk under current conditions. According to MTCA Method B screening levels calculated following methods outlined in Ecology (2009), the presence of PCE concentrations in groundwater exceeding 24 µg/L or in soil vapor beneath a building structure exceeding 96 micrograms per cubic meter (µg/m³) has the potential to impact indoor air through a concrete floor slab. An exposure pathway could be created during future redevelopment of the Property, particularly in the northwest corner where PCE concentrations are highest in soil and groundwater. Therefore, the soil vapor pathway will be considered during evaluation of remedial cleanup alternatives.

4.6. Terrestrial Ecological Evaluation

WAC 173-340-7940 requires a Terrestrial Ecological Evaluation (TEE) to be completed at sites where there has been a release of hazardous substances to soil. The TEE is intended to assess potential ecological risks (i.e., plants and animals that could be affected by contamination). A copy of the TEE form that was completed for the Property is included in Appendix C. According to the criteria in WAC 173-340-7491(1)(c)(i), the Property qualifies for an exclusion from a TEE because: "There is less than 1.5 acres of contiguous undeveloped land on the site or within 500 feet of any area of the site."

5.0 RI SUMMARY, CAOS, ARARS AND CLEANUP STANDARDS

RI summary statements, cleanup action objectives (CAOs), applicable or relevant and appropriate requirements (ARARs), and Cleanup Standards for the SRO Property are presented in this section. These elements are used to screen, evaluate and select remedial alternatives in the Feasibility Study (FS).

5.1. RI Summary

Multiple investigations have been conducted to characterize the lateral and vertical extent of PCE- and petroleum-contaminated soil (PCS) and PCE-contaminated groundwater at the Property. The presence of residual PCS appears to be shallow, and petroleum-impacted groundwater has not been detected after the 1990s cleanup at the Property except for low level detections of naphthalene and MTBE in two samples. The source of the shallow PCS is attributed to a former service station that operated on the SRO Property for many years. PCE-contaminated soil and groundwater exists beneath the SRO Property from releases of chlorinated solvent at a former dry cleaning facility on the upgradient Thinker Toys property. PCE also is

present in the southeast portion of the SRO Property near URS-MW-4. The SRO Property is continuing to be affected by PCE through transport-passive migration of groundwater flowing from the Thinker Toys Property to the SRO Property. PCE has been detected at concentrations exceeding MTCA cleanup levels in soil and groundwater at the Property between approximately 12 and 65 feet bgs.

Based on the soil data presented in Tables 4 and 6 and discussed in this report, PCE, TCE and petroleum hydrocarbons were the only compounds detected in post-cleanup soil at concentrations exceeding MTCA cleanup levels. Based on the groundwater data in Tables 5 and 7, PCE, TCE, and cis-1,2-DCE were the only compounds detected in groundwater samples at concentrations exceeding or close to MTCA cleanup levels. PCE and its daughter compounds, petroleum hydrocarbons, BTEX, MTBE and 1,2-DCA are the proposed COCs for soil confirmation sampling at the limits of the cleanup excavation, and for post-construction groundwater monitoring. Several potential COCs that were evaluated by extensive chemical testing at the Property and had non-detect results, are common laboratory contaminants, or are directly associated with another primary COC were not carried forward as COCs for the FS and cleanup action. These compounds include methylene chloride, chloroform, chloromethane, acetone and naphthalenes.

In our opinion, the Property has been characterized sufficiently to establish cleanup standards and allow selection of a MTCA-compliant cleanup action.

5.2. Cleanup Action Objectives

The overall objective of the cleanup action is to achieve compliance with MTCA in conjunction with development of the planned high rise commercial building that is proposed for the Property. The primary goal will be to complete a cleanup action that is protective of human health and the environment. It is anticipated that all soil exceeding MTCA cleanup levels will be removed via the Planned Development Excavation. Though unlikely, it is possible that PCE-contaminated soil may remain in limited areas at the bottom of the Planned Development Excavation. Confirmation soil samples will be collected to evaluate/document soil conditions at the vertical and lateral limits of the Planned Development Excavation. Groundwater originating outside the Property with VOC concentrations exceeding cleanup levels will be captured at the north, south and west Property boundaries in subsurface building wall drains for permitted discharge during construction and long-term post-construction.

CAOs define the benchmarks that remedial alternatives should meet to be selected for further consideration in the Feasibility Study. Those benchmarks include:

- Implement administrative principles for cleanup (WAC 173-340-130);
- Meet the requirements, procedures, and expectations for conducting an FS and developing cleanup action alternatives as discussed in WAC 173-340-350 through 173-340-370; and
- Develop cleanup levels (WAC 173-340-700 through 173-340-760) and remedial alternatives that are protective of human health and the environment.

Property-specific CAOs that take into account the proposed future property redevelopment include:

- Avoid generating dangerous waste by obtaining a Contained-In Determination from Ecology for PCE-contaminated soil. The Contained-In Determination will allow for proper disposal of PCE-impacted soils at permitted landfills that are protective but less costly than dangerous waste disposal facilities.

- Remove contaminated soil and groundwater throughout the Property to achieve cleanup levels for unrestricted land use.
- Develop and implement engineering controls to capture off-Property PCE-contaminated groundwater from the perched zone. The intent is to capture water along the north, south, and west boundaries of the Property and dispose the water to prevent recontamination of the Property. The wall drainage system in the portion of the Property impacted by the PCE plume will be designed to prevent migration of the contaminated perched water to the deeper advance outwash aquifer. These engineering controls will need to be operated for many years until groundwater in the vicinity of the Property no longer contains PCE at concentrations exceeding the MTCA Method A cleanup level.
- Develop and implement engineering controls as needed at the Property to mitigate risk of vapor intrusion in the proposed building/underground parking structure.
- Obtain a property-specific No Further Action opinion from Ecology for the SRO Property.

5.3. Applicable or Relevant and Appropriate Requirements

As required by WAC 173-340-710, the selected cleanup action for the Property will comply with applicable local, state and federal laws and regulations. MTCA (173-340 WAC) represents the primary regulation that establishes cleanup standards, cleanup levels and other requirements for cleanup of the Property. Cleanup standards and applicable cleanup concentrations (screening levels) for contaminants of concern in soil and groundwater are presented in Section 5.4.

In addition to the MTCA cleanup regulation, key ARARs that are applicable to the cleanup action at the SRO Property include:

- Washington Dangerous Waste Regulations; WAC 173-303.
- Solid Waste Management Act; RCW 70.95; WAC 173-304 and 173-351.
- Occupational Safety and Health Administration Regulations (OSHA); 29 CFR Parts 1910 and 1926.
- Washington Department of Labor and Industries Regulations; WAC 296.
- City of Bellevue and King County regulations and codes.

5.4. Cleanup Standards

Cleanup standards developed under MTCA must also meet the statutory requirement to be at least as stringent as other applicable state and federal laws. The cleanup standards discussed in this section include cleanup levels and points of compliance.

5.4.1. Cleanup Levels

Cleanup levels for the Property were selected to be consistent with the CAOs and address the petroleum and chlorinated solvent COCs. Soil and groundwater cleanup levels and their regulatory source are presented in Table 8. The proposed soil cleanup levels generally are MTCA Method A for Unrestricted Land Use for COCs that have a Method A cleanup level. The proposed groundwater cleanup levels generally are MTCA Method A. If there is no Method A soil cleanup level for a particular COC, the proposed cleanup level is MTCA Method B-derived for protection of groundwater. The worksheet presenting the calculations for the Method B soil cleanup levels is presented in Appendix D. If there is no Method A groundwater cleanup

level for a particular COC, the proposed cleanup level is MTCA Method B Standard Formula for drinking water (carcinogen or noncarcinogen as appropriate).

5.4.2. Points of Compliance

Points of compliance are the points on the Property where soil and groundwater cleanup levels shall be attained.

5.4.2.1. Point of Compliance for Groundwater

The point of compliance for groundwater is defined in MTCA as the uppermost level of the saturated zone extending vertically to the lowest depth that could potentially be impacted by the COCs (WAC 173-340-720[8]). The point of compliance for the SRO Property is applicable to groundwater located within the Property boundaries for the full vertical extent of groundwater impacts.

5.4.2.2. Point of Compliance for Soil

The point of compliance for direct contact with soil is from the ground surface to 15 feet bgs (per WAC 173-340-740[6]). However, because contaminated groundwater is present at the Property, the point of compliance for soil is throughout the Property to all depths. Current redevelopment plans indicate that soil in the portion of the Property where PCE- and petroleum-contaminated soil has been identified will be removed to the maximum depths of the Planned Development Excavation. Contaminated soil will be disposed at permitted facilities; PCE-contaminated soil will be disposed in accordance with a Contained-In Determination that will be obtained from Ecology.

5.4.2.3. Point of Compliance for Soil Vapor

Cleanup standards and points of compliance for soil vapor have not been established in Washington State. However, Ecology (2009) has published draft guidance that includes soil gas screening levels. The draft guidance identifies two points of compliance for soil vapor: sub-slab (immediately below a structure) and soil gas that is 15 feet or more bgs. The sub-slab screening levels are also applicable to soil vapor samples obtained at depths between 5 and 15 feet bgs.

6.0 FEASIBILITY STUDY

This FS is being performed in support of the proposed development at the Property to assure that the remedial action will be protective of human health and the environment. The primary purpose of the FS is to develop and evaluate cleanup action alternatives and select a preferred cleanup alternative that meets the MTCA requirements for cleanup actions described in WAC 173-340-360. The remedial alternatives evaluation assumes that cleanup will take place during redevelopment of the Property. Current development plans call for construction of a multi-story commercial building with up to seven levels of underground parking. The planned redevelopment will require demolition of existing buildings, installation of an engineered shoring system along the Property boundary, and the Planned Development Excavation to allow for about 7 floors of underground parking. It is anticipated that the Planned Development Excavation will result in the complete or near-complete removal of PCE-impacted soil throughout the Property. Remedial alternative screening criteria, identification of remedial alternatives, eliminated alternatives, and selection of the preferred remedial alternative are presented in the following sections. Detailed information regarding the Planned Development Excavation and implementation of the preferred remedial alternative are presented in a separate CAP (GeoEngineers, 2014).

6.1 Remedial Alternative Screening Criteria

6.1.1. Threshold Requirements

MTCA specifies threshold (minimum) requirements for cleanup actions that are useful for evaluating remedial alternatives. The threshold requirements for cleanup actions specified in WAC 173-340-360 are:

- Protect human health and the environment.
- Comply with cleanup standards.
- Comply with applicable state and federal laws.
- Provide for compliance monitoring.

6.1.2. Additional Requirements

MTCA states that remedial alternatives which meet the threshold requirements shall also be evaluated against the following criteria:

- I. Use permanent solutions to the maximum extent practicable based on the following criteria from WAC 173-340-360(3)(f):
 - **Protectiveness** – Overall protectiveness of human health and the environment, including the degree to which existing risks are reduced, time required to reduce risk and reach cleanup levels, on-site and off-site risks resulting from implementing the alternative, and improvement of the overall environmental quality.
 - **Permanence** – The degree to which the alternative permanently reduces the toxicity, mobility or volume of hazardous substances, including the adequacy of the alternative in destroying hazardous substances, the reduction or elimination of hazardous substance releases and sources, the degree of irreversibility of waste treatment processes, and the characteristic and quantity of treatment residuals generated.
 - **Cost** – The cost to implement the alternative, including the cost of construction, the net present value of any long-term costs, and agency oversight costs that are cost recoverable. Long-term costs include operations and maintenance (O&M), monitoring, equipment replacement, and maintaining institutional controls. Cost estimates for treatment technologies will describe pretreatment, analytical, labor, and waste management costs. The design life of the cleanup action will be estimated and the cost of replacement or repair of major elements will be included.
 - **Long-term effectiveness** – Long-term effectiveness includes the degree of certainty that the alternative will be successful, the reliability of the alternative while hazardous substances are expected to remain on-site, magnitude of residual risk with the alternative in place, and the effectiveness of controls required to manage treatment residues or remaining wastes. MTCA provides a list of cleanup action components, in order of decreasing long-term effectiveness, to guide evaluation:
 - Reuse or recycling;
 - Destruction or detoxification;
 - Immobilization or solidification;
 - On-site or off-site disposal in an engineered, lined and monitored facility;
 - On-site isolation or containment with attendant engineering controls; and
 - Institutional controls and monitoring.

- **Short-term risk management** –The risk to human health and the environment associated with the alternative during construction and implementation, and the effectiveness of measures that will be taken to manage such risks.
 - **Implementability** – Consideration of whether the alternative is technically possible, including availability of necessary facilities, services and materials, administrative and regulatory requirements, scheduling, size, complexity, monitoring requirements, site access, and integration with existing facility operations and other current/potential remedial actions.
- II. Provide for a reasonable restoration time frame per WAC 173-340-360(4).
 - III. Consider public concerns per WAC 173-340-600.

6.2 Identification of Remedial Alternatives

Based on the RI results, the following remedial alternatives were considered for the Property to address soil and groundwater contaminated with chlorinated solvents and petroleum:

1. No action;
2. Excavation of contaminated soil exceeding MTCA cleanup levels with on-site treatment and reuse;
3. Excavation of contaminated soil exceeding MTCA cleanup levels with off-site disposal at a permitted facility;
4. Capture of contaminated, perched groundwater using perimeter wells and permitted water discharge;
5. Capture of contaminated, perched groundwater using subsurface wall drains, and permitted water discharge;
6. Soil Vapor Extraction and Treatment system at the perimeter of the Property; and
7. Installation of a vapor barrier on subsurface, perimeter building walls and concrete slab at bottom of the underground parking structure.

6.3 Evaluation of Remedial Alternatives

An evaluation of remedial alternatives was completed by comparing alternatives 1 through 7 against the screening criteria described in sections 6.1.1 and 6.1.2. The remedial alternative evaluation is presented in Table 9. The table lists each alternative and whether or how it meets the screening criteria.

6.4 Eliminated Remedial Alternatives

Based on the remedial alternatives evaluation, alternatives 1, 2, 4 and 6 would not achieve the cleanup action objectives of this project or satisfy the MTCA requirements for cleanup actions described in Section 6.1, in our opinion. In accordance with the following rationale, these four remedial alternatives were eliminated from further consideration:

- **Alternative 1 - No action.** The “no action” alternative would not achieve compliance with MTCA because contaminant concentrations in soil and groundwater at the Property would not be reduced or isolated and exposure pathways would not be mitigated.

- **Alternative 2 - Excavation of contaminated soil with on-site treatment and reuse.** This alternative would be 1) relatively high in cost, 2) require extensive space for soil treatment, and 3) require a relatively long period of time to achieve MTCA cleanup levels for the most contaminated soil. Additionally, the redevelopment project calls for export of nearly all the excavated soil, so reuse of the treated soil would not be feasible.
- **Alternative 4 - Capture of contaminated, perched groundwater using perimeter wells, and permitted water discharge.** The source of groundwater contamination is the north-adjointing (upgradient) Thinker Toys property. Any cleanup alternatives for the SRO Property must consider the ongoing source of upgradient contamination and the continued transport of contaminated groundwater to the Property. Groundwater extraction with perimeter wells would likely increase the migration rate of upgradient contamination onto the Property without a barrier wall system to cut off groundwater. A barrier wall system would need to tie into a low permeability soil layer at a depth of 90 feet or more and would be prohibitively expensive to construct. Constructing a barrier wall could also provide a pathway for VOC contamination to impact the regional aquifer. This option is not retained because of difficulty to implement, environmental risk, and prohibitive cost compared to other alternatives.
- **Alternative 6 – Soil Vapor Extraction (SVE) and Treatment system at the perimeter of the Property.** Based on 1) the concentrations of VOCs in soil and groundwater at the Property, and 2) the planned construction of underground parking that incorporates a perimeter wall and sub-slab vapor barrier, impacts to indoor air quality are not anticipated. Active vapor intrusion mitigation measures like a SVE system are not considered necessary elements of a complete remedy.

6.5 Preferred Remedial Alternative

Based on the evaluation described in section 6.3, the preferred remedial alternative is a combination of alternatives 3, 5, and 7 below. Taken together, these alternatives best meet MTCA requirements for a permanent, protective cleanup action of the Property. These measures (except long-term monitoring and operation of the groundwater capture and permitted discharge system) are anticipated to require 1 to 2 years to implement following start of construction of the proposed redevelopment.

- **Alternative 3 - Excavation of contaminated soil with off-Property disposal at a permitted facility:**
 - Demolish the existing building in the east portion of the Property. Install shoring around the perimeter of the Property to allow excavation of contaminated soil during the Planned Development Excavation. The construction excavation is planned to extend from property line to property line to comply with City of Bellevue requirements.
 - Remove petroleum- and PCE-contaminated soil from the Property for disposal at a permitted landfill facility. The PCE-contaminated soil will be disposed in accordance with a Contained-In Determination issued by Ecology. Based on the results of the RI, all of the contaminated soil at the Property is expected to be removed from the Property by implementing Alternative 3. Based on the Planned Development Excavation, and considering available data, it is unlikely that PCE-impacted soil will remain at the vertical limits of the excavation. The remedial excavation will not extend beyond the lateral or vertical limits of the Planned Development Excavation. In the event that performance sampling indicates that PCE-contaminated soil remains at the limits of the excavation, a concrete slab at the bottom of the parking garage and the subsurface concrete walls of the garage will eliminate the potential for direct contact with any remaining impacted soils. Collection of additional soil characterization samples and

soil confirmation sampling at the limits of the excavation is discussed in the draft CAP (GeoEngineers 2014).

- If contaminated soil remains at the vertical limits of the excavation, institutional controls would be necessary to complete the cleanup action. Institutional controls would include cap maintenance (i.e., maintaining the building walls and foundation), land use restrictions, post-cleanup soil and groundwater handling protocols, prohibiting the use of groundwater beneath the Property for drinking water etc. If institutional controls are required, they will be stipulated in an environmental covenant.

■ **Alternative 5 - Capture of contaminated, perched groundwater using subsurface wall drains, and permitted water discharge:**

- Design and build a system to capture any VOC-contaminated perched groundwater encountered during construction and contaminated water that continues to passively migrate from the upgradient source property toward the SRO Property post-construction. The water capture system will be incorporated into the engineered wall drains that will be designed by the developer's engineers to relieve hydrostatic pressure on the external building walls. The perched groundwater capture system will need to be designed to minimize the potential for downward migration of shallow contaminated water to the underlying regional aquifer as a result of the redevelopment. The vertical migration of the upgradient, shallow perched groundwater to the outwash aquifer beneath the Thinker Toys source property may occur naturally as a result of the off-property release. The presence of VOCs in the captured groundwater will require that water to be disposed under a permitted discharge authorization that is described in the draft CAP (GeoEngineers 2014).
- Provide financial assurance for the operation and maintenance of the contaminated groundwater capture/discharge system for many years until the upgradient groundwater migrating to the Property no longer exceeds groundwater cleanup levels.

■ **Alternative 7- Install a vapor barrier on perimeter walls and concrete slab at bottom of the underground parking structure:**

- Install a vapor barrier on subsurface perimeter walls and the concrete slab at the bottom of the parking structure to minimize potential migration of chlorinated solvent vapors into the underground parking structure.

Because the subsurface parking garage will extend lot-line to lot-line, post-cleanup groundwater monitoring wells for sampling shallow, perched groundwater will be installed at the perimeter of the Property. Post-cleanup monitoring wells for sampling the deeper groundwater in the Advance Outwash aquifer will be installed beneath the new building during construction so that deep water samples represent on-Property water.

The post-construction compliance monitoring approach will be presented in a groundwater monitoring plan that will be submitted to Ecology.

Taken together, these remedial actions meet the requirements for conducting a MTCA-compliant cleanup action:

- **Protectiveness** – The proposed cleanup action will be protective of human health and the environment. Soil and groundwater that exceeds MTCA cleanup levels will be removed from the Property. Redevelopment that includes a below-ground parking garage that extends property line to property line will eliminate the possibility that groundwater supply wells could be installed in the future at the Property and potentially draw from the outwash aquifer. At the completion of development there will be no open area on the Property where a water well could be installed.
- **Permanence and long-term effectiveness** – Excavation and disposal of contaminated soil at a permitted facility is considered a permanent solution. Contaminated groundwater capture/discharge is considered the most permanent solution achievable considering the presence of the adjacent, separately-owned upgradient source property. Establish financial assurance (e.g. bond, escrow account) to ensure the long-term operations and maintenance (O&M) of the groundwater capture/discharge system. A vapor barrier is expected to provide effective vapor control/mitigation for the life of the building.
- **Cost** – Based on discussions with Ecology at a December 2012 meeting, a disproportionate cost analysis is not required for this evaluation because the most permanent and protective measures were selected for each of the environmental media of concern.
- **Short-term risk management** – The preferred remedial alternative will be implemented during redevelopment of the Property. The proposed cleanup action does not result in a significant amount of additional short-term risk beyond what is typical for a large construction project in an urban setting.
- **Implementability** – The cleanup actions proposed for the Property are technically feasible and have been successfully implemented at other sites with similar COCs and subsurface conditions.
- **Reasonable restoration timeframe** – These measures (except long-term monitoring and operation of the groundwater capture/treatment/discharge system) are anticipated to require 1 to 2 years to implement following start of construction of the proposed redevelopment. This represents a reasonable restoration timeframe in our opinion.
- **Consider Public Concerns** – Public notice of the proposed cleanup action at the Property will be provided in accordance with WAC 173-340-360(4). The proposed cleanup action will be completed under the VCP, will take place during redevelopment/construction, and is considered routine. The cleanup action is not expected to generate significant public concern or comment.

7.0 LIMITATIONS

We have prepared this RI/FS report for use by Sterling Realty Organization as part of their evaluation of and planning for environmental conditions at the subject Property.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted environmental science practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood. This report was prepared based on previous investigations and data collected by others. GeoEngineers is not responsible for any data that was inaccurately reported by others and reproduced here.

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Please refer to Appendix E titled “Report Limitations and Guidelines for Use” for important additional information pertaining to the use of this report.

8.0 REFERENCES

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Table 1

Monitoring Well Groundwater Elevation Data, 2008 - 2011
 Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
 Bellevue, Washington

SRO Property Well ID	Well Screen Interval (feet, bgs)	Top of Casing Elevation (feet above datum)	Well Screen Elevation (feet above datum)	Groundwater Depth (feet, bgs)									Groundwater Elevation (feet, msl)										
				6/26/08	7/7/08	9/10/08	11/21/08	3/16/10	3/17/10	5/3/10	8/23/10	10/19/11	10/21/11	6/26/08	7/7/08	9/10/08	11/21/08	3/16/10	3/17/10	5/3/10	8/23/10	10/19/2011	10/21/2011
URS-MW-1	20-30	157.87	137.87 - 127.87	NM	NM	26.41	27.21	22.50	22.66	22.49	22.95	NM	24.53	NM	NM	131.46	130.66	135.37	135.21	135.38	134.92	NM	133.34
URS-MW-2	20-30	160.22	140.22 - 130.22	NM	NM	Dry	Dry	24.64	25.05	24.45	25.89	NM	28.61	NM	NM	Dry	Dry	135.58	135.17	135.77	134.33	NM	131.61
URS-MW-3	20-30	153.98	133.98 - 123.98	NM	NM	27.36	28.75	22.28	22.54	22.40	23.24	NM	25.52	NM	NM	126.62	125.23	131.70	131.44	131.58	NM	NM	128.46
URS-MW-4	20-30	152.99	132.99 - 122.99	NM	NM	Dry	Dry	NM	29.87	29.85	30.08	NM	29.89	NM	NM	Dry	Dry	NM	123.12	123.14	122.91	NM	123.10
URS-MW-8	70-80	152.35	82.35 - 72.35	NM	NM	NM	NM	NM	NM	NM	NM	68.62	68.40	NM	NM	NM	NM	NM	NM	NM	NM	83.73	83.95
B1/MW-1	70-90	169.63	99.63 - 79.63	NM	NM	NM	NM	90.77	92.81	NM	NM	NM	85.49	NM	NM	NM	NM	78.86	76.82	NM	NM	NM	84.14
B2/MW-2	70-90	159.02	89.02 - 69.02	74.30	74.62	NM	74.95	75.90	75.97	75.69	75.50	NM	73.15	84.72	84.40	NM	84.07	83.12	83.05	83.33	83.52	NM	85.87
B3/MW-3	20-30	158.89	138.89 - 128.89	23.89	23.93	24.68	28.93	23.45	23.40	23.43	23.70	NM	23.79	135	134.96	134.21	129.96	135.44	135.49	135.46	135.19	NM	135.10
B4/MW-4	70-90	157.06	87.06-67.06	82.31	82.29	NM	79.30	76.58	76.58	76.60	76.61	NM	75.12	123.14	122.91	NM	77.76	80.48	80.48	80.46	80.45	NM	81.94
MW-19	10-30	156.31	146.31-126.31	NM	NM	NM	NM	NM	NM	NM	27.21	NM	29.18	NM	NM	NM	NM	NM	NM	NM	129.10	NM	127.13
MW-20	15-30	152.63	137.63 - 122.63	NM	NM	NM	NM	NM	NM	NM	21.93	NM	23.40	NM	NM	NM	NM	NM	NM	NM	130.70	NM	129.23
Data Source	Farallon ¹	Farallon ¹	Farallon ¹	Farallon ¹	Farallon ¹	URS ²	URS ²	URS ²	URS ²	Farallon ¹	Farallon ¹	URS ²	URS ²	Farallon ¹	Farallon ¹	URS ²	URS ²	URS ²	URS ²	URS ²	URS ²	URS ²	URS ²

Notes:

¹As reported (SES, 2011)

²As reported (URS, 2011B)

bgs = below ground surface

msl = mean sea level

NM = not measured

Vertical datum based on City of Bellevue - NAVD 88

Wells labeled "URS" were completed by URS Corporation.

Wells B1/MW-1, B2/MW-2, B3/MW-3, and B4/MW-4 were completed by Terra Associates.

Wells MW-19 and MW-20 were completed by Farallon.

May 3, 2010 groundwater elevations in perched zone are shown on Figure 7.

Table 2
1990 Soil and Groundwater Data, Preliminary Environmental Site Assessment, Unocal Station Number 4511
Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
Bellevue, Washington

Soil Quality Data ¹									
Boring Number	Sample Number	Depth Collected	Benzene ²	Toluene ²	Ethyl-Benzene ²	Total Xylenes ²	TPH ³	Purgeable Halogenated Volatile Organics ⁴	Sample Jar Headspace Organic Vapor Concentrations ⁵
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
MW-1	MW-1, S-2	7.5	< 0.050	< 0.050	< 0.050	< 0.050	7.5	NA	25.2
MW-2	MW-2, S-1	2.5	< 0.050	< 0.050	< 0.050	0.090	810	NA	28
MW-2	MW-2, S-2	7.5	< 0.050	< 0.050	< 0.050	0.240	203	NA	20
MW-3	MW-3, S-1	2.5	< 0.050	< 0.050	< 0.050	0.900	87.9	NA	22
MW-4	MW-4, S-2	7.5	< 0.050	< 0.050	< 0.050	< 0.050	65.3	NA	169
MW-5	MW-5, S-2	7.5	< 0.050	< 0.050	< 0.050	< 0.050	95.0	< 0.05	255
MTCA Method A Cleanup Level			0.03	7	6	9	2,000	See Table 3	-

Water Quality Data ⁶							
Boring Well/ Number	Sample Number	Benzene ⁷	Toluene ⁷	Ethyl-Benzene ⁷	Total Xylenes ⁷	TPH ³	Well Headspace Organic Vapor Concentrations ⁵
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(ppm)
MW-1	U4511-79-1	< 1	< 1	< 1	< 1	< 1,000	NA ⁸
MW-2	U4511-79-2	< 1	< 1	< 1	< 1	< 1,000	
MW-3	U4511-79-3	3	< 1	15	14	< 1,000	
MW-4	U4511-79-4	< 1	< 1	< 1	< 1	< 1,000	
MW-5	Not sampled	--	--	--	--	--	
MTCA Method A Cleanup Level		5	1,000	700	1,000	500	-

Notes:

¹Soil samples collected July 12, 13, and 17, 1990 by Sweet-Edwards/EMCON, Inc. Analyses by Sound Analytical, Tacoma, Washington.

²Analysis by EPA Method 8020.

³TPH = Total Petroleum Hydrocarbons, EPA Method 418.1.

⁴Analysis by EPA Method 8010.

⁵Volatile organic vapor concentrations measured with a photoionization detector (Photovac MP-100 microtip) calibrated to 100 ppm isobutylene. Background reading = < 1 ppm.

⁶Water samples collected July 31, 1990 by Sweet-Edwards/EMCON, Inc. Analyses by Sound Analytical, Tacoma, Washington.

⁷Analysis by EPA Method 8020.

⁸Due to high water vapor (moisture) concentrations in the wellheads, PID measurements were not obtained.

< = Analyte Not Detected at or above the Method Reporting Limit

ft bgs = feet below the ground surface

mg/kg = milligrams per kilogram

MTCA = Model Toxics Cleanup Act

NA = Not Analyzed

ppm = parts per million

µg/L = micrograms per liter

Bolded value indicates analyte detected at the listed concentration.

Sample ID	Date Collected	Benzene ¹	Toluene ¹	Ethylbenzene ¹	Total Xylenes ¹	TPH as Gasoline ²	TPH as Diesel ³	TPH as Other ³	TPH ⁴	Total Lead ⁵	Total PCBs ⁷	Benzo(a) pyrene ⁸	PCE	TCE	cis-1,2 DCE	trans-1,2 DCE	1,1-DCE	1,2-DCA	Vinyl Chloride	Acetone	Methylene Chloride	Sampling Location	
		(mg/kg)																					
MW-11-12.5	8/27/1991	< 0.05	< 0.05	2.03	6.31	216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	sample from boring MW-11
NPUMPE ⁶	2/17/1992	< 0.05	< 0.05	< 0.05	0.06	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	E end of N pump island
NPUMPW ⁶	2/17/1992	< 0.05	< 0.05	< 0.05	< 0.05	< 1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	W end of N pump island
OH20	2/17/1992	--	--	--	--	< 10	< 10	< 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	below oil/water separator
SS-2	2/17/1992	< 0.05	0.43	0.53	4.84	202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	stockpile sample
SS-3	2/17/1992	0.19	2.63	3.91	20.6	541	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	stockpile sample
SS-4	2/17/1992	0.26	2.90	3.71	20.9	481	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	stockpile sample
SS-5	2/17/1992	1.13	11.0	7.90	26.0	900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	stockpile sample
WPUMPN ⁶	2/18/1992	< 0.05	< 0.05	< 0.05	0.23	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	N end of W pump island
WPUMPS ⁶	2/18/1992	< 0.05	< 0.05	< 0.05	< 0.05	< 1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	S end of W pump island
WPUMPE ⁶	2/24/1992	< 0.05	< 0.05	< 0.05	< 0.05	< 1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	base of W pump island excav.
WPUMPEW ⁶	2/24/1992	< 0.05	< 0.05	< 0.05	< 0.05	< 1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	E wall of W pump island excav.
BHOISE ⁶	2/28/1992	--	--	--	--	ND ¹¹	ND ¹¹	ND ¹¹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	base of hoist excavation
SHOISW ⁶	2/28/1992	--	--	--	--	ND ¹¹	ND ¹¹	ND ¹¹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	S wall of hoist excavation
WHOISB ⁶	3/2/1992	--	--	--	--	ND ¹¹	ND ¹¹	ND ¹¹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	W wall of hoist excavation
SPILE1	3/2/1992	--	--	--	--	ND ¹¹	ND ¹¹	120	--	--	< 1	0.04	--	--	--	--	--	--	--	--	--	--	stockpile sample
SPILE2	3/2/1992	--	--	--	--	ND ¹¹	ND ¹¹	40	--	--	< 1	< 0.01	--	--	--	--	--	--	--	--	--	--	stockpile sample
SPILE3	3/2/1992	--	--	--	--	ND ¹¹	ND ¹¹	60	--	--	< 1	< 0.01	--	--	--	--	--	--	--	--	--	--	stockpile sample
BASE-0421-01 ⁶	4/21/1992	--	--	--	--	--	< 25	< 100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	base of dry well excavation
WWALL13-0421-02 ⁶	4/21/1992	--	--	--	--	--	< 25	< 100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	W wall of dry well excavation
WWALL17-0421-03 ⁶	4/21/1992	--	--	--	--	--	< 25	< 100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	W wall of dry well excavation
NWALL-0421-04 ⁶	4/21/1992	--	--	--	--	--	< 25	< 100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	N wall of dry well excavation
MTCA Cleanup Levels		0.03 (A)	7 (A)	6 (A)	9 (A)	30 (A)	2,000 (A)	2,000 (A)	2,000 (A)	250 (A)	1.0 (A)	0.1 (A)	0.05 (A)	0.03 (A)	0.076 (B)	0.48 (B)	0.037 (B)	0.0023 (B)	0.0012 (B)	29 (B)	0.02 (A)	--	

Notes:

¹Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 5030/8020 or EPA Method 8240 (low level)

²Volatile fuel hydrocarbons (TPH as gasoline) by EPA Method 5030/8015 Modified

³Semi volatile fuel hydrocarbons (TPH as diesel, other) by EPA Method 3550/8015 Modified

⁴Total Petroleum Hydrocarbons (TPH) by EPA Method 418.1

⁵Total lead by EPA Method 7420

⁶Confirmation soil sample collected following soil excavation

⁷Total Polychlorinated Biphenyls (PCBs) by EPA Methods 3540/8080

⁸Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Methods 3540/8310. Additional low level detections of several PAH analytes for samples SPILE 1 and SPILE 3. See lab reports for additional information.

⁹Volatile Organic Compounds (VOCs) by EPA Method 8240. Additional low level detections of several VOC analytes for sample HYD-4. See lab reports for additional information.

¹⁰Sample analyzed for Toxicity Characteristic Leaching Procedure (TCLP) by EPA Method 1311

¹¹Based on our review of the 1992 laboratory data report obtained from Ecology on-line document repository for the Site, data sheets were not available for samples shown as Non Detect (ND) in this table. ND results are from the original data table in EMCON's 1992 report.

-- = analyte not tested

< = Analyte not detected at or above method reporting limit

mg/kg = milligrams per kilogram

MTCA = Model Toxics Control Act (WAC 173-340).

(A) = MTCA Method A Cleanup Level

(B) = MTCA Method B cleanup for the protection of groundwater. See Table 8 for information on basis for cleanup levels.

DCA = dichloroethane

DCE = dichloroethene

PCE = perchloroethene (tetrachloroethene)

TCE = trichloroethene

Bolded value indicates analyte detected at the listed concentration.

Shaded value represents concentration that exceeded the MTCA cleanup level.

Table 4
Chemical Analytical Data for Soil Samples
Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
Bellevue, Washington

Sample ID	Sample Collected By	Sample Date	Depth (ft bgs)	VOCs (mg/kg) ¹										Gasoline-range Petroleum Hydrocarbons (mg/kg) ²	Diesel-range Petroleum Hydrocarbons (mg/kg) ³	Oil-range Petroleum Hydrocarbons (mg/kg) ³	Lead (mg/kg)			
				PCE	TCE	cis-1,2 DCE	trans-1,2 DCE	1,1-DCE	1,2-DCA	Vinyl Chloride	Benzene	Toluene	Ethyl-benzene					Xylenes, total		
Soil samples collected in 2000 (URS, 2000)																				
URSSB-OP1 URSSB-OP2 URSSB-OP3 URSSB-OP4 URSSB-OP5 URSSB-OP6 URSSB-OP7 URSSB-OP8	URS	3/11/2000	6	--	--	--	--	--	--	--	--	< 0.056	< 0.056	< 0.056	< 0.112	< 5.6	< 28	< 56	--	
		3/11/2000	18	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.112	< 5.6	< 28	< 56	--
		3/11/2000	12	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.108	< 5.4	< 27	< 56	--
		3/11/2000	6	--	--	--	--	--	--	--	--	--	< 0.059	< 0.059	< 0.059	< 0.118	< 5.9	< 29	< 59	--
		3/11/2000	18	--	--	--	--	--	--	--	--	--	< 0.056	< 0.056	< 0.056	< 0.112	< 5.6	< 28	< 56	--
		3/11/2000	8	--	--	--	--	--	--	--	--	--	< 0.054	< 0.054	< 0.054	< 0.108	< 5.4	< 27	< 54	--
		3/11/2000	12	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.108	< 5.4	< 27	< 54	--
		3/11/2000	20	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.108	< 5.4	< 27	< 54	<5.4
3/11/2000	16	--	--	--	--	--	--	--	--	--	< 0.054	< 0.054	< 0.054	< 0.108	< 5.4	< 28	88	--		
3/11/2000	8	--	--	--	--	--	--	--	--	--	< 0.056	< 0.056	< 0.056	< 0.112	< 5.6	< 28	< 56	--		
3/11/2000	18	--	--	--	--	--	--	--	--	--	< 0.055	< 0.055	< 0.055	< 0.110	< 5.5	< 28	< 55	<5.5		
Soil samples collected in 2008 (Terra, 2008; URS, 2008)																				
B2/MW-2	Terra Associates	6/23/2008	5	--	--	--	--	--	--	--	--	--	--	--	--	<22	<56	<110	--	
		6/23/2008	15	--	--	--	--	--	--	--	--	--	--	--	--	<22	<55	<110	--	
		6/23/2008	25	--	--	--	--	--	--	--	--	--	--	--	--	<22	<54	<110	--	
URS-MW-1	URS	8/25/2008	15	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/25/2008	27.5	0.41	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
URS-MW-2	URS	8/27/2008	15	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/27/2008	27.5	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
URS-MW-3	URS	8/26/2008	17.5	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/26/2008	27.5	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
URS-MW-4	URS	8/26/2008	12.5	0.17	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/26/2008	30	0.12	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
URS-SB-1	URS	8/25/2008	10	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/25/2008	30	0.22	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/25/2008	45	0.05	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/25/2008	75	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
URS-SB-2	URS	8/25/2008	10	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/25/2008	27.5	0.07	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
URS-SB-3	URS	8/26/2008	17.5	0.05	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/26/2008	22.5	0.07	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
URS-SB-4	URS	8/27/2008	17.5	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
		8/27/2008	30	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	<10	--	--	--	--	
URS-SB-8	URS	11/19/2008	21.5	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	--	--	--	--	--	
		11/19/2008	29	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	--	--	--	--	--	
		11/19/2008	41.5	< 0.02	<0.03	<0.02	<0.02	<0.05	<0.03	<0.002	< 0.02	< 0.02	< 0.03	< 0.03	--	--	--	--	--	
Soil samples collected in 2010 (Farallon, 2010)																				
MW-19	Farallon	8/5/2010	4.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	--	
		8/5/2010	9	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
		8/5/2010	24	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.1	<2	<50	<250	--	
		8/5/2010	29	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
MTCA Method A or B Cleanup Levels				0.05 (A)	0.03 (A)	0.076 (B)	0.48 (B)	0.037 (B)	0.0023 (B)	0.0012 (B)	0.03 (A)	7 (A)	6 (A)	9 (A)	100 (A)	2,000 (A)	2,000 (A)	250 (A)		

Sample ID	Sample Collected By	Sample Date	Depth (ft bgs)	VOCs (mg/kg) ¹										Gasoline-range Petroleum Hydrocarbons (mg/kg) ²	Diesel-range Petroleum Hydrocarbons (mg/kg) ³	Oil-range Petroleum Hydrocarbons (mg/kg) ³	Lead (mg/kg)		
				PCE	TCE	cis-1,2 DCE	trans-1,2 DCE	1,1-DCE	1,2-DCA	Vinyl Chloride	Benzene	Toluene	Ethyl-benzene					Xylenes, total	
MW-20	Farallon	8/6/2010	4.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	10	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	14.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	19.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	25	0.026	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	--	--	--
SRO-1	Farallon	8/5/2010	1	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	6	--	--	--	
		8/5/2010	11	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	16	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	20	0.28	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--
		8/5/2010	22	0.43	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--
SRO-2	Farallon	8/5/2010	26	0.25	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
		8/5/2010	1	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	3	67	760	--	
		8/5/2010	5.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	9	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	14	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	19	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
SRO-3	Farallon	8/5/2010	23.5	0.12	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--	
		8/5/2010	27	0.34	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	1	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	610	140	270	5.79
		8/5/2010	3	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--
		8/5/2010	7	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	13	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	18	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/5/2010	21	0.057	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--
SRO-4	Farallon	8/5/2010	22.5	0.06	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--		
		8/5/2010	27	0.17	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--		
		8/5/2010	30	0.16	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--		
		8/6/2010	6	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	12	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	17	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
SRO-5	Farallon	8/6/2010	22	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--	
		8/6/2010	27	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	30	0.038	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	3	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	6	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
SRO-6	Farallon	8/6/2010	11	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	7	<50	<250	--	
		8/6/2010	16	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--		
		8/6/2010	21	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--		
		8/6/2010	30	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--		
		8/6/2010	5.2	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--
		8/6/2010	12	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--
SRO-6	Farallon	8/6/2010	15	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	610	--	
		8/6/2010	17	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	70	870	--	
		8/6/2010	20.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--
		8/6/2010	25	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/6/2010	30	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
MTCA Method A or B Cleanup Levels				0.05 (A)	0.03 (A)	0.076 (B)	0.48 (B)	0.037 (B)	0.0023 (B)	0.0012 (B)	0.03 (A)	7 (A)	6 (A)	9 (A)	100 (A)	2,000 (A)	2,000 (A)	250 (A)	

Sample ID	Sample Collected By	Sample Date	Depth (ft bgs)	VOCs (mg/kg) ¹										Gasoline-range Petroleum Hydrocarbons (mg/kg) ²	Diesel-range Petroleum Hydrocarbons (mg/kg) ³	Oil-range Petroleum Hydrocarbons (mg/kg) ³	Lead (mg/kg)		
				PCE	TCE	cis-1,2 DCE	trans-1,2 DCE	1,1-DCE	1,2-DCA	Vinyl Chloride	Benzene	Toluene	Ethyl-benzene					Xylenes, total	
SRO-14	Farallon	8/10/2010	1.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	6.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	12	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	17	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--
		8/10/2010	22	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--
		8/10/2010	25.2	0.035	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--
8/10/2010	29.8	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--		
SRO-15	Farallon	8/10/2010	1	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
		8/10/2010	5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	10	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	15	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	20	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	25	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--
8/10/2010	29.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--		
SRO-16	Farallon	8/10/2010	2	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
		8/10/2010	7	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	12	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	17	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	22	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
		8/10/2010	25.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--
8/10/2010	29.5	0.039	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--		
SRO-17	Farallon	8/10/2010	1.8	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	0.55	0.77	2,800	130	<250	--	
		8/10/2010	5.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	2	<50	<250	--	
		8/10/2010	10.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--	
		8/10/2010	16	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--	
		8/10/2010	21	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--	
		8/10/2010	25	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	<0.05	<0.15	<2	<50	<250	--	
8/10/2010	30	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--		
SRO-18	Farallon	8/10/2010	2	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
		8/10/2010	5.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
SRO-19	Farallon	8/10/2010	2	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
		8/10/2010	5.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
SRO-20	Farallon	8/10/2010	2	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
		8/10/2010	6	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	
SRO-21	Farallon	8/10/2010	6.5	<0.025	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--	--	--	
Soil samples collected in 2011 (Hart Crowser, 2011; URS, 2011b)																			
HC-1-1	Hart Crowser	8/13/2011	20	<0.05	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-2		8/13/2011	22.5	0.092	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-3		8/13/2011	25	0.36	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-4		8/13/2011	27.5	0.46	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-5		8/13/2011	30	0.43	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-6		8/13/2011	32.5	0.74	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-7		8/13/2011	35	0.38	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-8		8/13/2011	37.5	0.92	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-9		8/13/2011	40	1.10	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	<5	<20	<50	1.3	
HC-1-10		8/13/2011	42.5	0.41	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-11		8/13/2011	45	2.30	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-12		8/13/2011	47.5	1.80	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
HC-1-13		8/13/2011	50	0.07	<0.02	<0.05	<0.05	<0.05	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	--	--	--	--	
MTCA Method A or B Cleanup Levels				0.05 (A)	0.03 (A)	0.076 (B)	0.48 (B)	0.037 (B)	0.0023 (B)	0.0012 (B)	0.03 (A)	7 (A)	6 (A)	9 (A)	100 (A)	2,000 (A)	2,000 (A)	250 (A)	

Notes:

Table contains data from 2000 to 2011. Chemical data from the 1990 EMCON PESA and 1992 EMCON UST Closure Report are presented in Table 2 and 3.

Compounds including methylene chloride, chloroform, chloromethane, and MTBE were analyzed for in numerous samples from the Property. These compounds either were not detected, were detected at J-flagged estimated values less than laboratory reporting limits, or detected at concentrations less than cleanup levels.

¹VOCs = Volatile organic compounds; analyzed by EPA Method 8260B.

² Gasoline-range petroleum hydrocarbons were analyzed by Ecology Method NWTPH-Gx

³ Diesel- and oil-range petroleum hydrocarbons were analyzed by Ecology Method NWTPH-Dx

-- = constituent not analyzed.

< = constituent not detected at or above the stated laboratory practical quantitation limit.

1,1-DCE = 1,1-Dichloroethene

1,1,1-DCE = 1,1,1-dichloroethene

1,2-DCA = 1,2-dichloroethane

bgs = below ground surface

cis-1,2-DCE = cis-1,2-dichloroethene

J = estimated value below laboratory Practical Quantitation Limit (PQL); for purpose of this report J-flagged values are considered not detected.

mg/kg = milligrams per kilogram

MTCA = Model Toxics Control Act (WAC 173-340).

(A) = MTCA Method A Cleanup Level

(B) = MTCA Method B cleanup for the protection of groundwater. See Table 8 for information on basis for cleanup levels.

PCE = Tetrachloroethene

TCE = Trichloroethene

trans 1,2-DCE = trans-1,2-dichloroethene

VOCs = Volatile organic compounds

Bold font indicates that the constituent was detected.

Shading indicates that the concentration exceeds the MTCA cleanup level.

Table 5
Chemical Analytical Data for Groundwater Samples
 Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
 Bellevue, Washington

Sample ID	Sample Date	Depth (feet bgs)	VOCs (µg/L) ¹									Gasoline-range Petroleum Hydrocarbons (µg/L) ²	Diesel-range Petroleum Hydrocarbons (µg/L) ³	Oil-range Petroleum Hydrocarbons (µg/L) ³
			PCE	TCE	cis-1,2-DCE	1,1,1-TCA	1,2-DCA	Benzene	Toluene	Ethyl- benzene	Xylenes, total			
Samples collected in 2000 (URS, 2000)														
URSSB-OP1	03/11/2000	NA	2.1	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<100	<25	<50
URSSB-OP3	03/11/2000	NA	1.7	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<100	<25	<50
Samples collected in 2008 and 2010 (Terra, 2008; URS, 2009; URS, 2010; SES, 2011)														
URS-SB-3	08/27/2008	NA	21	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<100	--	--
URS-MW-1	09/10/2008	NA	340	3.5	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<100	--	--
	11/21/2008	NA	210	3.4	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--
	03/17/2010	NA	460	22	11	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	06/17/2010	NA	320	9.6	1.2	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	08/24/2010	NA	430	10	6.1	--	--	--	--	--	--	--	--	--
URS-MW-2	03/17/2010	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	06/17/2010	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	08/25/2010	NA	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
URS-MW-3	09/10/2008	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<100	--	--
	11/21/2008	NA	3.9	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--
	03/17/2010	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	06/17/2010	NA	<1.0	<0.2	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	08/23/2010	NA	<1.0	<0.2	<1.0	--	--	--	--	--	--	--	--	--
MW-19	08/25/2010	NA	33	1.1	<1.0	--	--	<0.35	<1	<1	<3	<100	<50	<250
MW-20	08/25/2010	NA	4.6	<1.0	<1.0	--	--	<0.35	<1	<1	<3	<100	<50	<250
B1/MW1	03/17/2010	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
B-2/MW-2	07/07/2008	NA	<0.2	<0.2	--	--	--	<0.2	<0.2	<1.0	<0.6	<100	<250	<500
	11/21/2008	NA	2.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--
	03/17/2010	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	06/17/2010	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
B-3/MW-3	07/07/2008	NA	80	0.42	--	--	--	<0.4	<0.4	<2.0	<1.2	<100	<250	<500
	09/10/2008	NA	88	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<100	--	--
	11/21/2008	NA	20	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--
	03/17/2010	NA	68	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	06/17/2010	NA	44	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	08/23/2010	NA	50	<1.0	<1.0	--	--	--	--	--	--	--	--	--
B-4/MW-4	07/07/2008	NA	<0.2	<0.2	--	--	--	<0.2	<0.2	<1.0	<0.6	<100	<250	<500
	11/21/2008	NA	1.9	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--
	03/17/2010	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
	06/17/2010	NA	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<50	--	--
Samples collected in 2011 (URS, 2011b)														
URS-MW-1	11/22/2011	29	114	4.36	1.47	<1.0	<1.0	--	--	--	--	--	--	--
URS-MW-2	11/21/2011	28.6	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
URS-MW-3	11/22/2011	28	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
URS-MW-8	10/19/2011	73	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
	10/19/2011	77	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
	11/22/2011	70	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
	11/22/2011	73	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
	11/22/2011	75.5	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
MW-19	11/21/2011	29.2	31.0	1.08	0.140 J	<1.0	<1.0	--	--	--	--	--	--	--
MW-20	11/22/2011	25	1.03	0.140 J		<1.0	<1.0	--	--	--	--	--	--	--
B1/MW-1	11/29/2011	90	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
	11/29/2011	95	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
B2/MW-2	11/29/2011	75	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
	11/29/2011	80	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
B3/MW-3	11/22/2011	27	23.7	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
B4/MW-4	11/29/2011	75	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
	11/29/2011	80	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
URS-SB-9	10/10/2011	77	0.270 J	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
URS-SB-15 ⁴	10/10/2011	75	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
URS-SB-21	11/17/2011	74	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
MTCA Method A or B Cleanup Level			5 (A)	5 (A)	16 (B)	200 (A)	5 (A)	5 (A)	1,000 (A)	700 (A)	1,000 (A)	800 / 1,000 ⁵ (A)	500 (A)	500 (A)

Notes:

- Table contains data from 2000 to 2011. Chemical data from the 1990 EMCON PESA is presented in Table 2.
- ¹VOCs = Volatile organic compounds; analyzed by EPA Method 8260B.
- ²Gasoline-range petroleum hydrocarbons were analyzed by Ecology Method NWTPH-Gx
- ³Diesel- and oil-range petroleum hydrocarbons were analyzed by Ecology Method NWTPH-Dx
- ⁴Naphthalene was detected at a trace concentration of 0.23 µg/L (J-flagged estimated value less than PQL). The cleanup level for naphthalenes is 160 µg/L.
- ⁵The groundwater cleanup level is 1,000 µg/L if benzene is not present. If benzene is present, the cleanup level is 800 µg/L.
- = constituent not analyzed.
- < = constituent not detected at or above the stated laboratory practical quantitation limit.
- 1,1,1-TCA = 1,1,1-trichloroethane
- 1,2-DCA = 1,2-dichloroethane
- bgs = below ground surface
- cis-1,2-DCE = cis-1,2-dichloroethene
- DCE = Dichloroethene.
- J = estimated value
- MTCA = Model Toxics Control Act (WAC 173-340).
- (A) = MTCA Method A Cleanup Level
- (B) = Standard Method B cleanup levels from CLARC tables. See Table 8 for information on basis for cleanup levels.
- NA = not available
- PCE = Tetrachloroethene
- TCE = Trichloroethene
- µg/L = micrograms per liter
- Bold** font indicates that the constituent was detected.
- Shading indicates that the concentration exceeds the MTCA cleanup level.
- Groundwater data from the Thinker Toys (source) property shown on Figures 14 and 15 are not included in this table.

Table 6
Low Level Detections—Chemical Analytical Data for Soil Samples
Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
Bellevue, Washington

Sample ID	Sample Collected By	Sample Date	Depth (feet bgs)	Methylene Chloride (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	Methyl Tert-Butyl Ether (MTBE) (mg/kg)
URS-SB-9	URS	10/10/2011	50	0.00128 J	< 0.0142	< 0.0426	< 0.0355
		10/10/2011	55	0.00128 J	< 0.0139	< 0.0417	< 0.0347
		10/10/2011	60	0.00122 J	< 0.0136	< 0.0408	< 0.0340
		10/10/2011	65	0.000933 J	< 0.0126	< 0.0378	< 0.0315
		10/10/2011	70	0.00158 J	< 0.0143	< 0.0428	< 0.0357
		10/10/2011	75	0.00129 J	< 0.0151	< 0.0452	< 0.0376
		10/10/2011	80	0.00200 J	< 0.0142	< 0.0425	< 0.0354
URS-SB-10	URS	10/11/2011	50	0.000583 J	< 0.0117	0.000723 J	< 0.0292
		10/11/2011	55	0.000933 J	< 0.0111	< 0.0333	< 0.0278
		10/11/2011	60	0.000803 J	< 0.00967	< 0.0290	< 0.0242
		10/11/2011	65	0.00224 J	< 0.0142	< 0.0426	< 0.0355
		10/11/2011	70	0.00156 J	< 0.0148	< 0.0443	< 0.0369
		10/11/2011	75	0.00106 J	< 0.00952	0.000400 J	< 0.0238
URS-MW8 (SB-11)	URS	10/12/2011	35	0.00152 J	< 0.0126	< 0.0379	< 0.0316
		10/12/2011	40	0.000765 J	< 0.0109	< 0.0328	< 0.0273
		10/12/2011	45	0.000672 J	< 0.0112	< 0.0336	< 0.0280
		10/12/2011	50	0.00116 J	< 0.0124	< 0.0373	< 0.0311
		10/12/2011	55	0.000892 J	< 0.0124	< 0.0372	< 0.0310
		10/12/2011	60	0.000918 J	< 0.0105	< 0.0316	< 0.0264
		10/12/2011	65	0.000633 J	< 0.0104	< 0.0311	< 0.0259
		10/12/2011	70	0.000735 J	< 0.0105	< 0.0315	< 0.0263
		10/12/2011	75	0.00131 J	< 0.0138	< 0.0414	0.000870 J
10/12/2011	80	0.00102 J	< 0.0113	< 0.0340	< 0.0283		
URS-SB-12	URS	10/12/2011	35	0.000952 J	< 0.0129	< 0.0386	< 0.0322
		10/12/2011	40	0.00126 J	< 0.0128	< 0.0385	< 0.0321
		10/12/2011	45	0.00101 J	< 0.0115	< 0.0346	< 0.0288
		10/12/2011	55	0.000393 J	< 0.00667	< 0.0200	< 0.0167
		10/12/2011	60	0.000756 J	< 0.00982	< 0.0295	< 0.0246
		10/12/2011	65	0.00193 J	< 0.0151	< 0.0453	< 0.0378
		10/12/2011	70	0.00199 J	< 0.0159	< 0.0477	< 0.0398
		10/12/2011	75	0.00141 J	< 0.0156	< 0.0469	< 0.0391
URS-SB-13	URS	10/13/2011	35	0.00106 J	< 0.0117	< 0.0350	< 0.0292
		10/13/2011	40	0.00132 J	< 0.0140	< 0.0421	< 0.0351
		10/13/2011	45	0.00108 J	< 0.0142	< 0.0426	< 0.0355
		10/13/2011	60	0.000834 J	< 0.0116	< 0.0348	< 0.0290
		10/13/2011	65	0.00121 J	< 0.0136	< 0.0407	< 0.0339
		10/13/2011	70	0.00156 J	< 0.0145	< 0.0436	< 0.0364
		10/13/2011	75	0.00155 J	< 0.0149	< 0.0447	< 0.0372
URS-SB-14	URS	10/11/2011	35	0.000783 J	< 0.00954	< 0.0286	< 0.0239
		10/11/2011	40	0.00136 J	< 0.0112	< 0.0335	< 0.0279
		10/11/2011	45	0.000468 J	< 0.0117	< 0.0351	< 0.0293
		10/11/2011	50	0.000658 J	< 0.0101	< 0.0304	< 0.0253
		10/11/2011	55	0.000906 J	< 0.0126	< 0.0377	< 0.0314
		10/11/2011	60	0.000662 J	< 0.00946	< 0.0284	< 0.0237
		10/11/2011	65	0.000522 J	< 0.00915	< 0.0275	< 0.0229
		10/11/2011	70	0.00152 J	< 0.0137	< 0.0411	< 0.0343
10/11/2011	75	0.00128 J	< 0.0104	< 0.0312	< 0.0260		
URS-SB-15	URS	10/11/2011	35	0.00121 J	< 0.0126	< 0.0379	< 0.0316
		10/11/2011	40	0.000782 J	< 0.00921	< 0.0276	< 0.0230
		10/11/2011	45	0.00105 J	< 0.0128	< 0.0383	< 0.0319
		10/10/2011	50	0.00106 J	< 0.0128	< 0.0385	< 0.0321
		10/10/2011	55	0.000706 J	< 0.00851	< 0.0255	< 0.0213
		10/10/2011	60	0.000806 J	< 0.0101	< 0.0302	< 0.0252
		10/10/2011	65	0.00112 J	< 0.0140	< 0.0419	< 0.0349
		10/10/2011	70	0.00191 J	< 0.0127	< 0.0380	< 0.0317
10/10/2011	75	0.00344 J	< 0.0119	< 0.0358	< 0.0298		
URS-SB-17	URS	11/15/2011	40	0.000328 J	< 0.00937	< 0.0281	--
		11/15/2011	45	0.000329 J	< 0.00915	< 0.0274	--
		11/15/2011	65	0.000462 J	< 0.0122	< 0.0365	--
		11/15/2011	70	0.000829 J	< 0.0124	< 0.0371	--
		11/15/2011	75	0.00136 J	< 0.0156	< 0.0468	--
URS-SB-21	URS	11/17/2011	30	0.000393 J	< 0.0145	< 0.0436	--
		11/17/2011	35	0.000290 J	0.000290 J	< 0.0348	--
		11/17/2011	40	0.000766 J	0.000290 J	< 0.0348	--
		11/17/2011	45	0.000461 J	0.000270 J	< 0.0477	--
		11/17/2011	50	0.00113 J	< 0.0157	< 0.0470	--
		11/17/2011	60	0.000674 J	< 0.0104	< 0.0311	--
		11/17/2011	65	0.00127 J	< 0.0192	< 0.0576	--
		11/17/2011	70	0.00150 J	< 0.0203	< 0.0608	--
		11/17/2011	71.5	0.00121 J	< 0.0170	< 0.0510	--
		11/17/2011	73	0.00141 J	< 0.0156	< 0.0469	--
		11/17/2011	74.5	0.00192 J	< 0.0196	< 0.0588	--
11/17/2011	80	0.00117 J	< 0.0143	< 0.0428	--		
MTCA Method A or B Cleanup Levels				0.02 (A)	0.0071 (B)	none	0.1 (A)

Notes:

- = constituent not analyzed.
- < = constituent not detected at or above the stated laboratory practical quantitation limit.
- bgs = below the ground surface
- J = estimated value below laboratory Practical Quantitation Limit (PQL).
- mg/kg = milligrams per kilogram
- MTCA = Model Toxics Control Act (WAC 173-340).
- (A) = MTCA Method A Cleanup Level
- (B) = MTCA Method B cleanup for the protection of groundwater. See Table 8 for information on basis for cleanup levels.

Table 7

Low Level Detections–Chemical Analytical Data for Groundwater Samples
Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
Bellevue, Washington

Sample ID	Sample Date	Depth (feet bgs)	Naphthalene (µg/L)	Methylene Chloride (µg/L)	Chloroform (µg/L)	Chlorobenzene (µg/L)
Samples collected in 2011 (URS, 2011b)						
URS-MW-1	11/22/2011	29	< 1.00	< 1.00	< 1.00	0.120 J
URS-MW-2	11/21/2011	28.6	< 1.00	< 1.00	2.38	< 1.00
URS-MW-8 ¹	11/22/2011	75.5	< 1.00	0.190 J	< 1.00	< 1.00
B3/MW-3	11/22/2011	27	< 1.00	< 1.00	0.920 J	< 1.00
URS-SB-15	10/10/2011	75	0.23 J	< 1.00	< 1.00	< 1.00
MTCA Method A or B Cleanup Level			160 (A)	5 (A)	14.1 (B)	160 (B)

Notes:

¹ Sample from URS-MW-8 on 10/19/2011 was tested for Methyl Tert-Butyl Ether (MTBE). MTBE was detected at a concentration of 1.0 µg/L (MTCA Method A cleanup level is 20 µg/L).

< = constituent not detected at or above the stated laboratory practical quantitation limit.

bgs = below ground surface

J = estimated value

MTCA = Model Toxics Control Act (WAC 173-340).

(A) = MTCA Method A Cleanup Level

(B) = Standard Method B cleanup levels from CLARC tables. See Table 8 for information on basis for cleanup levels.

µg/L = micrograms per liter

Groundwater data from the Thinker Toys (source) property shown on Figures 15 and 16 are not included in this table.

Table 8

Soil and Groundwater Cleanup Levels

Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
Bellevue, Washington

Contaminants of Concern	Media	Cleanup Level	Source
Gasoline-range Petroleum Hydrocarbons	Soil	100 (mg/kg)	MTCA Method A, Unrestricted
Diesel-range Petroleum Hydrocarbons		2,000 (mg/kg)	
Oil-range Petroleum Hydrocarbons		2,000 (mg/kg)	
PCE		0.05 (mg/kg)	
TCE		0.03 (mg/kg)	
Benzene		0.03 (mg/kg)	
Toluene		7 (mg/kg)	
Ethylbenzene		6 (mg/kg)	
Lead		250 (mg/kg)	
MTBE		0.1 (mg/kg)	
Methylene Chloride		0.02 (mg/kg)	
Xylenes		9 (mg/kg)	
cis-1,2-dichloroethene	Soil	0.076 (mg/kg)	MTCA Method B ¹
trans-1,2-dichloroethene		0.48 (mg/kg)	
1,1-dichloroethene		0.037 (mg/kg)	
1,2-dichloroethane		0.0023 (mg/kg)	
Vinyl chloride		0.00013 (mg/kg)	
Chloroform		0.0071 (mg/kg)	
Chloromethane		N/A	
Gasoline-range Petroleum Hydrocarbons	Groundwater	1,000 (µg/L)	MTCA Method A
Diesel-range Petroleum Hydrocarbons		500 (µg/L)	
Oil-range Petroleum Hydrocarbons		500 (µg/L)	
Naphthalenes		160 (µg/L)	
MTBE		20 (µg/L)	
PCE		5 (µg/L)	
TCE		5 (µg/L)	
Vinyl chloride		0.2 (µg/L)	
Benzene		5 (µg/L)	
Toluene		1,000 (µg/L)	
Ethylbenzene		700 (µg/L)	
Xylenes		1,000 (µg/L)	
1,1,1-trichloroethane		200 (µg/L)	
1,2-dichloroethane		5 (µg/L)	
Methylene Chloride		5 (µg/L)	
cis-1,2-dichloroethene	Groundwater	16 (µg/L)	MTCA Method B, Standard Formula ²
trans-1,2-dichloroethene		160 (µg/L)	
Chloroform		14.1 (µg/L)	
Chlorobenzene		160 (µg/L)	

Notes:

¹Based on Protection of Groundwater

²Based on Potable Groundwater (non-carcinogenic)

PCE = Tetrachloroethene

TCE = Trichloroethene

mg/kg = milligrams per kilogram

MTBE = methyl tert-butyl ether

N/A = no MTCA Method B groundwater cleanup level available to allow calculation of soil cleanup level.

µg/L = micrograms per liter

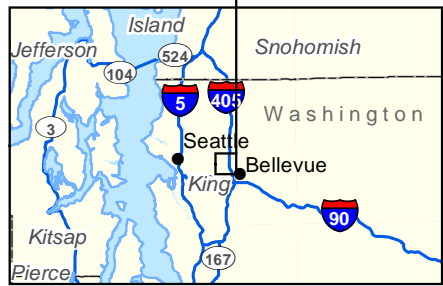
Table 9
Evaluation of Remedial Alternatives
Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
Bellevue, Washington

	Alternative 1 - No action	Alternative 2 - Excavation of contaminated soil with on-site treatment and reuse	Alternative 3 - Excavation of contaminated soil with off-Property disposal	Alternative 4 - Capture of contaminated, perched groundwater using perimeter wells, and permitted water discharge
Compliance with MTCA Threshold Criteria				
<i>Protection of Human Health and the Environment</i>	No: soil and groundwater contamination would not be removed/isolated and exposure pathways would not be mitigated.	Yes: soil contamination would be removed/isolated; direct contact, soil to groundwater exposure pathways would be mitigated.	Yes: soil contamination would be removed/isolated; direct contact, soil to groundwater exposure pathways would be mitigated.	No: Groundwater extraction with perimeter wells would likely increase the migration rate of upgradient contamination onto the Property without a barrier wall system to cut off groundwater. Constructing a barrier wall would require a perimeter excavation that extends below the proposed development excavation; there would be significant risk of creating a pathway for VOC contamination to impact the regional aquifer.
<i>Compliance with Cleanup Standards</i>	No: contaminant concentrations would not be reduced; cleanup standards would not be met.	Yes: excavation would extend from property line to property line; unlikely that VOC- and petroleum-contaminated soil exceeding cleanup levels would remain at the bottom of the excavation.	Yes: excavation would extend from property line to property line; unlikely that VOC- and petroleum-contaminated soil exceeding cleanup levels would remain at the bottom of the excavation.	No: would be difficult to capture most/all contaminated groundwater with perimeter wells due to low permeability of glacially consolidated, silty soil.
<i>Compliance with Applicable State and Federal Laws</i>	No: contaminant concentrations would not be reduced to comply with state/federal laws.	Yes: soil contaminant concentrations would likely be reduced to meet state/federal regulations.	Yes: soil contaminant concentrations would likely be reduced to meet state/federal regulations. Contained-in disposal of VOC-contaminated soil.	No: would be difficult to capture most/all contaminated groundwater with perimeter wells due to low permeability of glacially consolidated, silty soil.
<i>Provision for Compliance Monitoring</i>	No: alternative does not include provisions for monitoring.	Yes: confirmation sampling for COCs would be conducted at excavation limits to document soil conditions. Post-construction groundwater monitoring would be completed.	Yes: confirmation sampling for COCs would be conducted at excavation limits to document soil conditions. Post-construction groundwater monitoring would be completed.	Yes: post-cleanup groundwater monitoring of perched and deeper aquifer monitoring would be performed.
Compliance with Additional Requirements				
<i>Protectiveness</i>	No: alternative does not include any actions to reduce human health risk or improve overall environmental quality.	Yes: alternative likely could treat contaminated soil to levels less than MTCA cleanup levels; reduces risk to human health and the environment.	Yes: 1) alternative removes a large volume of contaminated soil which reduces risk to human health and the environment. 2) any residual contaminated soil that may remain at the bottom of the excavation is isolated from direct contact by a concrete slab/building walls. 3) institutional controls would address any residual contaminated soil that may remain at the bottom of the excavation.	No: groundwater capture with perimeter wells would likely increase the migration rate of upgradient contamination onto the Property without a barrier wall system to cut off groundwater.
<i>Permanence</i>	No: alternative does nothing to permanently reduce the toxicity, mobility or volume of hazardous substances.	Yes: volume and toxicity of contaminated soils would be permanently reduced at Property .	Yes: volume and toxicity of contaminated soils would be permanently reduced at Property .	No: groundwater capture with perimeter wells would likely increase the migration rate of upgradient contamination onto the Property without a barrier wall system to cut off groundwater.
<i>Long-Term Effectiveness</i>	No: magnitude of residual risk remains high with this alternative.	Yes: alternative would reduce contaminant concentrations in soil; some uncertainty that MTCA cleanup levels would be achieved in reasonable timeframe. proven technologies to treat soil.	Yes: soil excavation and off-site disposal would permanently remove contaminated soil from the Property; high probability that cleanup will be successful.	No: would be difficult to capture most/all contaminated groundwater with perimeter wells due to low permeability of glacially consolidated, silty soil.
<i>Management of Short-Term Risks</i>	Not applicable (no cleanup action is being implemented).	No: soil treatment at Property would take place during several months of excavation; elevated risk of VOC exposure to construction workers/nearby public spaces.	Yes: protective health and safety measures would be used to manage short-term contaminant exposure risks to construction workers; risks are not substantially different from what is typically encountered with any large construction project.	No: short term risk would increase relative to on-Property groundwater capture system because groundwater capture wells would need to be drilled in public right-of-way/adjacent roads (parking garage extends beneath sidewalks at perimeter of Property).
<i>Technical and Administrative Implementability</i>	No: "no action" does not integrate with proposed re-development plans for the Property.	No: soil treatment would require extensive space on/adjacent to the Property-space is limited. Re-development project calls for export of most/all excavated soil, so soil reuse on-Property is not feasible.	Yes: remedial excavation/off-Property soil disposal integrates well with construction excavation for proposed development.	No: perimeter wells would need to be used with a barrier wall system that ties into low permeability soil at a depth of 90 feet or more; would be very difficult to construct barrier wall system.
<i>Restoration Time Frame</i>	No: Does not provide for a reasonable restoration timeframe.	Yes: treatment would likely achieve soil cleanup levels in excavated soil relatively quickly (within several weeks of starting treatment)	Yes: contaminated soil at the Property would likely be removed within 6 months of starting remedial excavation.	No: difficult to capture most perched groundwater with perimeter wells; migration rate of contamination onto Property would likely increase.
<i>Consideration of Public Concerns</i>	Not applicable (no cleanup action is being implemented).	No: soil treatment would likely include aeration of excavated soil to volatilize VOCs; potential for prolonged exposure of workers/nearby public spaces to elevated VOC levels in air.	Yes: soil excavation/disposal would be conducted with appropriate public notification/signage. Would take place during construction excavation and is considered routine; not expected to generate significant public concern/comment.	No: potential for increased public concern over migration of contamination to regional aquifer during construction of barrier wall/groundwater cutoff system. Perimeter wells would be drilled in public right-of-way (traffic re-routing necessary during construction of groundwater capture system and barrier wall).
Evaluation Summary	Alternative Eliminated	Alternative Eliminated	Preferred Soil Mitigation Alternative	Alternative Eliminated

Table 9
Evaluation of Remedial Alternatives
Sterling Realty Organization Property at 10605 and 10619 NE 8th Street
Bellevue, Washington

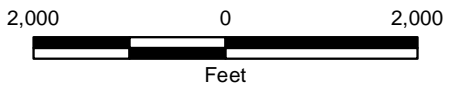
	Alternative 5 - Capture of contaminated, perched groundwater using subsurface wall drains, and permitted water discharge	Alternative 6 - Soil Vapor Extraction System (SVE) and vapor treatment system at perimeter of Property	Alternative 7 - Install vapor barrier on subsurface, perimeter building walls and concrete slab at bottom of underground parking structure
Compliance with MTCA Threshold Criteria			
<i>Protection of Human Health and the Environment</i>	Yes: groundwater capture with subsurface wall drains is expected to be effective in capturing most/all of the perched water migrating toward the Property/subsurface parking garage. System would be designed to minimize the potential for downward migration of contaminated groundwater to deeper regional aquifer. Direct contact pathway is mitigated.	Yes: SVE system would likely be effective in removing VOC vapors from subsurface soil adjacent to the parking garage walls and thereby significantly reduce vapor intrusion potential.	Yes: vapor barrier would minimize potential for migration of VOC vapors into the underground parking garage/building. Mitigates vapor exposure pathway for building occupants.
<i>Compliance with Cleanup Standards</i>	Yes: groundwater capture system would be designed to minimize potential for contaminated groundwater exceeding cleanup levels to migrate onto Property.	Yes: SVE system would likely be effective in mitigating potential vapor intrusion to parking garage/building. Likely that indoor air cleanup levels for VOCs could be achieved.	Yes: vapor barrier would likely be effective in mitigating potential vapor intrusion to parking garage/building. Likely that indoor air cleanup levels for VOCs could be achieved.
<i>Compliance with Applicable State and Federal Laws</i>	Yes: groundwater capture system would be designed to minimize potential for contaminated groundwater exceeding cleanup levels to migrate onto Property.	Yes: SVE system would likely be effective in mitigating potential vapor intrusion to parking garage/building. Likely that indoor air cleanup levels for VOCs could be achieved.	Yes: vapor barrier would likely be effective in mitigating potential vapor intrusion to parking garage/building. Likely that indoor air cleanup levels for VOCs could be achieved.
<i>Provision for Compliance Monitoring</i>	Yes: VOC-contaminated groundwater that is captured would be disposed in sewer under a permitted discharge authorization. Compliance monitoring of captured groundwater would be performed. Also, post-construction monitoring of deep groundwater.	Yes: compliance monitoring samples for indoor air would be collected/analyzed.	Yes: compliance monitoring samples for indoor air would be collected/analyzed.
Compliance with Additional Requirements			
<i>Protectiveness</i>	Yes: groundwater capture with wall drains would reduce direct contact human health risk and improve overall environmental/water quality on the Property.	Yes: SVE system would likely be effective in removing VOC vapors from subsurface soil adjacent to the parking garage walls and thereby significantly reduce vapor intrusion potential.	Yes: vapor barrier would minimize potential for migration of VOC vapors into the underground parking garage/building. Mitigates vapor exposure pathway for building occupants.
<i>Permanence</i>	Yes: contaminated groundwater capture/discharge is considered the most permanent solution achievable considering the presence of the adjacent, separately-owned upgradient source property	Yes: SVE system would permanently reduce the mobility of VOC vapors as long as it was operated. Vapors removed from the subsurface would be treated in accordance with an air discharge permit.	Yes: a vapor barrier is expected to provide effective vapor intrusion control/mitigation for the life of the building
<i>Long-Term Effectiveness</i>	Yes: groundwater capture with subsurface wall drains is expected to be an effective, long-term engineering control that minimizes potential for contaminated groundwater to migrate onto the Property.	Yes: SVE system would likely be effective over the long-term in removing VOC vapors from subsurface soil adjacent to the parking garage walls and thereby significantly reduce vapor intrusion potential.	Yes: a vapor barrier is expected to provide long-term vapor intrusion control/mitigation for the life of the building.
<i>Management of Short-Term Risks</i>	Yes: construction and implementation of the groundwater capture system does not result in a significant amount of additional short-term risk beyond what is typical for a large construction project.	No: short term risk would increase relative to an on-Property vapor mitigation alternatives because vapor extraction wells/associated piping would need to be constructed in public right-of-way (streets), thus increasing risk to workers.	Yes: installation of a vapor barrier during building construction is not expected to result in a significant amount of additional short-term risk beyond what is typical for a large construction project.
<i>Technical and Administrative Implementability</i>	Yes: the groundwater capture system would be incorporated into the engineered wall drains that will be designed by the developer's engineers to relieve hydrostatic pressure on the external building walls.	No: SVE system with vapor treatment may be technically feasible, but would be difficult to implement because of space constraints for SVE wells and vapor treatment equipment. Can be difficult to remove VOC vapors from till sites based on low soil permeability and heterogeneous nature of these soils.	Yes: a vapor barrier is technically feasible; vapor barriers are commonly installed at sites where potential for VOC vapor intrusion is significant.
<i>Restoration Time Frame</i>	Yes: groundwater capture system would likely be completed one to two years after re-development of Property begins. System is expected to operate for many years to capture off-Property contaminated groundwater migrating toward Property.	Yes: SVE system would likely be completed within two years after re-development of Property begins. System would operate for many years to capture VOC vapors from off-Property contaminated soil and groundwater that will be present for many years.	Yes: a subsurface vapor barrier would likely be installed within one year of the start of construction at the Property. The vapor barrier would be in-place for the life of the building.
<i>Consideration of Public Concerns</i>	Yes: alternative is not expected to generate significant public concerns because it is based on commonly used construction techniques. Would comply with standards for discharging water to the sewer system.	No: 1) SVE wells would be located in public ROW (busy streets) and would require periodic traffic re-routing during installation/monitoring/maintenance. 2) noise from SVE system may be obtrusive to businesses/tenants in the proposed on-Property development.	Yes: a vapor barrier is not visible to building occupants and is not expected to generate significant public concerns.
Evaluation Summary	Preferred Groundwater Mitigation Alternative	Alternative Eliminated	Preferred Soil Vapor Mitigation Alternative


Path: \\sear\projects\9\9227004\GIS\922700400_VicinityMap.mxd Map Revised: 25 March 2013 amanza



Data Source: Esri Street Map.
 Projection: NAD 1983 UTM Zone 10N

Notes:
 1. The locations of all features shown are approximate.
 2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document.
 GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.



Vicinity Map	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
GEOENGINEERS 	Figure 1



Legend

- Bellevue Corner Property at 10605 and 10619 NE 8th Street
- Proposed Phase I Redevelopment Property
- Parcel Boundary
- Approximate Geologic Cross Section Location



Data Source: Aerial image from Microsoft, 2011.
Parcel boundaries from King County, 2013.

Notes:

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2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

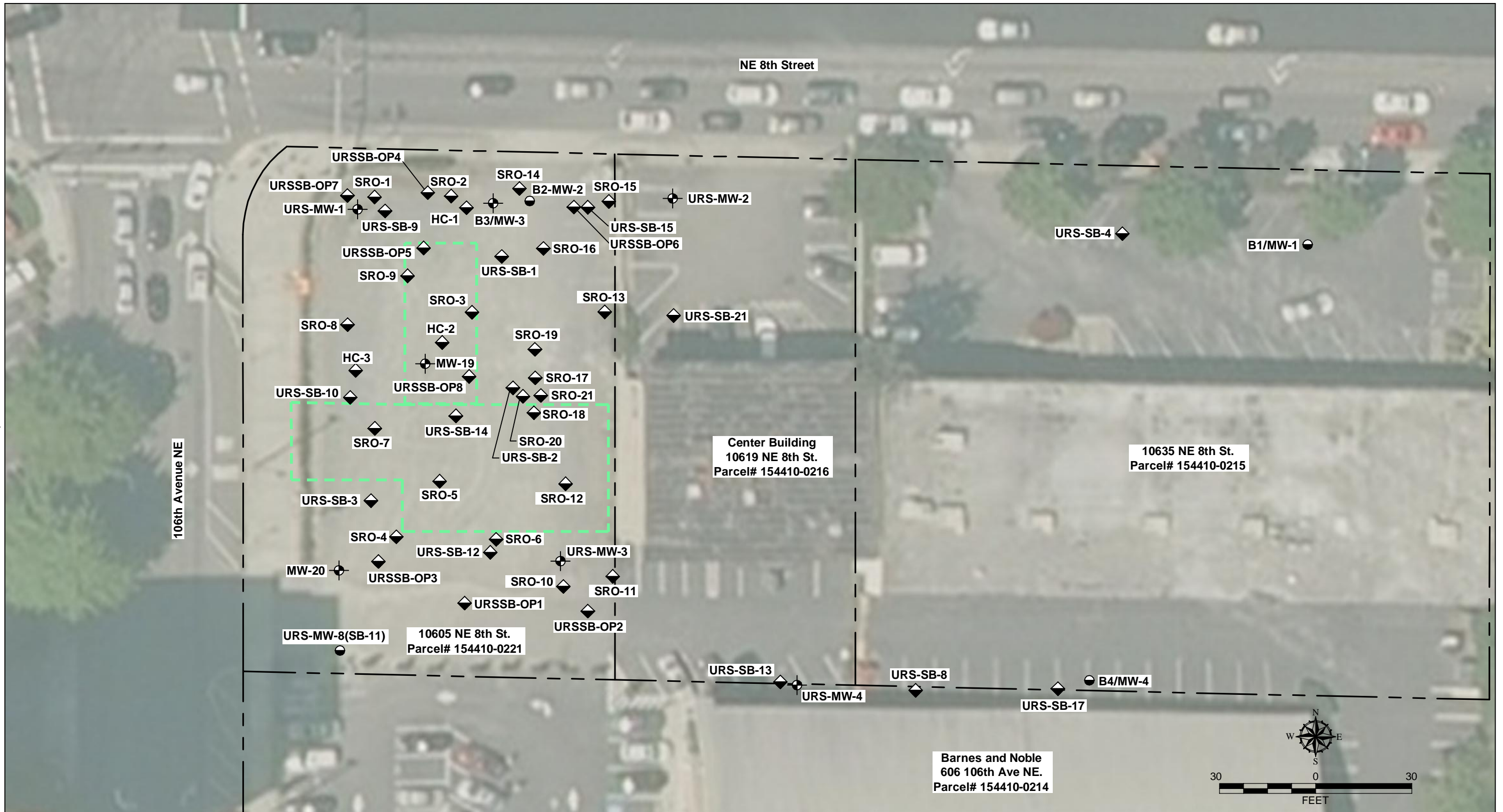
Bellevue Corner Property and Adjacent Parcels

SRO, 10605 and 10619 NE 8th Street
Bellevue, Washington



Figure 2

P:\1919227004\100\CAD\103_SHEET FILES\RIFS\FIGURE 3 SAMPLE LOCATION MAP.DWG\TAB:FI MODIFIED BY TRICHAUD ON MAY 14, 2014 - 9:33



Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

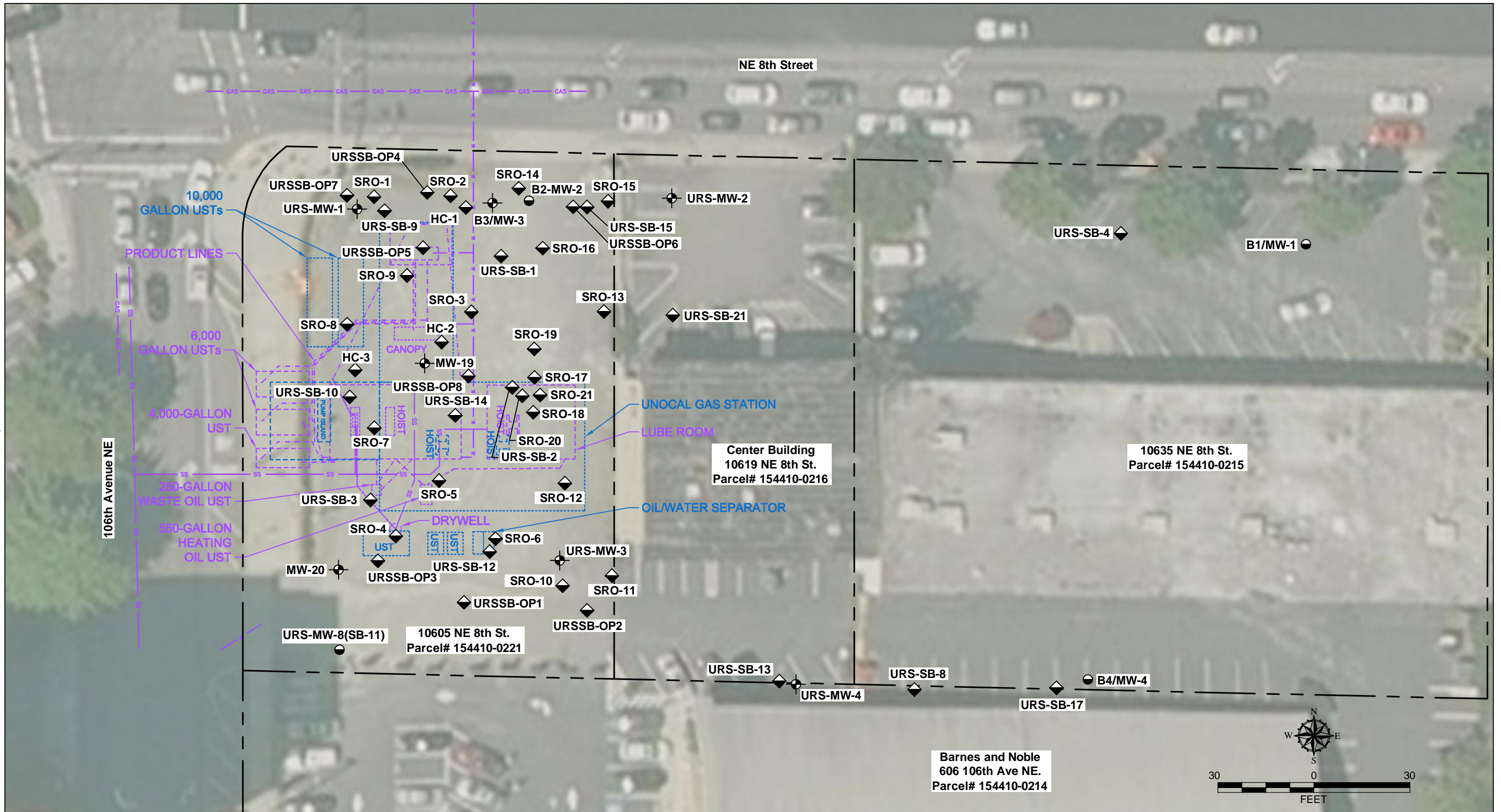
Reference: Background image obtained from Bing Images, 2012.

<u>Legend</u>	
◆	Monitoring Well Location
●	Deep Monitoring Well Location
◆	Soil Boring Location
---	Approximate Parcel Boundaries
HC	Hart Crowser Soil Boring
URS	URS Soil Boring/Well
◆	SRO Farallon Soil Boring
●	B1/MW-1 Terra Associates Soil Boring/Well
---	Former Gas Station

Sample Location Map	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
GEOENGINEERS	Figure 3



P:\1919227004\100\CAD\103_SHEET FILES\RIFS\FIGURE 4 HISTORICAL FEATURES.DWG\TAB:F1 MODIFIED BY TMICHAUD ON MAY 14, 2014 - 9:36



Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Background image obtained from Bing Images, 2012. Historical Site features from Sound Earth Strategies, Inc., 2011 figure.

Legend

- Monitoring Well Location
- Deep Monitoring Well Location
- Soil Boring Location
- Approximate Parcel Boundaries
- HC** Hart Crowser Soil Boring
- URS** URS Soil Boring/Well
- SRO** Farallon Soil Boring
- B1/MW-1** Terra Associates Soil Boring/Well
- PURPLE Historical Site Feature (1959-1962)
- BLUE Historical Site Feature (1969)

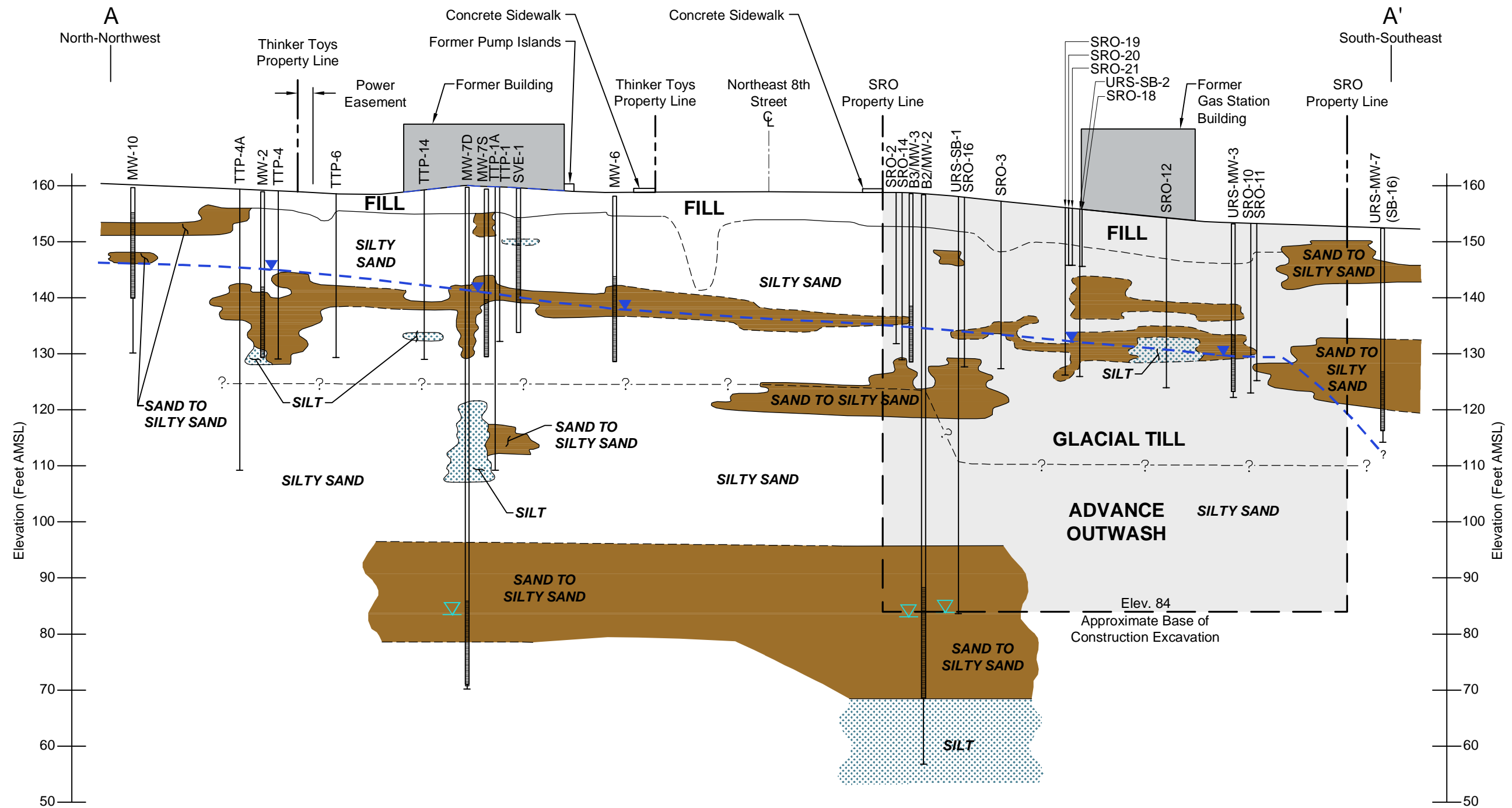
Historical Features and Sample Locations

SRO, 10605 and 10619 NE 8th Street
Bellevue, Washington



Figure 4

P:\1919227004\100\CAD\103_SHEET FILES\Task 100\FIGURE 5-6 Cross-Section AA_BB.DWG\TAB:AA MODIFIED BY THICHAUD ON DEC 04, 2014 - 12:44



Legend

- Boring/Monitoring Well Location Transposed (TP) in feet, North (N), South (S), East (E), or West (W) of Cross-Section Line
- Blank Casing
- Groundwater Level
- Water Table
- Well Screen Interval
- Bottom of Boring
- Inferred Geologic Contact
- Planned Development Excavation Extent

Notes

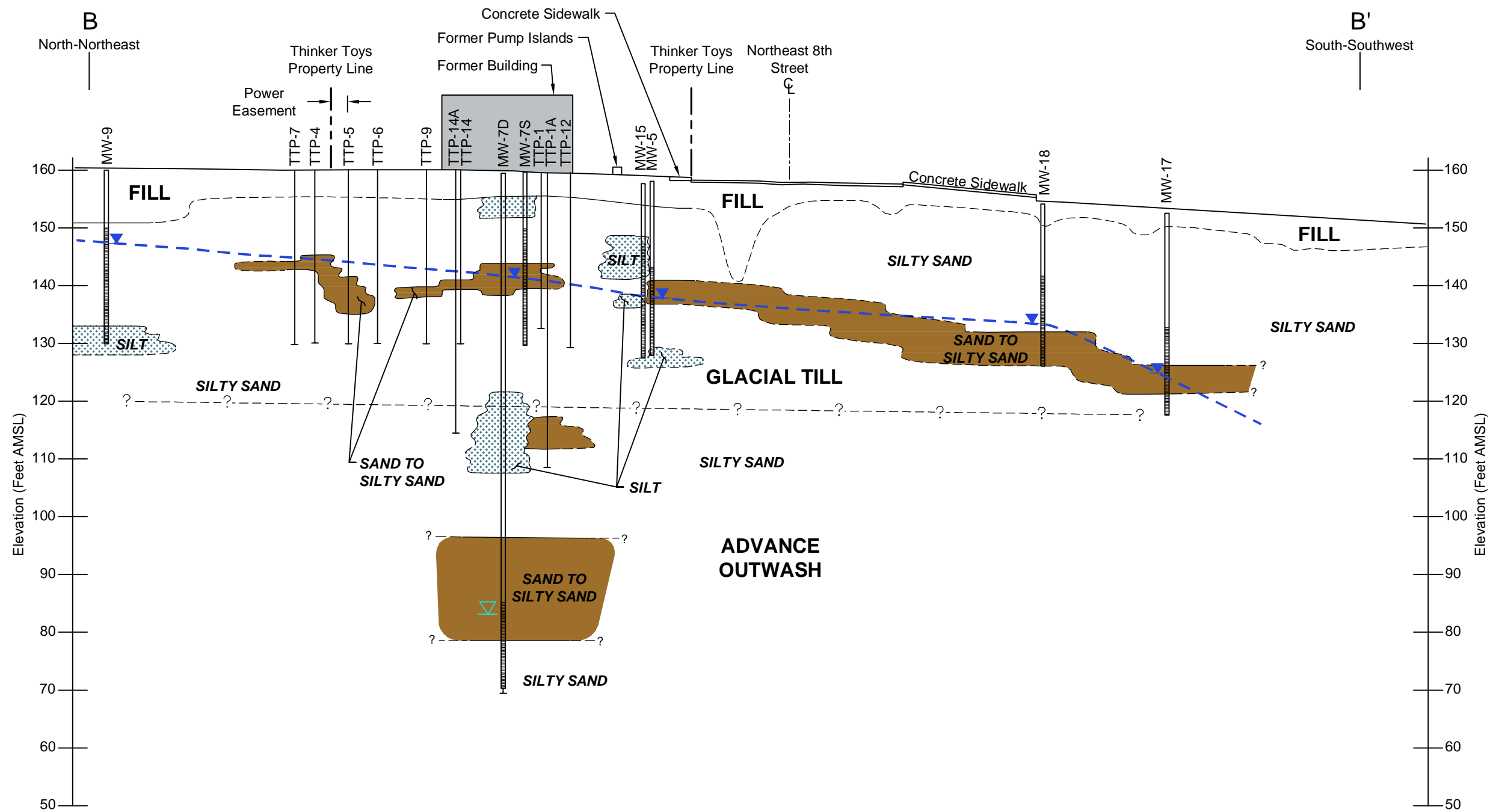
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
3. Cross Section Location is shown on Figure 2.

Reference: Cross-Section A-A' for the Former Thinker Toys site by Farallon Consulting, dated 11/02/10.







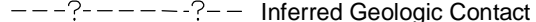
HORIZONTAL SCALE: 1"= 40'
 VERTICAL SCALE: 1"= 20'
 VERTICAL EXAGGERATION: 2X

Geologic Cross Section A-A'	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
	Figure 5

P:\1919227004\100\CAD\103_SHEET FILES\Task 100\FIGURE 5-6 Cross-Section AA_BB.DWG\TAB:BB MODIFIED BY THICHAUD ON DEC 04, 2014 - 12:44



Legend


-  Boring/Monitoring Well Location Transposed (TP) in feet, North (N), South (S), East (E), or West (W) of Cross-Section Line
-  Blank Casing
-  Groundwater Level
-  Water Table
-  Well Screen Interval
-  Bottom of Boring
-  Inferred Geologic Contact


Notes

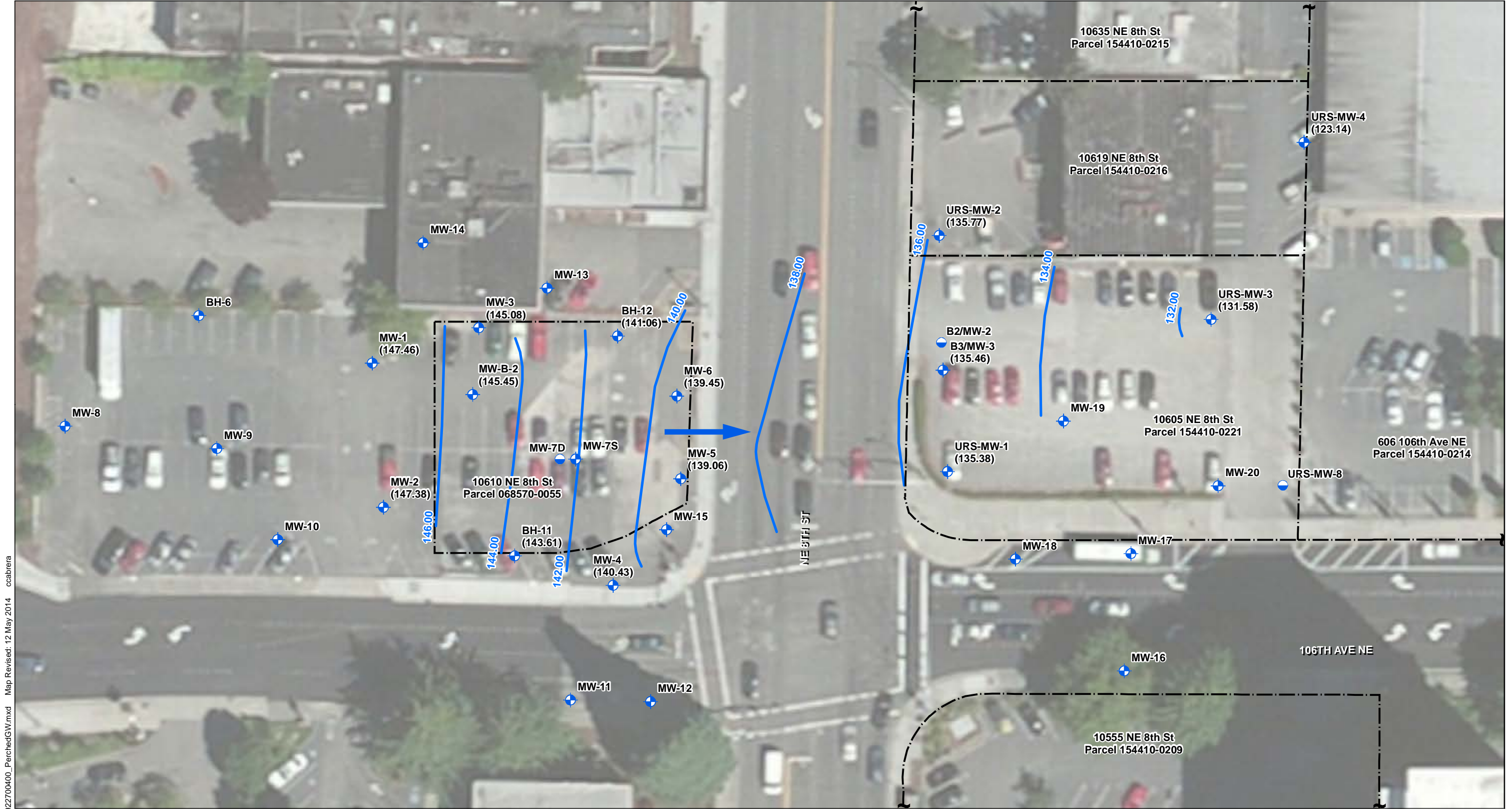
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
3. Cross Section location is shown on Figure 2.

Reference: Cross-Section B-B' for the Former Thinker Toys site by Farallon Consulting, dated 11/02/10.

HORIZONTAL SCALE: 1"= 40'
 VERTICAL SCALE: 1"= 20'
 VERTICAL EXAGGERATION: 2X



Geologic Cross Section B-B'	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
	Figure 6

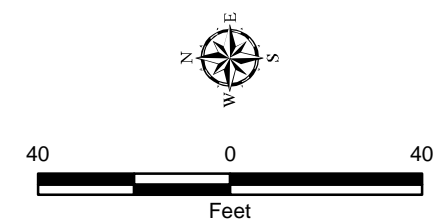


Path: W:\Seattle\Projects\9227004\GIS\922700400_PerchedGW.mxd Map Revised: 12 May 2014 ccabrera

Data Source: Aerial image from Microsoft, 2011.
Monitoring well locations and groundwater contours digitized from Sound Earth Strategies, 2011.

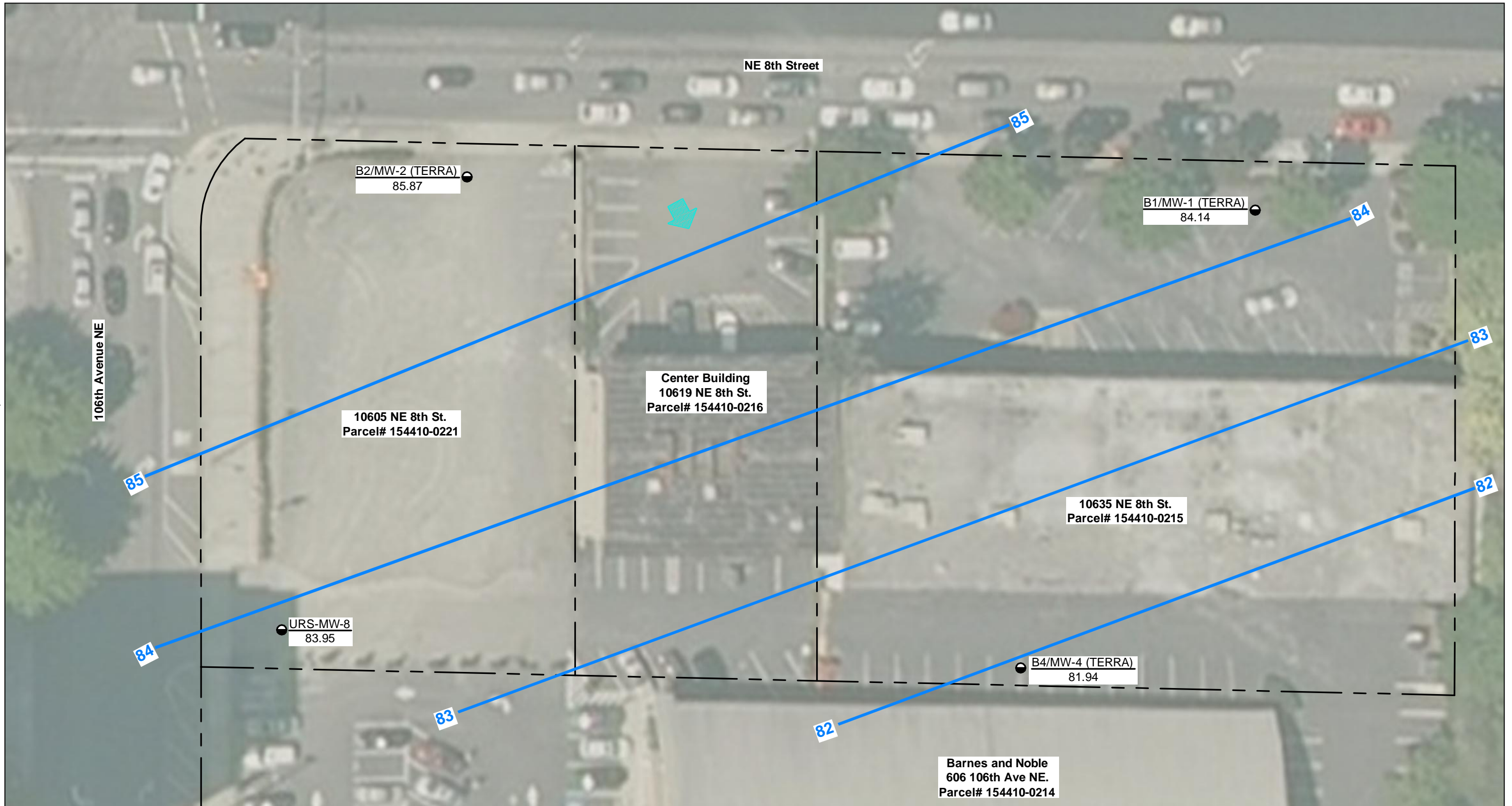
Notes:
 1. Groundwater elevations are above mean sea level (NAVD88 Datum).
 2. May 3, 2010 groundwater elevation data for shallow wells on the SRO Property are shown in Table 1. Groundwater elevation data for the Thinker Toys property wells are not tabulated.
 3. The locations of all features shown are approximate.
 4. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

- Legend**
- ◆ Monitoring Well
 - Deep Monitoring Well
 - Inferred Groundwater Elevation Contour
 - ➔ Inferred Perched Groundwater Flow Direction (May 3, 2010)
 - - - - - Approximate Parcel Boundary



Perched Groundwater Elevation Contours (May 3, 2010)	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
GEOENGINEERS	Figure 7

P:\1919227004\100\CAD\103_SHEET FILES\TASK 100\FIGURE 8 ADVANCED OUTWASH GW.DWG\TAB:FI MODIFIED BY THICHAUD ON DEC 04, 2014 - 12:46



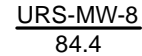



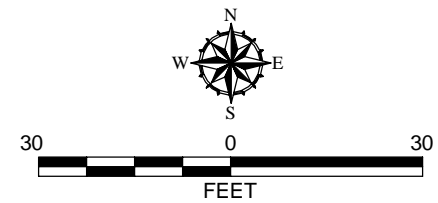
Notes

1. Groundwater elevations are above mean sea level (NAVD88 datum)
2. October 21, 2011, groundwater elevation data are shown on Table 1.
3. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
4. The locations of all features shown are approximate.

Reference: Background image obtained from Bing Images, 2012. Historical Site features from Sound Earth Strategies, Inc., 2011 figure.

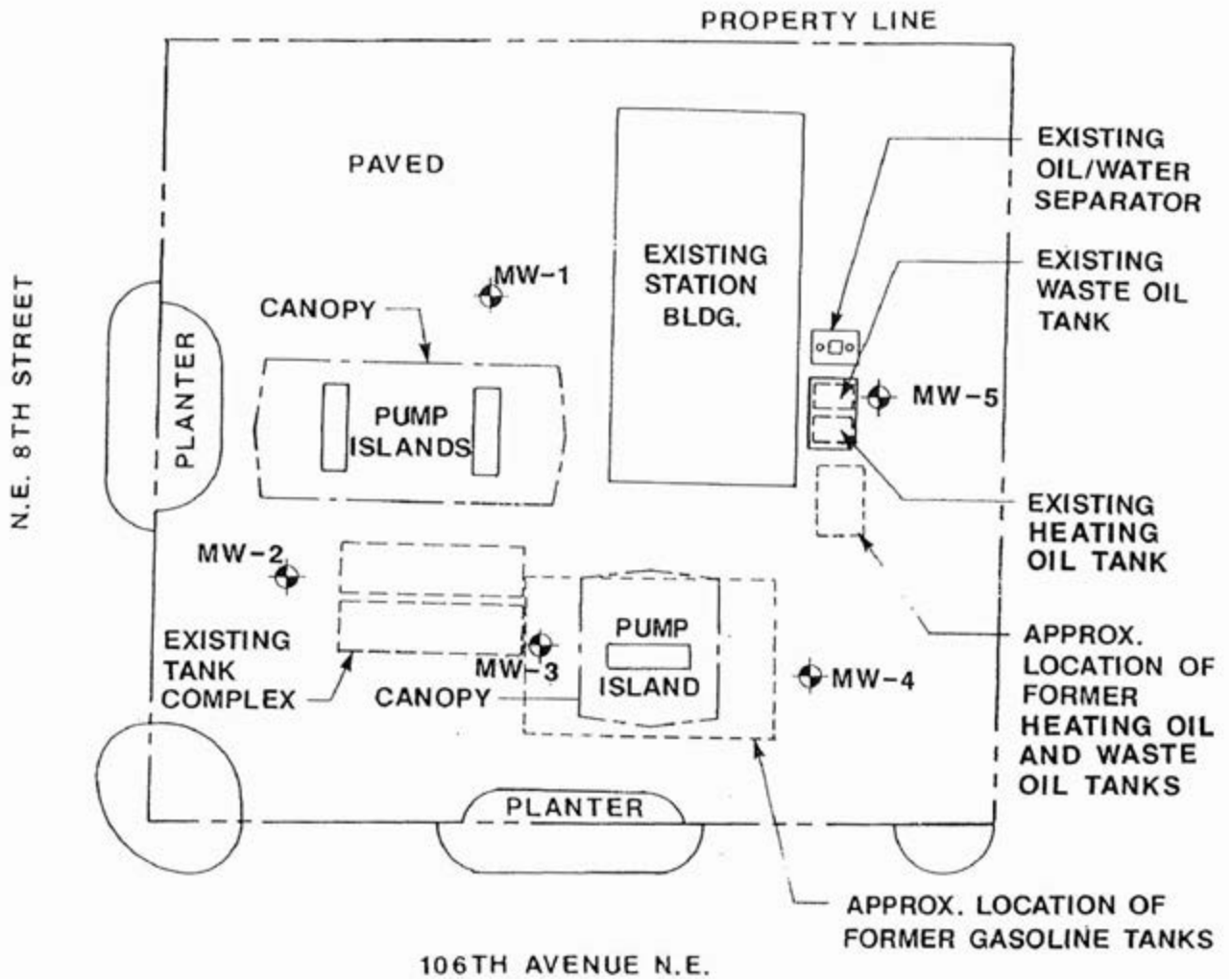
Legend

-  Inferred Groundwater Contour
-  Approximate Groundwater Flow Direction in Advance Outwash
-  Deep Well or Soil Boring Designation
Groundwater Elevation on October 21, 2011
-  Deep Monitoring Well Location



Advance Outwash Groundwater Elevation Contours (October 21, 2011)	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
GEOENGINEERS 	Figure 8

P:\19\9227004\00\CAD\03_SHEET FILES\TASK 100\922700400_EMCON SITE PLANS.DWG\TAB:FIG 9 MODIFIED BY TMICHAUD ON DEC 04, 2014 - 12:40



EXPLANATION:

MW-2  Boring/Monitoring Well Locations



Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Figure 2 Site and Exploration Plan by EMCON dated June 1990.

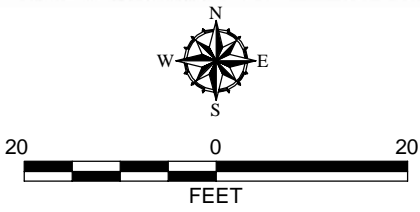
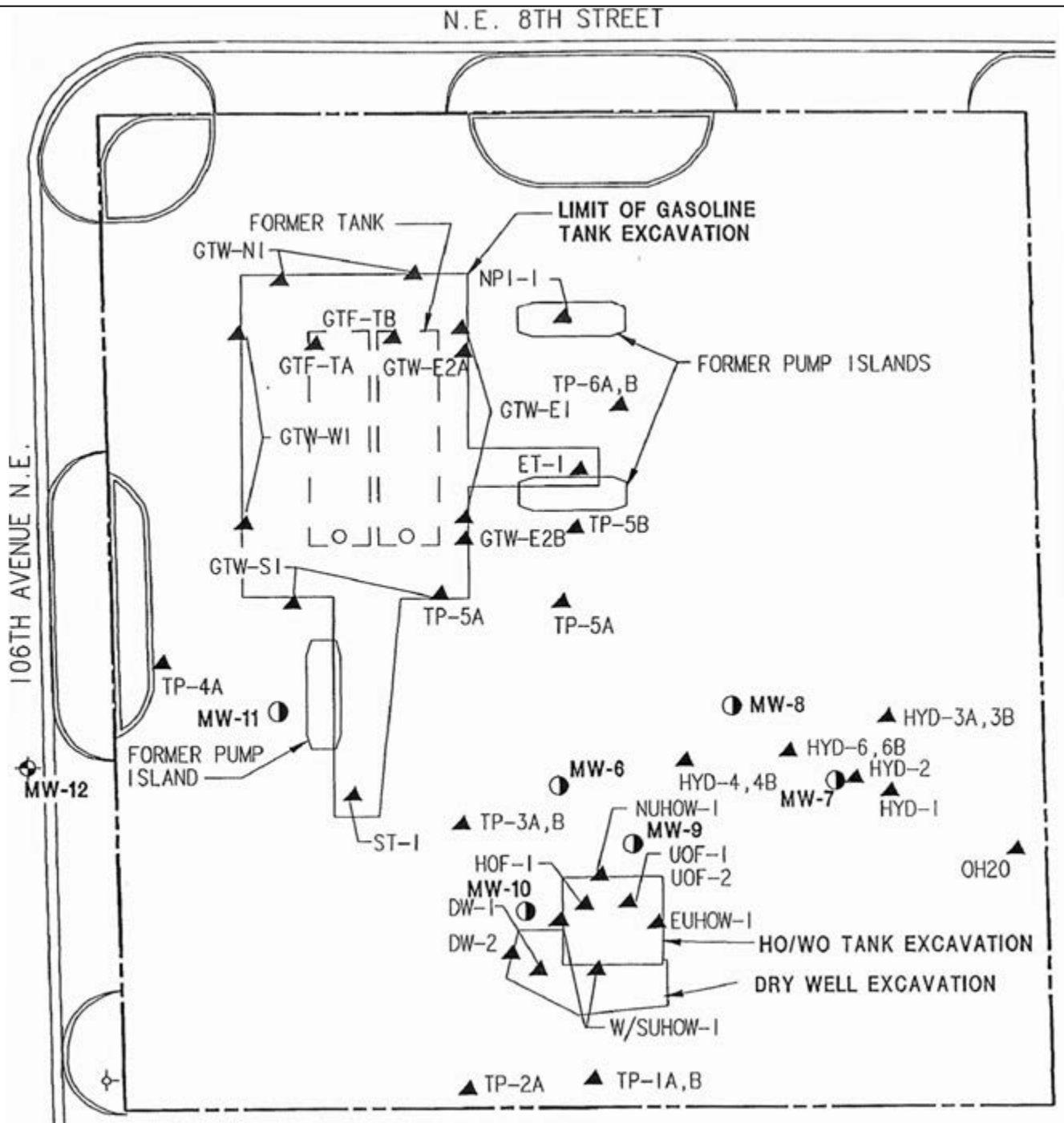
**Site and Exploration Plan from
1990 PESA Report**

SRO 10605 and 10619 NE 8th Street
Bellevue, Washington 98004



Figure 9

P:\19227004\001\CAD\03_SHEET FILES\TASK 100\922700400_EMCON SITE PLANS.DWG\TAB:FIG 10 MODIFIED BY TMICHAUD ON DEC 04, 2014 - 12:38



EXPLANATION	
MW-6	● EXPLORATORY SOIL BORINGS
	▲ SOIL SAMPLE LOCATION
MW-12	⊕ GROUND WATER MONITORING WELL

Notes

1. The locations of all features shown are approximate.
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Reference: Figure 2 Site Map and Soil Sample Locations by EMCON dated May 1992.

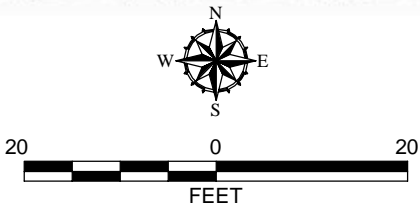
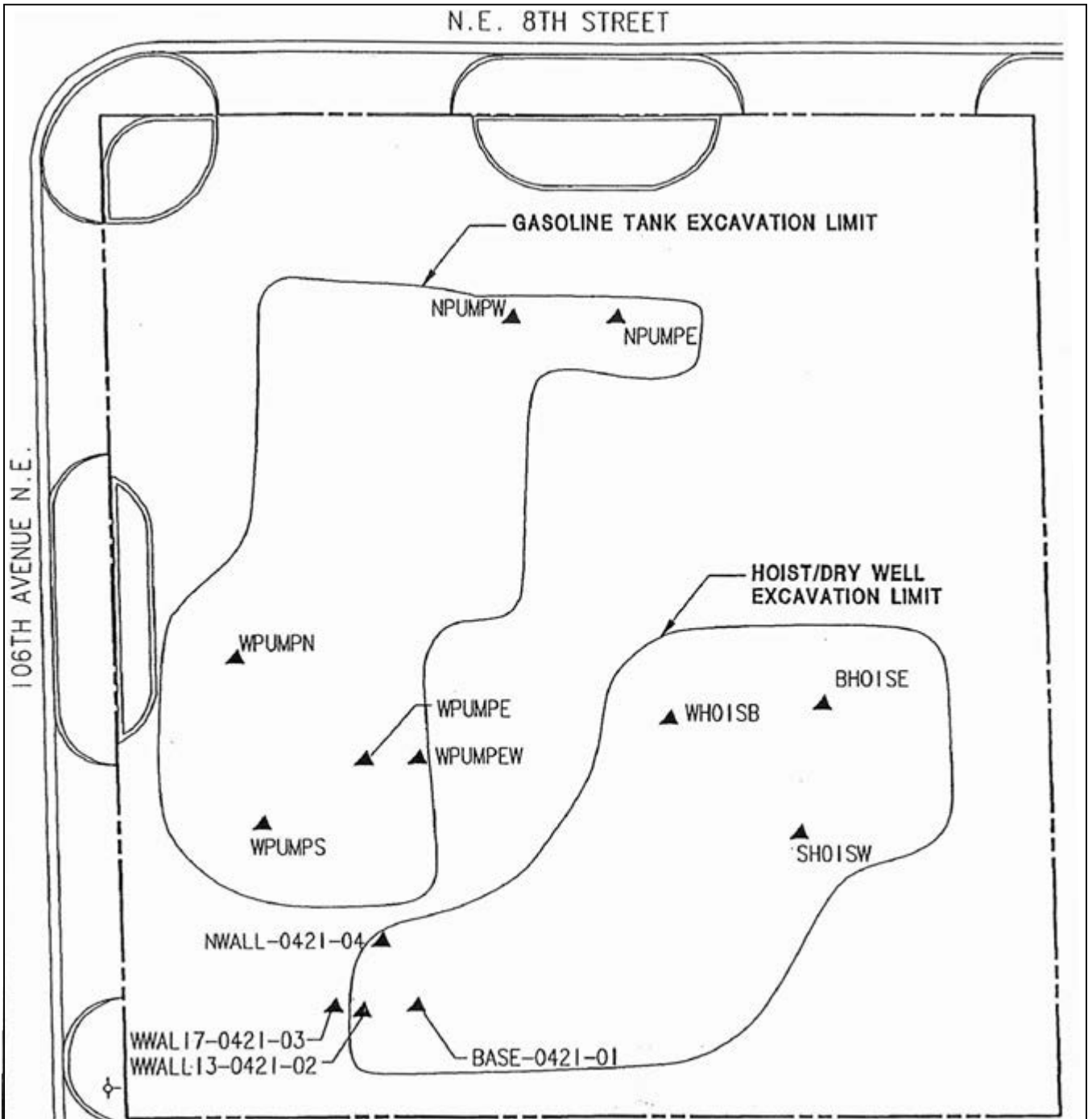
Site Map and Soil Sample Locations Plan from 1992 UST Closure Assessment Report

SRO 10605 and 10619 NE 8th Street
Bellevue, Washington 98004



Figure 10

P:\19\9227004\00\CAD\03_SHEET FILES\TASK 100\922700400_EMCON SITE PLANS.DWG\TAB:FIG 11 MODIFIED BY TMICHAUD ON DEC 04, 2014 - 12:37




EXPLANATION
▲ SOIL SAMPLE LOCATION

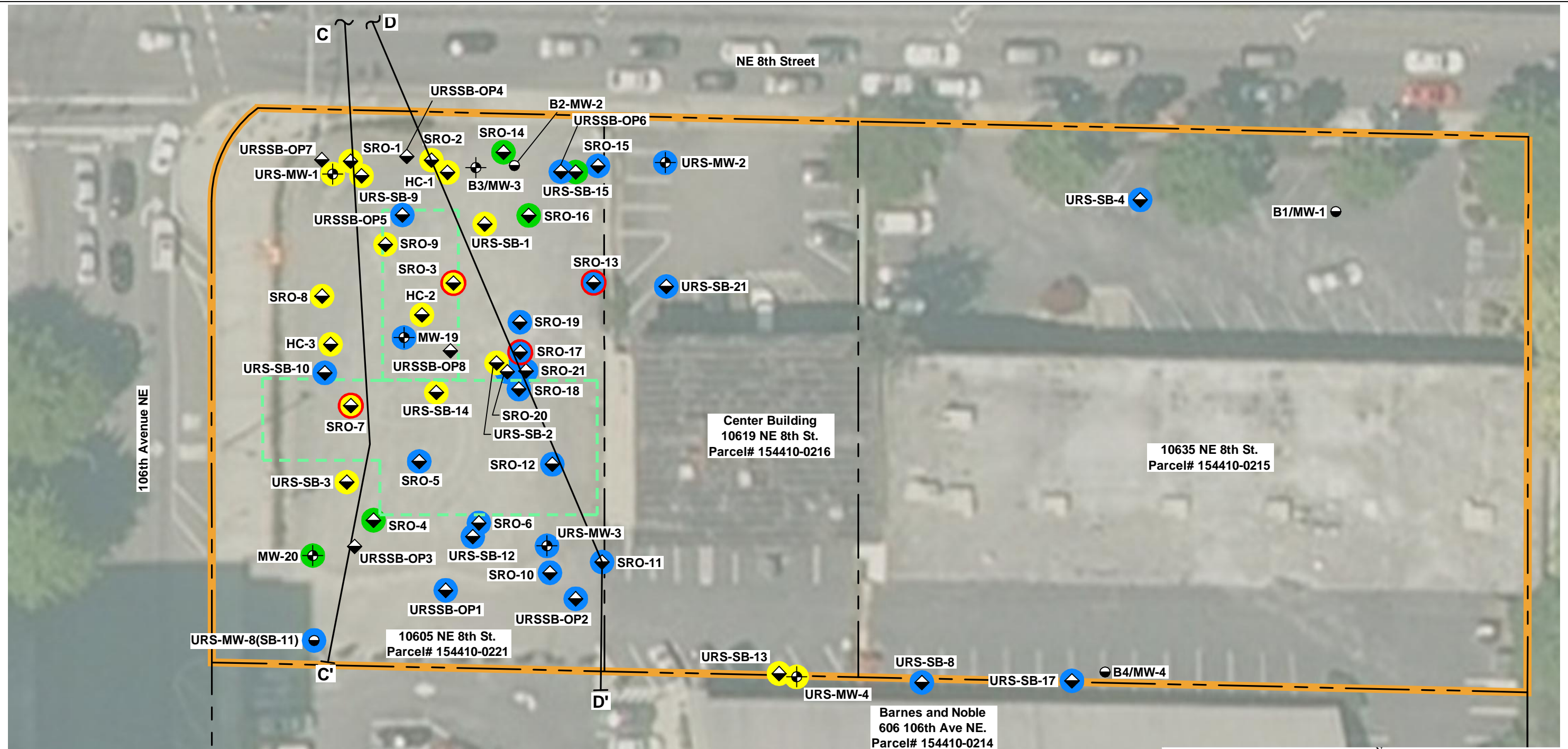
Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Figure 3 Soil Excavation Sample Locations by EMCON dated May 1992.

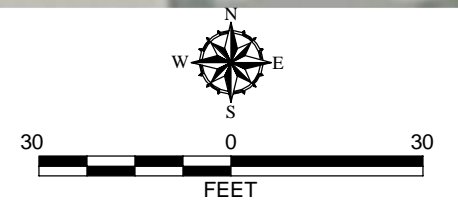
Soil Excavation Sample Locations from 1992 UST Closure Assessment Report	
SRO 10605 and 10619 NE 8th Street Bellevue, Washington 98004	
GEOENGINEERS 	Figure 11

P:\19\227004\100\CAD\03_SHEET FILES\RIFS\FIGURE 9 PCE DETECTIONS IN SOIL.DWG\TAB:F7 MODIFIED BY TMICHAUD ON MAY 16, 2014 - 11:19



Legend

- ⊕ Monitoring Well Location
 - Deep Monitoring Well Location
 - ◆ Soil Boring Location
 - - - Approximate Parcel Boundaries
 - Excavation Extent for Planned Phase I Development
 - HC Hart Crowser Soil Boring
 - URS URS Soil Boring/Well
 - SRO Farallon Soil Boring
 - B1/MW-1 Terra Associates Boring/Well
 - Former Gas Station
 - C-C' Cross-Section
-
- Highest PCE Concentration in Soil:
- Not detected above laboratory reporting limit
 - Detected at or below MTCA Method A Cleanup Level (0.05 mg/kg)
 - Detected above MTCA Method A Cleanup Level (0.05 mg/kg) and at or below 2.3 mg/kg
 - Gasoline or diesel-/oil-range petroleum detected above MTCA Method A Cleanup level in shallow soil (<9' bgs)
 - No Color = Chemical analysis not performed



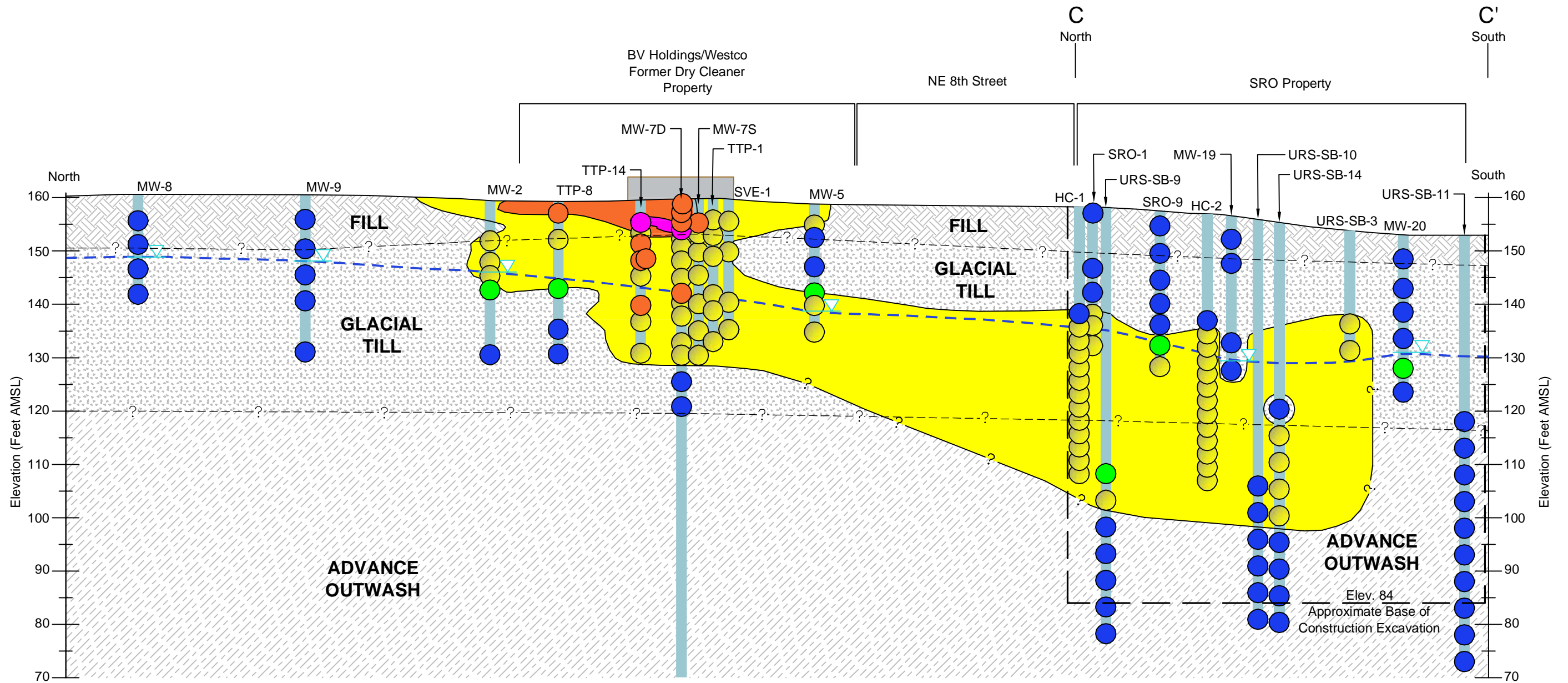
Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Background image obtained from Bing Images, 2012.

PCE Detections in Soil	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
GEOENGINEERS	Figure 12

P:\19227004\001\CAD\03_SHEET FILES\RIFS\FIGURE 10_12_13.DWG\TAB\F10 MODIFIED BY TMICHAUD ON MAY 16, 2014 - 11:27



**Tetrachloroethene (PCE)
Concentrations**

- Not Detected Above Laboratory Reporting Limit
 - <0.05 mg/kg
 - and 0.05 to 2.3 mg/kg
 - and 2.3 to 60 mg/kg
 - and 60 mg/kg (RCRA Land Ban Value)
 - ? — Limit Uncertain
- MTCA Method A Cleanup Level = 0.05 mg/kg

Legend

- MW-8 Monitoring Well Location
- TTP-8/SRO-9 Soil Boring Location
- Approximate Soil Sampling Depth
- Former Dry Cleaners Building
- AMS L Above Mean SeaLevel
- Water table
- ▽ Groundwater Level Elevation (Feet AMSL; August 23, 2010)
- C-C' Cross-Section Location Shown on Figure 12
- - - ? - - - Inferred Geologic Contact
- [] Planned Development Excavation Extent

Notes

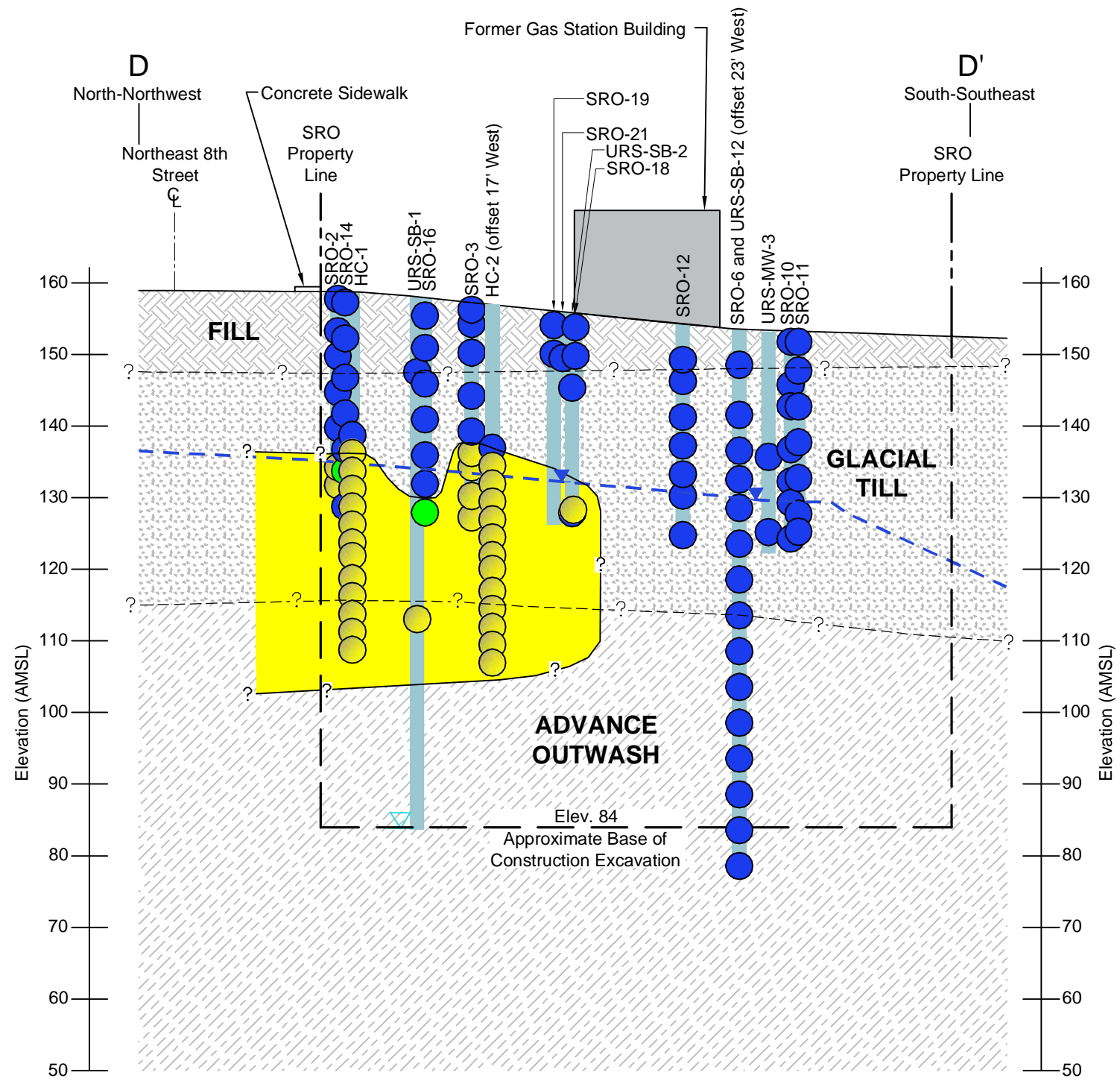
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Background image provided by URS, dated 2011.
Modified by GeoEngineers.

HORIZONTAL SCALE: 1"= 40'
VERTICAL SCALE: 1"= 20'
VERTICAL EXAGGERATION: 2X

PCE Soil Contamination Cross Section C-C'	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
GEOENGINEERS	Figure 13

P:\19227004\100\CAD\103_SHEET FILES\RIFS\FIGURE 11 PCE SOIL CROSS-SECTION DD.DWG\TAB:AA MODIFIED BY TRICHAUD ON MAY 16, 2014 - 11:28

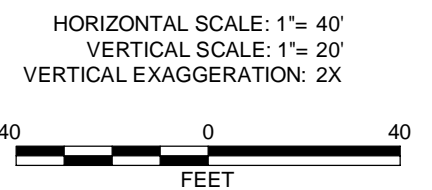


Legend

- MW-8** Monitoring Well Location
- SRO-9** Soil Boring Location
- Approximate Soil Sample Depth
- Perched Groundwater Level (August 23, 2010)
- Deep Groundwater Level (August 23, 2010)
- D-D' Cross-Section Location Shown on Figure 12
- AMSL Above Mean Sea Level (NAVD88 datum)
- ?--- Inferred Geologic Contact
- [] Planned Development Excavation Extent

Tetrachloroethene (PCE) Concentrations

- Not Detected Above the Laboratory Reporting Limit
- <0.05 mg/kg
- and ● ≥0.05 to 2.3 mg/kg
- MTCA Method A Cleanup Level = 0.05 mg/kg
- ?--- Limit Uncertain



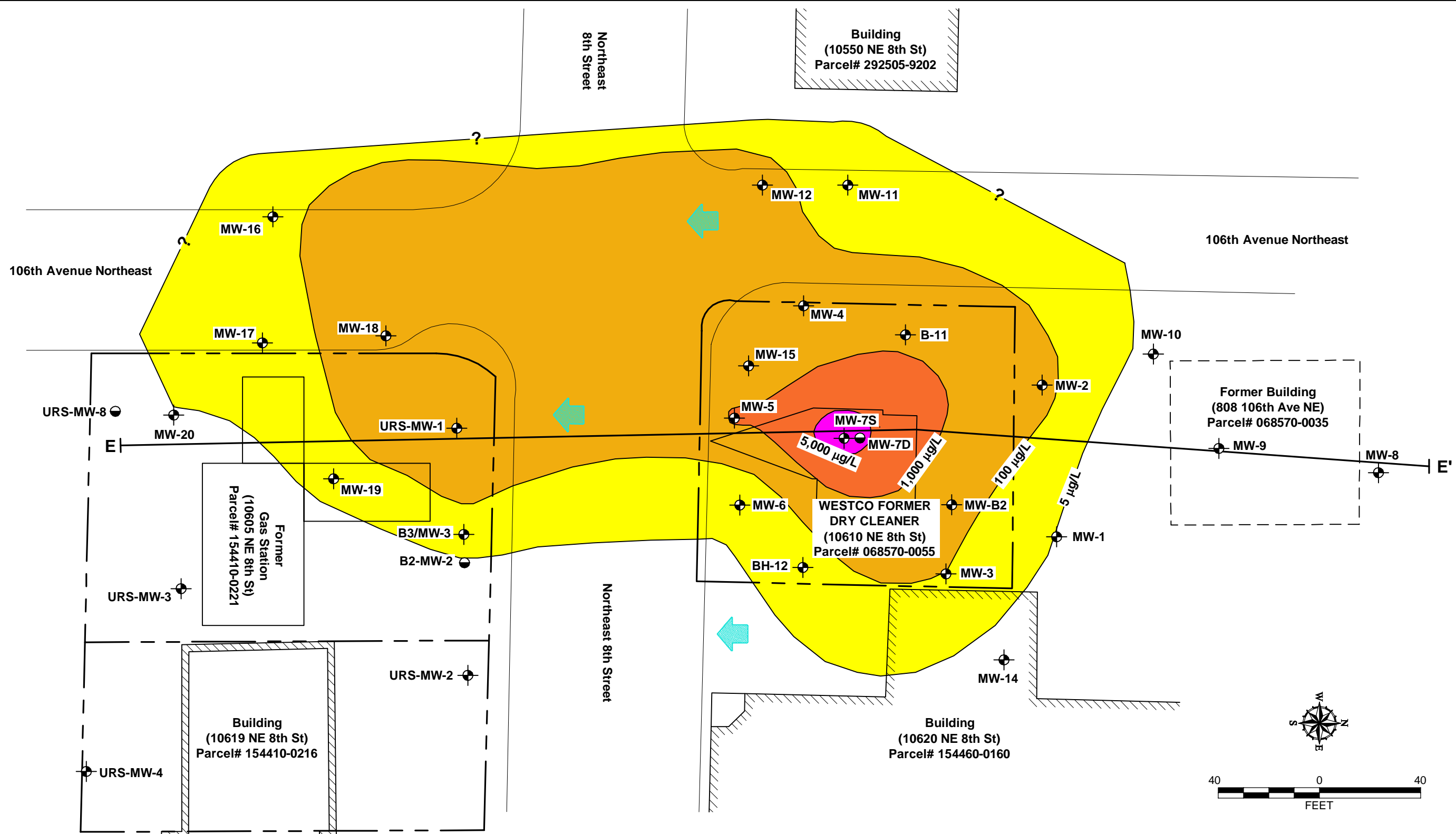
Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Cross-Section B-B' for the Former Thinker Toys site by Farallon Consulting, dated 11/02/10. Soil chemical data obtained between 2008 and 2011.

PCE Soil Contamination Cross Section D-D'	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
GEOENGINEERS	Figure 14

P:\1919227004\00\CAD\03_SHEET FILES\RIFS\FIGURE 10_12_13.DWG\TAB\F12 MODIFIED BY TMICHAUD ON MAY 14, 2014 - 10:22



Notes

1. PCE groundwater data for SRO Property Wells is shown in Table 5.
2. The locations of all features shown are approximate.
3. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

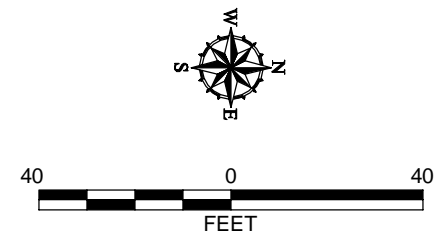
Reference: Background image provided by URS, dated 2011. Modified by GeoEngineers.

Tetrachloroethene (PCE) Concentrations

- 5 to 100 µg/L
 - 100 to 1,000 µg/L
 - 1,000 to 5,000 µg/L
 - > 5,000 µg/L
- MTCA Method A Cleanup Level = 5 µg/L

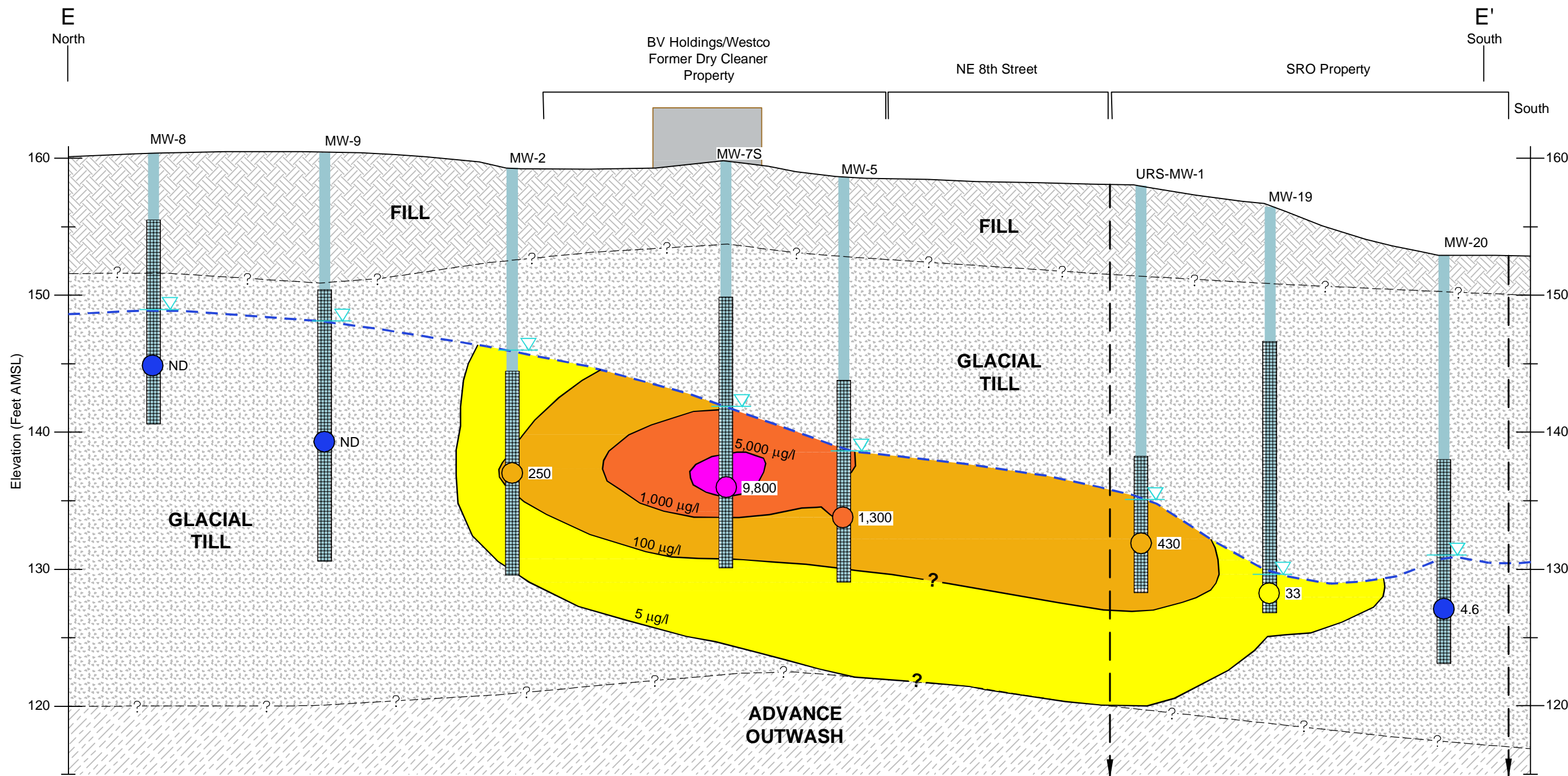
Legend

- + Monitoring Well Location
- Deep Monitoring Well Location
- Approximate Parcel Boundaries
- Approximate PCE Iso-Concentration Contours (µg/L) for August 2010
- Approximate Groundwater Flow Direction in Perched Interval

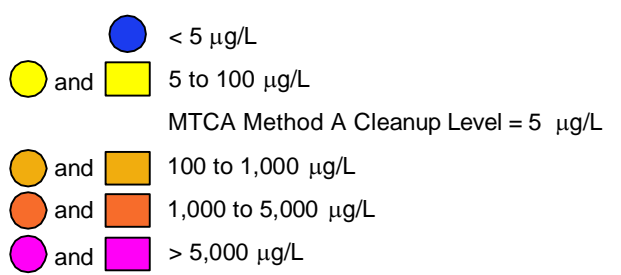


PCE Perched Groundwater Contamination Map (August 2010)	
SRO, 10605 and 10619 NE 8th Street Bellevue, Washington	
GEOENGINEERS	Figure 15

P:\19227004\00\CAD\03_SHEET FILES\RIFS\FIGURE 10_12_13.DWG\TAB\F13 MODIFIED BY TMICHAUD ON MAY 16, 2014 - 11:26

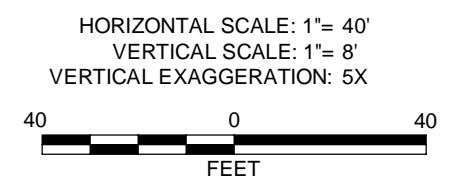


Tetrachloroethene (PCE) Concentrations



Legend

- MW-8** Monitoring Well Location
- 250** PCE Concentration (µg/L) and approximate Groundwater Sampling Depth (data from SES, 2011)
- AMSL** Above Mean Sea Level
- ND** Not Detected
- Perched Water Level
- ▽** Groundwater Elevation (Feet AMSL; August 23, 2010)
- E-E'** Cross-Section Location Shown on Figure 15
- Approximate Limit
- - -** Inferred Geologic Contact
- ↑ ↓** Planned Development Excavation Extent



Notes

- The locations of all features shown are approximate.
- This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Background image provided by URS, dated 2011. Modifications by GeoEngineers.

PCE Perched Groundwater Contamination Cross Section E-E' (August 2010)

SRO, 10605 and 10619 NE 8th Street
Bellevue, Washington

GEOENGINEERS

Figure 16

APPENDIX A
Boring Logs

Sample Descriptions

Classification of soils in this report is based on visual field and laboratory observations which include density/consistency, moisture condition, grain size, and plasticity estimates and should not be construed to imply field or laboratory testing unless stated. Visual-manual classification methods of ASTM D 2488 were used as an identification guide.

SOIL CLASSIFICATION SYSTEM					
MAJOR DIVISIONS			GROUP SYMBOL		GROUP NAME
COARSE GRAINED SOILS More than 50% retained on No. 200 Sieve.	GRAVEL More than 50% of coarse fraction retained on No. 4 sieve.	CLEAN GRAVEL	GW		Well-graded gravel, fine to coarse gravel
			GP		Poorly-graded gravel
		GRAVEL WITH FINES	GM		Silty gravel
			GC		Clayey gravel
	SAND More than 50% of coarse fraction passes No. 4 sieve.	CLEAN SAND	SW		Well-graded sand, fine to coarse sand
			SP		Poorly-graded sand
		SAND WITH FINES	SM		Silty sand
			SC		Clayey sand
FINE GRAINED SOILS More than 50% passes No. 200 sieve.	SILT AND CLAY Liquid limit less than 50.	INORGANIC	ML		Silt
			CL		Clay
		OL		Organic silt, organic clay	
	SILT AND CLAY LIQUID limit 50 or more.	INORGANIC	MH		Silt of high plasticity, elastic silt
			CH		Clay of high plasticity, fat clay
			OH		Organic clay, organic silt
HIGHLY ORGANIC SOILS			PT		Peat

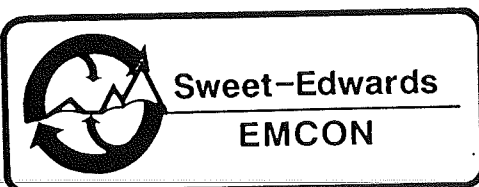
Density/Consistency

Soil density/consistency in borings is related primarily to the Standard Penetration Resistance. Soil density/consistency in test pits is estimated based on visual observation and is presented parenthetically on the test pit logs.

SAND or GRAVEL Density	Standard Penetration Resistance in Blows/Feet	SILT or CLAY Consistency	Standard Penetration Resistance in Blows/Feet
Very loose	0 - 4	Very soft	0 - 2
Loose	4 - 10	Soft	2 - 4
Medium dense	10 - 30	Medium stiff	4 - 8
Dense	30 - 50	Stiff	8 - 15
Very dense	> 50	Very stiff	15 - 30
		Hard	> 30

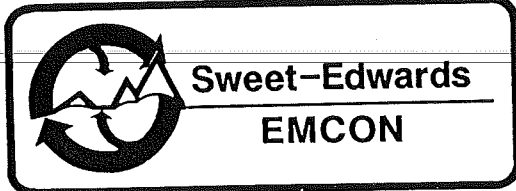
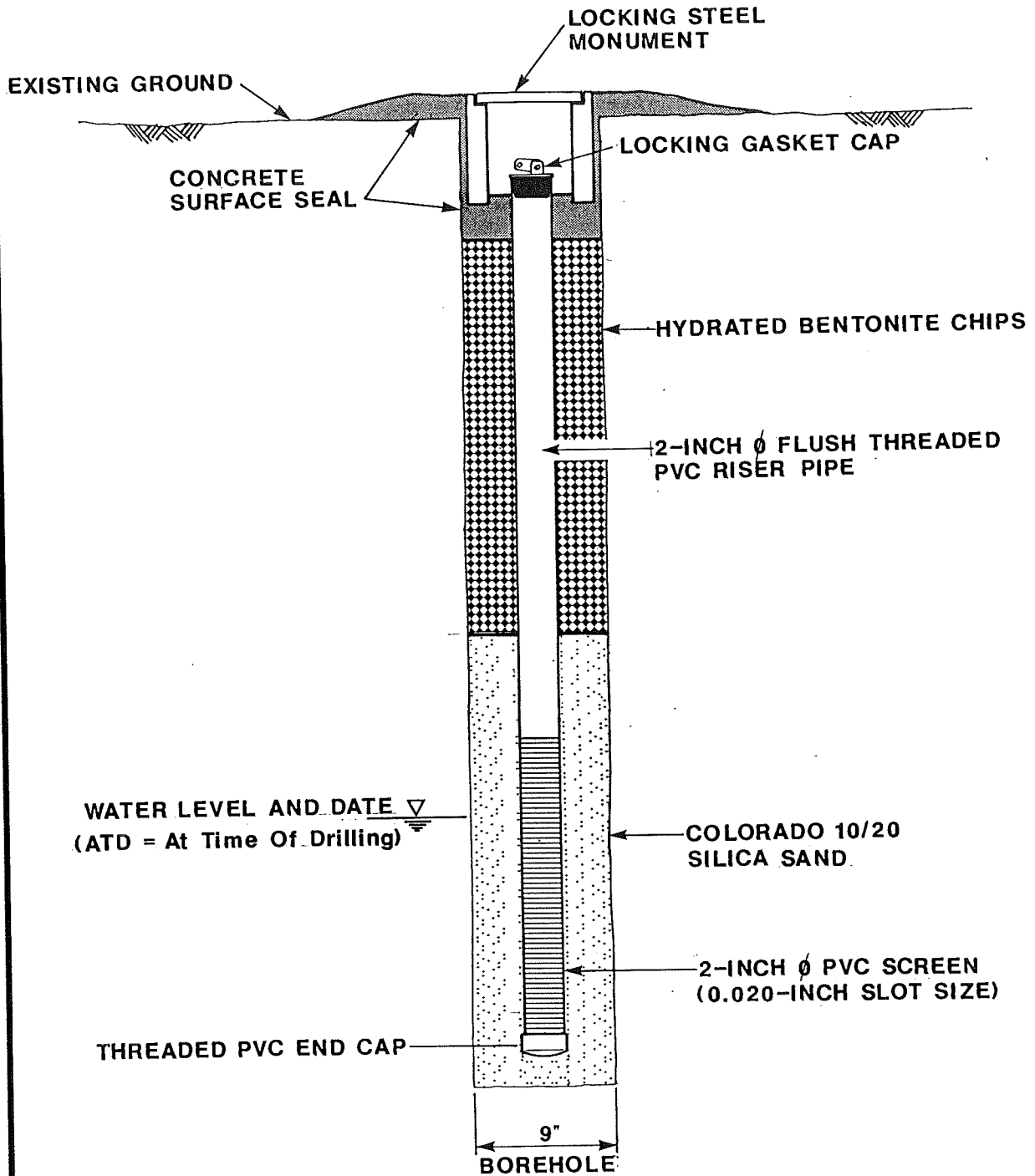
Moisture	
Dry	Little perceptible moisture
Damp	Some perceptible moisture, probably below optimum
Moist	Probably near optimum moisture content
Wet	Much perceptible moisture, probably above optimum

Minor Constituents	Estimated Percentage
Trace	< 5
Few	5 - 10
Little	10 - 25
Some	25 - 45



DATE 8-90
 DWN. JA
 APPR. HWS
 REVIS. _____
 PROJECT NO. U2408.01

Figure A-1
SOIL CLASSIFICATION SYSTEM



DATE 8-90
DWN. JA
APPR. HWS
REVIS. _____
PROJECT NO. U24-08.01

FIGURE A-2
MONITORING WELL
CONSTRUCTION DETAILS

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-1
PAGE 1 OF 2
REFERENCE ELEV. 101.72' (a)
TOTAL DEPTH 27.70'
DATE COMPLETED 7/13/90

SAMPLING METHOD/ NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S1	19	9		0				0 - 0.3 (approximately) feet: ASPHALT. 0.3 - 1.0 feet: SAND with SILT and GRAVEL (SP-SM), brown, few silt, little fine to medium gravel (up to 1-1/2 inch diameter), loose, dense. (FILL)
SS/S2	25	39		5				1.0 - 27.7 feet: SILTY SAND (SM), fine, brown, little silt, trace gravel, (rounded to 1 inch diameter), loose, moist. -- @ 8.5 - 11 feet: orange mottling.
SS/S3	< 1	60		10				
SS/S4	1	50/6		15				-- @ 17.5 - 22.5 feet: orange mottling
				20				

REMARKS

Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS=Split spoon sampler. PID=Photoionization detector, background reading = <1 ppm. (a) Local datum=assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-1
PAGE 2 OF 2
REFERENCE ELEV. 101.72' (a)
TOTAL DEPTH 27.70'
DATE COMPLETED 7/13/90

SAMPLING METHOD/ NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S5	< 1	50/5	▽ 7/31/90	25	[Sample]	[Lithology]	[Well Detail]	SILTY SAND (SM), fine, gray, little silt, trace gravel (up to 1-inch diameter), very dense, damp.
SS/S6	(b)	50/3"		30				Boring terminated at 27.7 feet.
				35				
				40				



REMARKS

Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS=Split spoon sampler. PID=Photoionization detector, background reading = <1 ppm. (a) Local datum = assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-2
PAGE 1 OF 2
REFERENCE ELEV. 101.97' (a)
TOTAL DEPTH 32.70'
DATE COMPLETED 7/13/90

SAMPLING METHOD/NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	LITHO-LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S1	28	17		5			0 - 0.3 (approximately) feet: ASPHALT. 0.3 - 1.0 feet: SAND with SILT and GRAVEL (SP-SM), medium to fine, brown, few silt, little gravel (up to 1-1/2 inch diameter), loose, damp. (FILL)
SS/S2	20	36		10			1.0 - 20.0 feet: SILTY SAND (SM), fine, dark gray-brown, little silt, trace gravel (up to 1-1/2-inch diameter), medium dense, moist, slight petroleum-like odor to approximately 12 feet, grades to gray below 8 feet with orange mottling between 8 and 16 feet.
SS/S3	18	50/4		15			-- @ 12 feet: PID reading in cuttings, 80 ppm.
SS/S4	21	50/6		20			

REMARKS

Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS=Split spoon sampler. PID=Photoionization detector, background reading = <1 ppm. (a) Local datum=assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW- 2
PAGE 2 OF 2
REFERENCE ELEV. 101.97' (a)
TOTAL DEPTH 32.70'
DATE COMPLETED 7/13/90

SAMPLING METHOD/ NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S5	< 1	50/6		25	■			20 - 24 feet: INTERBEDDED SILTY SAND (SM) - SANDY SILT (ML): SILTY SAND, as above, beds to 1/2 inch thick. SANDY SILT, gray, little fine sand, hard, moist to wet, beds to 2 inches thick.
SS/S6	< 1	50/6		30	■			24 - 32.7 feet: SILTY SAND (SM), fine, gray, little silt, trace gravel up to 1-1/2-inch diameter, very dense, moist. -- @ approximately 30 feet: wet cuttings.
SS/S7	(b)	50/3	▽ 7/31/90	35	■			Boring terminated at 32.7 feet.



REMARKS
 Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS=Split spoon sampler. PID=Photoionization detector, background reading= <1 ppm. (a) Local datum=assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-3
PAGE 1 OF 2
REFERENCE ELEV. 99.72' (a)
TOTAL DEPTH 30.40'
DATE COMPLETED 7/12/90

SAMPLING METHOD/ NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S1	22	7		0				0 - 0.3 feet: ASPHALT
				5				0.3 - 13 feet: SILTY SAND (SM), fine, gray, little silt, trace gravel (up to 3/4-inch diameter), loose, moist, petroleum-like odor at 2-1/2 feet. (FILL)
SS/S2	15	3		10				-- @ 7.8 feet: orange mottled layer, some soil discoloration noted. -- slight petroleum-like odor between 8.5 and 13 feet.
SS/S3	5	23		15				13 - 30.4 feet: SILTY SAND (SM), medium to fine, gray, little silt, trace gravel (up to 1-inch diameter), very dense, moist.
SS/S4	< 1	50/4		20				





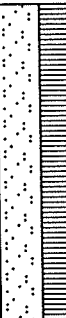

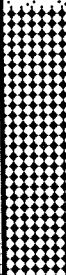
REMARKS

Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS=Split spoon sampler. PID=Photoionization detector, background reading = < 1 ppm. (a) Local datum = assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-3
PAGE 2 OF 2
REFERENCE ELEV. 99.72' (a)
TOTAL DEPTH 30.40'
DATE COMPLETED 7/12/90

SAMPLING METHOD/NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHOLOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S5	< 1	50/6	 7/31/90	25	■			SILTY SAND (SM), medium to fine, gray, little silt, trace gravel (up to 1-inch diameter), very dense, moist. -- becomes wet at 22.0 feet
SS/S6	(b)	50/3		30	■			-- trace orange mottling, becomes moist below 27.5 feet.
SS/S7	< 1	50/3		35	■			Boring terminated at 30.4 feet.
				40				

REMARKS

Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS= Split spoon sampler. PID=Photoionization detector, background reading = < 1 ppm. (a) Local datum = assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-4
PAGE 1 OF 2
REFERENCE ELEV. 98.81' (a)
TOTAL DEPTH 30.30'
DATE COMPLETED 7/13/90

SAMPLING METHOD/NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
				0				0 - 0.3 (approximately) feet: ASPHALT.
SS/S1	156	9		5				0.3 - 7.5 feet: SILTY SAND (SM), medium to fine, brown, little silt, trace gravel (up to 1 inch), loose, moist. (FILL)
SS/S2	169	7		5				
SS/S3	165	50/6		10				-- @ 7.5 feet: iron pipe encountered. 7.5 - 8.0 feet: SILTY SAND (SM), as above, trace wood debris, glass fragments. (FILL)
SS/S4	< 1	61/6		15				8.0 - 30.4 feet: SILTY SAND (SM), medium to fine, gray, little silt, trace gravel (up to 1-inch diameter), very dense, moist.
SS/S5	(b)	50/3		20				-- trace orange mottling at 17.5 to 18.3 feet

REMARKS

Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS=Split spoon sampler. PID=Photoionization detector, background reading = <1 ppm. (a) Local datum = assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-4
PAGE 2 OF 2
REFERENCE ELEV. 98.81' (a)
TOTAL DEPTH 30.30'
DATE COMPLETED 7/13/90

SAMPLING METHOD/NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S6	< 1	50/3	▽ 7/31/90	25	■			SILTY SAND (SM), medium to fine, gray, little silt, trace gravel (up to 1-inch diameter), very dense, moist.
SS/S7	82	50/5		30	■			-- @ 27.5 feet: trace wood debris.
SS/S9	< 1	50/3		35	■			-- becomes wet at 30.0 feet
				40				Boring terminated at 30.4 feet. NOTE: Pipe encountered at 7.5 feet. Boring advanced to 17.5 feet before abandoned with bentonite chips. Moved 2 feet south, advanced new boring to 22.5 feet for first sample.

REMARKS

Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS=Split spoon sampler. PID=Photoionization detector, background reading = <1 ppm. (a) Local datum = assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-5
PAGE 1 OF 2
REFERENCE ELEV. 98.75' (a)
TOTAL DEPTH 32.70'
DATE COMPLETED 7/17/90

SAMPLING METHOD/ NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	LITHO- LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S1	100	8		0			0 - 0.3 (approximately) feet: ASPHALT.
SS/S2	NONE	47		5			0.3 - 1.0 foot: SAND with SILT and GRAVEL (SP-SM), fine to, medium, brown, few silt, little gravel (up to 1-1/2 inch diameter), loose, damp. (FILL)
SS/S3	18	50/5		10			1.0 - 32.7 feet: SILTY SAND (SM), medium to fine, brown, little silt, trace gravel (up to 3/4-inch diameter), loose, moist to wet.
SS/S4	34	50/6		15			-- grades to gray below 10 feet, trace orange mottling
				20			



REMARKS
 Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS=Split spoon sampler. PID=Photoionization detector, background reading = <1 ppm. (a) Local datum = assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY RandR - McGarritt
DRILL METHOD See below
LOGGED BY Jeff Kirtland

BORING NO. MW-5
PAGE 2 OF 2
REFERENCE ELEV. 98.75' (a)
TOTAL DEPTH 32.70'
DATE COMPLETED 7/17/90

SAMPLING METHOD/ NUMBER	PID in ppm	BLOW COUNTS	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
SS/S5	9	50/5		25	■			SILTY SAND (SM), medium to fine, brown, trace orange mottling, little silt, trace gravel (up to 3/4-inch diameter), very dense, moist to wet.
SS/S6	(b)	50/3		30	■			
SS/S7	(b)	50/4		35	■			
				40				Boring terminated at 32.7 feet.



REMARKS

Drilled with Gus Peck GP1000R, 4-inch I.D. hollow stem auger, standard penetration test. Flush mount security casing, locking pentagonal tamper-proof bolts. SS= Split spoon sampler. PID=Photoionization detector, background reading= <1 ppm. (a) Local datum= assumed to be 100 feet at fire hydrant on the southwest corner of the site. (b) Insufficient sample volume.

Sample Descriptions

Classification of soils in this report is based on visual field observations which include density/consistency, moisture condition, grain size, and plasticity estimates and should not be construed to imply field or laboratory testing unless stated. Visual-manual classification methods of ASTM D 2488 were used as an identification guide. Soil density/consistency in borings is related primarily to the Standard Penetration Resistance. Soil density/consistency in test pits is estimated based on visual observation and is presented parenthetically on the test pit logs.

SOIL CLASSIFICATION SYSTEM					
MAJOR DIVISIONS			GROUP SYMBOL	GROUP NAME	
COARSE GRAINED SOILS More than 50% retained on No. 200 Sieve.	GRAVEL More than 50% of coarse fraction retained on No. 4 sieve.	CLEAN GRAVEL	GW		Well-graded gravel, fine to coarse gravel
			GP		Poorly-graded gravel
		GRAVEL WITH FINES	GM		Silty gravel
			GC		Clayey gravel
	SAND More than 50% of coarse fraction passes No. 4 sieve.	CLEAN SAND	SW		Well-graded sand, fine to coarse sand
			SP		Poorly-graded sand
		SAND WITH FINES	SM		Silty sand
			SC		Clayey sand
FINE GRAINED SOILS More than 50% passes No. 200 sieve.	SILT AND CLAY Liquid limit less than 50.	INORGANIC	ML		Silt
			CL		Clay
	SILT AND CLAY Liquid limit 50 or more.	INORGANIC	MH		Silt of high plasticity, elastic silt
			CH		Clay of high plasticity, fat clay
		ORGANIC	OL		Organic silt, organic clay
			OH		Organic clay, organic silt
HIGHLY ORGANIC SOILS			PT		Peat

DENSITY/CONSISTENCY			
SAND or GRAVEL		SILT or CLAY	
Density	Standard Penetration Resistance in Blows/Foot	Consistency	Standard Penetration Resistance in Blows/Foot
Very loose	0 - 4	Very soft	0 - 2
Loose	4 - 10	Soft	2 - 4
Medium dense	10 - 30	Medium stiff	4 - 8
Dense	30 - 50	Stiff	8 - 15
Very dense	> 50	Very stiff	15 - 30
		Hard	> 30

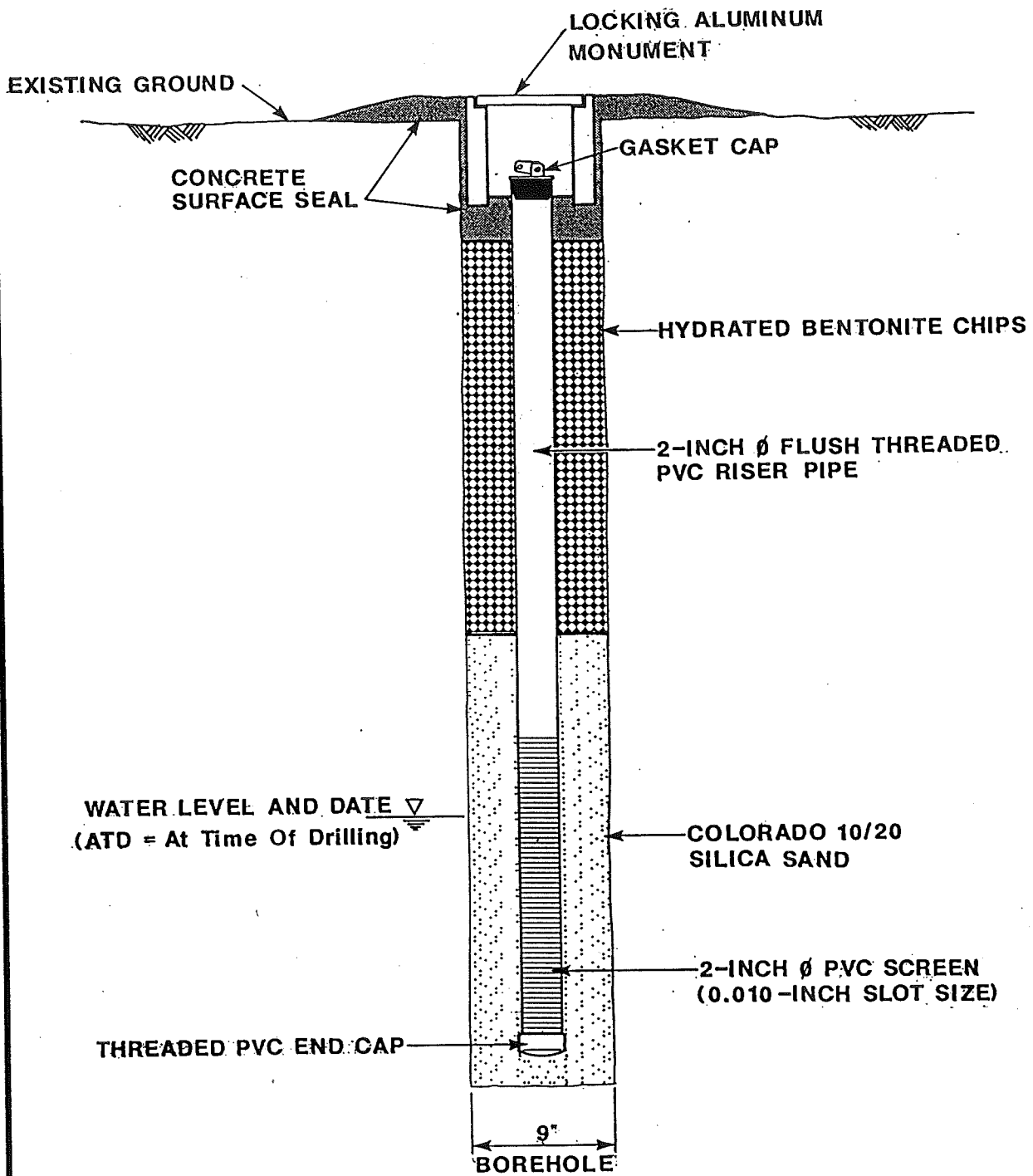
MOISTURE	
Modifier	Description
Dry	Little perceptible moisture
Damp	Some perceptible moisture, probably below optimum
Moist	Probably near optimum moisture content
Wet	Much perceptible moisture, probably above optimum

MINOR CONSTITUENTS	
Modifier	Estimated Percentage
Trace	< 5
Few	5 - 10
Little	10 - 25
Some	25 - 45



DATE 3-91
 DWN. TB
 APPR. _____
 REVIS. _____
 PROJECT NO. 1.00

Figure C-1
 SOIL CLASSIFICATION SYSTEM



DATE 3-91
DWN. JA
APPR. _____
REVIS. _____
PROJECT NO. 100

Figure C-2
**GENERALIZED
WELL INSTALLATION DETAIL**

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW-6
 PAGE 1 OF 3
 REFERENCE ELEV. (a)
 TOTAL DEPTH 37.90'
 DATE COMPLETED 08/26/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
DM/MW -6-2.5	31	6		0			0 - 3.0 feet: SAND with SILT and GRAVEL (SW-SM), brown, with orange mottles, few silt, fine to medium, trace coarse, some gravel (crushed), trace debris, loose, damp, slight hydrocarbon-like odor. (FILL)
		14					3.0 - 6.0 feet: SAND with SILT and GRAVEL (SW-SM), gray, trace to few silt, fine to medium, little to some gravel (variable), trace debris, medium dense, damp, slightly hydrocarbon-like odor. (FILL)
DM/MW -6-7.5	143	15		5			6.0 - 16.0 feet: SILTY SAND with GRAVEL (SM), brown, little silt, fine to medium, trace coarse, some gravel (rounded), medium dense, moist, slight hydrocarbon-like odor, coarse. (FILL)
		5					@ 12.5 feet: as above; brown to gray, odorless.
DM/MW -6-12.5	39	8		10			16.0 - 20.0 feet: SAND with GRAVEL (SW), brown to gray, trace silt, fine to medium, trace coarse, few to little fine gravel (rounded), very dense, damp to moist, odorless with lenses of silty sand with gravel (SM), brown to gray, some silt, fine to medium sand, few to little gravel (rounded), moist, no odor, lenses are 4 inches apart.
		21					
DM/MW -6-17.5	5	12		15			
		20					
		13		20			
		27					
		50/6"					

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW- 6
 PAGE 2 OF 3
 REFERENCE ELEV. (a)
 TOTAL DEPTH 37.90'
 DATE COMPLETED 08/26/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
DM/MW -6-22.5	2.4	27 50/6"		25	Z		20.0 - 31.0 feet: SILTY SAND (SM) , olive gray with orange mottles, some silt, fine to medium, few gravel (rounded), very dense, damp to moist, laminated beds.
DM/MW -6-32.5	NR			30			31.0 - 35.0 feet: SAND with GRAVEL (SW) , gray to brown, trace to few silt, fine to coarse, some gravel (rounded), very dense, wet. (ALLUVIUM) @ 32.5 feet: sampler driven on a rock.
DM/MW -6-33.5	1.2	50/5"		35	Z		35.0 - 37.9 feet: SILTY SAND with GRAVEL (SM) , olive gray, some silt, fine to medium, trace coarse, some gravel (rounded), very dense, moist, odorless. (ALLUVIUM)
DM/MW -6-37.5	0	50/5"		40	Z		Depth drilled to 37.5 feet below ground surface. Depth sampled to 37.9 feet below ground surface.

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY Geoboring & Develop.
DRILL METHOD H.S. Auger
LOGGED BY Jeff Kirtland

BORING NO. MW- 6
PAGE 3 OF 3
REFERENCE ELEV. (a)
TOTAL DEPTH 37.90'
DATE COMPLETED 08/26/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">45</div> <div style="margin-bottom: 10px;">50</div> <div style="margin-bottom: 10px;">55</div> <div style="margin-bottom: 10px;">60</div> </div>			<p>Well Abandonment Details 0 - 37.9 feet: bentonite-cement grout.</p>



REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY Geoboring & Develop.
DRILL METHOD H.S. Auger
LOGGED BY Jeff Kirtland

BORING NO. MW-7
PAGE 1 OF 2
REFERENCE ELEV. (a)
TOTAL DEPTH 28.10'
DATE COMPLETED 08/26/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
				0			0 - 17.0 feet: NATIVE FILL. (FILL)
				5			Note: Boring advanced through 17.0 feet of previously excavated material. First sample taken at 17.5 feet below ground surface.
				10			
				15			
DM/MW -7-17.5	8.4	50/5"		17.0			17.0 - 28.1 feet: SILTY SAND with GRAVEL (SM) , olive brown, some silt, fine to medium, trace coarse, little gravel (rounded), very dense, moist, odorless. (WEATHERED TILL)
				20			

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization detector; background-reading 1-ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY Geoboring & Develop.
DRILL METHOD H.S. Auger
LOGGED BY Jeff Kirtland

BORING NO. MW-7
PAGE 2 OF 2
REFERENCE ELEV. (a)
TOTAL DEPTH 28.10'
DATE COMPLETED 08/26/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
DM/MW -7-22.5	2.1	50/5"		25	Z		@ 20 feet: hard drilling due to granules. @ 22.5 feet: as above; silt content varies to some silt in lenses.
DM/MW -7-27.5	3.2	41 50/2"		30	Z		@ 27.5 feet: as above; olive green. Depth drilled to 27.5 feet below ground surface. Depth sampled to 28.1 feet below ground surface. Abandonment Details 0 - 28.1 feet: bentonite chips.
				35			
				40			

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization-detector, background-reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY Geoboring & Develop.
DRILL METHOD H.S. Auger
LOGGED BY Jeff Kirtland

BORING NO. MW- 8
PAGE 1 OF 2
REFERENCE ELEV. (a)
TOTAL DEPTH 28.30'
DATE COMPLETED 08/26/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
				5			0 - 17.0 feet: NATIVE FILL. (FILL) Note: Boring advanced through 17.0 feet of previously excavated material. First sample taken at 17.5 feet below ground surface.
DM/MW -8-17.5	998	30 50/3"		10			
				15			
				20			----- 17.0- 28.3 feet: SAND with SILT and GRAVEL (SW-SM), olive gray, few to little silt, fine to medium, little to some gravel (rounded, weathered), very dense, moist, noticable hydrocarbon-like odor.(WEATHERED TILL)



REMARKS
 (1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization-detector, background-reading-1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW-8
 PAGE 2 OF 2
 REFERENCE ELEV. (a)
 TOTAL DEPTH 28.30'
 DATE COMPLETED 08/26/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
DM/MW -8-22.5	NR						@ 22.5 feet: sampler driven on a rock, no recovery (boring advanced to 23.5 feet for sample).
DM/MW -8-23.5	5.6	21 50/4"		25	Z Z		@ 23.5 feet: as above; odorless.
DM/MW -8-27.5	0.4	28/50/4"		30			@ 27.5 feet: as above; olive brown.
				35			Depth drilled to 27.5 feet below ground surface. Depth sampled to 28.3 feet below ground surface.
				40			Abandonment Details 0 - 28.3 feet: bentonite chips.

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW- 9
 PAGE 1 OF 1
 REFERENCE ELEV. (a)
 TOTAL DEPTH 14.00'
 DATE COMPLETED 08/27/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
DM/MW -9-2.5	248	3 3 5		5	1 2 3 4 5	1 2 3 4 5	0 - 6.0 feet: SILTY SAND with GRAVEL (SM), brown with orange mottles, few to little silt, fine to coarse, little to some gravel (rounded and crushed), trace debris, trace organic material, loose, moist, noticeable hydrocarbon-like odor. (FILL)
DM/MW -9-7.5	8.4	4 4 9		10	6 7 8 9 10	6 7 8 9 10	6.0 - 14.0 feet: SILTY SAND with GRAVEL (SM), gray with orange mottles, some silt, fine to medium, trace coarse, few to little gravel (rounded, weathered). Medium dense, moist, slight odor (unknown). (WEATHERED TILL)
DM/MW -9-12.5	2.4	16 26 34		15	11 12 13 14 15	11 12 13 14 15	Depth drilled to 12.5 feet below ground surface. Depth sampled to 14.0 feet below ground surface.
				20			Well Abandonment Details 0 - 14.0 feet: bentonite chips.

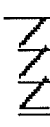


REMARKS
 (1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300-lb. hammer-free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY Geoboring & Develop.
DRILL METHOD H.S. Auger
LOGGED BY Jeff Kirtland

BORING NO. MW-10
PAGE 1 OF 2
REFERENCE ELEV. (a)
TOTAL DEPTH 23.30'
DATE COMPLETED 08/27/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
				5 10 15 20		0 - 17.5 feet: NATIVE FILL. (FILL)	<p>0 - 17.5 feet: NATIVE FILL. (FILL)</p> <p>Note: Boring advanced through 17.0 feet of previously excavated material. First sample taken at 17.5 feet below ground surface.</p>
DM/MW -10-17.5	203	19 36 50/5"		20		<div style="border-top: 1px dashed black; background-color: #cccccc; text-align: center;">17.0 - 20.0 feet: SILTY SAND with GRAVEL (SM), bluish gray with yellow orange mottles, little silt, fine to medium, little gravel (rounded), very dense, moist, slight hydrocarbon-like odor, sample was discolored.</div>	



REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
LOCATION Bellevue, Washington
DRILLED BY Geoboring & Develop.
DRILL METHOD H.S. Auger
LOGGED BY Jeff Kirtland

BORING NO. MW-10
PAGE 2 OF 2
REFERENCE ELEV. (a)
TOTAL DEPTH 23.30'
DATE COMPLETED 08/27/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
DM/MW -10-22.5	2.4	40 50/4"				20.0 - 23.3 feet: SILTY SAND with GRAVEL (SM), brown, trace to some silt, (variable in beds), fine to medium, little gravel (rounded), very dense, moist, odorless, "siltier" beds have laminated bedding. (ALLUVIUM) Depth drilled to 22.5 feet below ground surface. Depth sampled to 23.3 feet below ground surface.	

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300-lb. hammer free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW-11
 PAGE 1 OF 2
 REFERENCE ELEV. (a)
 TOTAL DEPTH 28.20'
 DATE COMPLETED 08/27/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
DM/MW-11-2.5	3.2	4 4 4		0 5			0 - 12.0 feet: SILTY SAND (SM) , bluish gray, little silt, fine to medium, few to little gravel (rounded) loose, slight hydrocarbon-like odor, sample discolored. (FILL)
DM/MW-11-7.5	73	3 4 4		5 10			@ 8.0 feet: as above; noticable hydrocarbon-like odor.
DM/MW-11-12.5	1159	26 35 50/6"		10 15 20			12.0 - 15.0 feet: SILTY SAND (SM) , olive gray, few to some silt (variable in 1-inch lenses), fine to medium, trace coarse, little gravel (rounded), very dense, damp, very noticable hydrocarbon-like odor. (WEATHERED TILL) 15.0 - 23.0 feet: INTERBEDDED: SAND with GRAVEL (SP) , sandy silt (ML), beds 2-inch-thick. (ALLUVIUM) SAND with GRAVEL (SP) , gray, trace silt, fine to medium (well sorted), few gravel (rounded), very dense, damp, very noticable hydrocarbon-like odor.



REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.

LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW-11
 PAGE 2 OF 2
 REFERENCE ELEV. (a)
 TOTAL DEPTH 28.20'
 DATE COMPLETED 08/27/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
DM/MW -11-22.5	12.4	27 50/4"		25	Z	Z	@ 22.5 feet: as above; brown, sand with gravel beds 1-inch-thick, sandy silt beds, 2 to 3 inches thick, odorless.
					Z	Z	@ 23.0 feet: wet cutting return. 23.0 - 28.3 feet: SILTY SAND with GRAVEL (SM) , olive brown, little to some silt, few coarse, some gravel (rounded), very dense, odorless, moist. (ALLUVIUM)
DM/MW -11-27.5	12.5	40 50/3"		30	Z	Z	Depth drilled to 27.5 feet below ground surface. Depth sampled to 28.2 feet below ground surface.
				35			
				40			

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames & Moore split barrel samples driven with a 300 lb. hammer free falling 30-inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW-12
 PAGE 1 OF 3
 REFERENCE ELEV. (a)
 TOTAL DEPTH 40.30'
 DATE COMPLETED 08/30/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	LITHO-LOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
				5	5		0 - 0.45 feet: ASPHALT. (AS)
				4			0.45 - 2.5 feet: SAND with GRAVEL (SW), brown, trace silt, fine to coarse, fine gravel (crushed), loose, damp, odorless. (FILL)
DM/MW -12-2.5	2.4	5		5			2.5 - 6.5 feet: SAND with GRAVEL (SW), gray with orange mottles, trace to few silt, fine to medium, trace coarse, some fine gravel (rounded), loose, damp, odorless. (WEATHERED TILL)
				3			6.5 - 8.0 feet: SANDY CLAY (CL), yellow brown with red brown mottles in streaks, plastic fine, little silt, trace fine to coarse sand, trace gravel (very weathered, rounded), trace organic debris, stiff, damp, odorless. (WEATHERED TILL)
DM/MW -12-7.5	1.6	1		6			9.0 - 20.0 feet: SAND with SILT and GRAVEL (SW-SM), gray, few silt, fine to coarse, some fine to coarse gravel (weathered, rounded), medium dense, moist, odorless. (WEATHERED TILL)
				10			
				9			
DM/MW -12-12.5	1.2	9		10			
				13			
				15			
				17.5			@ 17.5 feet: as above; brown.
DM/MW -12-17.5	2.4	31		50/6"			
				20			

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames and Moore split barrel samples driven with a 300 lb. hammer free falling 30- inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW-12
 PAGE 2 OF 3
 REFERENCE ELEV. (a)
 TOTAL DEPTH 40.30'
 DATE COMPLETED 08/30/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHOLOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
DM/MW-12-22.5	0.5	36 50/6"		25				20.0 - 39.0 feet: SILTY SAND with GRAVEL (SM), olive brown, orange mottles, little silt, fine to coarse, some fine to coarse gravel (weathered, rounded), very dense, damp, odorless. (WEATHERED TILL)
DM/MW-12-27.5	0.4	50/6"		30				@ 27.5 feet: as above; olive gray, silt, variable to some, granules rounded and fractured.
DM/MW-12-32.5	1.2	50/6"		35				@ 32.0 feet: as above; olive brown with orange mottles, wet.
DM/MW-12-37.5	0.4	50/3"		40				39.0 - 40.3 feet: SM-SP, blue gray, few silt, fine, trace coarse, little gravel (rounded and

REMARKS


(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames and Moore split barrel samples driven with a 300-lb. hammer free falling 30- inches. (2) PID = Photoionization detector, background reading 1 ppm = < 11 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



LOG OF EXPLORATORY BORING

PROJECT NAME UNOCAL 4511
 LOCATION Bellevue, Washington
 DRILLED BY Geoboring & Develop.
 DRILL METHOD H.S. Auger
 LOGGED BY Jeff Kirtland

BORING NO. MW-12
 PAGE 3 OF 3
 REFERENCE ELEV. (a)
 TOTAL DEPTH 40.30'
 DATE COMPLETED 08/30/91

SAMPLING METHOD AND NUMBER	PID (in ppm)	BLOWS PER FOOT	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHOLOGIC COLUMN	WELL DETAILS	LITHOLOGIC DESCRIPTION
DM/MW -12-40	1.2	50/4"		<div style="text-align: center; margin-bottom: 20px;">  </div> <div style="display: flex; justify-content: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; width: 50px; height: 100px; position: relative;"> <!-- Depth markers --> <div style="position: absolute; top: 0; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 10%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 20%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 30%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 40%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 50%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 60%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 70%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 80%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 90%; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; bottom: 0; width: 100%; border-bottom: 1px solid black;"> </div> <div style="position: absolute; top: 40%; width: 30%; left: 0; font-size: 12px;">45</div> <div style="position: absolute; top: 55%; width: 30%; left: 0; font-size: 12px;">50</div> <div style="position: absolute; top: 70%; width: 30%; left: 0; font-size: 12px;">55</div> <div style="position: absolute; top: 85%; width: 30%; left: 0; font-size: 12px;">60</div> </div> </div>	<p>fractured), very dense, moist, odorless. (TILL) @ 40.0 feet: auger refusal. Depth drilled to 40.0 feet below ground surface. Depth sampled to 40.3 feet below ground surface.</p> <p>Well Completion Details 0 - 14.69 feet: 2-inch-diameter schedule 40 PVC riser. 14.69 - 39.69 feet: 2-inch-diameter schedule 40 PVC screen with 0.010-inch machine cut slots. 39.69 - 40.25 feet: 2-inch-diameter schedule 40 PVC tapered threaded end plug.</p> <p>0 - 2.0 feet: concrete. 2.0 - 8.0 feet: bentonite-cement grout. 8.0 - 11.4 feet: bentonite chips. 11.4 - 40.3 feet: 10 x 20 Colorado Silica Sand.</p>			

REMARKS

(1) Drilled with a Mobile Drill B-61, 4-inch ID hollow stem auger. DM = Dames and Moore split barrel samples driven with a 300 lb. hammer free falling 30- inches. (2) PID = Photoionization detector, background reading 1 ppm = < 1 1 ppm. (3) Boring abandoned with bentonite-cement grout. (a) Soil boring elevation not surveyed.



Project: Cental Puget Sound Regional Transit Authority
 Project Location: 10605 NE 8th Street, Bellevue, WA
 Project Number: 54-09900024.12

Log of Boring URSSB-OP1

Sheet 1 of 1

Date(s) Drilled	3/11/00	Logged By	J. Rapp	Checked By	G. Davis
Drilling Method	Geoprobe	Drilling Contractor	TEG	Total Depth Drilled (feet)	23.0
Drill Rig Type	truck mounted	Sampler Type	Split Spoon	Surface Elevation	145 feet (MSL)
Groundwater Level	20	Hammer Weight and Drop	NA	Top of PVC Elevation	NA
Diameter of Hole (inches)	2"	Diameter of Well (inches)	NA	Screen Perforation	NA
Type of Sand Pack	NA	Type and Depth of Seal(s)	NA		
Comments: boring backfilled with bentonite chips					

Elevation, feet	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	Well Completion Log	PID scan (ppmv)	Drilling Rate (Time, 24-hour clock)	REMARKS
		Type	Number	Blows per 6-inch Interval	Percent Recovery					
0						asphalt surface Gravelly Silty SAND (SP-SM) - moist, brown, no odor, no sheen				
5					100%	Gravelly SAND (SP) - moist, medium dense, brown/tan, mottled, sub-rounded to sub-angular gravel, no odor, no sheen		0	0820	
10						same as above - gray, dense				
15					100%			0	0900	
20					NA			0	0920	water encountered at approximately 19' bgs screen set at 20' - 23' bgs
25										

URS Greiner Woodward Clyde

Project: Cental Puget Sound Regional Transit Authority
Project Location: 10605 NE 8th Street, Bellevue, WA
Project Number: 54-09900024.12

Log of Boring URSSB-OP2

Sheet 1 of 1

Date(s) Drilled	3/11/00	Logged By	J. Rapp	Checked By	G. Davis
Drilling Method	Geoprobe	Drilling Contractor	TEG	Total Depth Drilled (feet)	13.0
Drill Rig Type	truck mounted	Sampler Type	Split Spoon	Surface Elevation	145 feet (MSL)
Groundwater Level	13	Hammer Weight and Drop	NA	Top of PVC Elevation	
Diameter of Hole (inches)	2"	Diameter of Well (inches)	NA	Type of Well Casing	NA
Type of Sand Pack	NA	Type and Depth of Seal(s)	NA	Screen Perforation	NA
Comments	boring backfilled with bentonite chips				

Elevation, feet	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	Well Completion Log	PID scan (ppmv)	Drilling Rate (Time, 24-hour clock)	REMARKS
		Type	Number	Blows per 6-inch Interval	Percent Recovery					
0						Silty Sandy GRAVEL (GP) - dry, reddish-brown, no odor, no sheen				
					100%			0	0950	
5						Gravelly SAND (SP) - moist, medium dense, brown, large angular gravel, no odor, no sheen				
					100%			0	1010	
10										
15										water encountered @ approximately 13' bgs
20										

Report ENV_23A; Project File: C:\PROGRA~1\GINT\PROJECTS\OPTIMER.GPJ; Data Template\WC_CORP1.GDT Printat: 4/12/00

Project: Cental Puget Sound Regional Transit Authority
Project Location: 10605 NE 8th Street, Bellevue, WA
Project Number: 54-09900024.12

Log of Boring URSSB-OP3

Sheet 1 of 1

Date(s) Drilled	3/11/00	Logged By	J. Rapp	Checked By	G. Davis
Drilling Method	Geoprobe	Drilling Contractor	TEG	Total Depth Drilled (feet)	23.0
Drill Rig Type	truck mounted	Sampler Type	Split Spoon	Surface Elevation	145 feet (MSL)
Groundwater Level	20	Hammer Weight and Drop	NA	Top of PVC Elevation	
Diameter of Hole (Inches)	2"	Diameter of Well (Inches)	NA	Type of Well Casing	NA
Type of Sand Pack	NA	Type and Depth of Seal(s)	NA	Screen Perforation	NA
Comments boring backfilled with bentonite chips					

Elevation, feet	Depth, feet	SAMPLES			Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	PID scan (ppmv)	Drilling Rate (Time, 24-hour clock)	REMARKS
		Type	Number	Blows per 6-inch Interval						
0					asphalt surface					
					Silty Sandy GRAVEL (GP) - moist, red, mottled, no odor, no sheen					
	5			100%			0	1030		
	10				Gravelly SAND (SP) - moist, brown/gray, sub-rounded to sub-angular gravel, no odor, no sheen					
	15			100%	same as above - no odor, no sheen		0	1100		
	20			NA	same as above - no odor, no sheen		0	1110		water encountered @ approximately 19' bgs
	25									duplicate water sample collected (OP10-W) @ 1700

URS Greiner Woodward Clyde

Project: Cental Puget Sound Regional Transit Authority
Project Location: 10605 NE 8th Street, Bellevue, WA
Project Number: 54-09900024.12

Log of Boring URSSB-OP4

Sheet 1 of 1

Date(s) Drilled	3/11/00	Logged By	J. Rapp	Checked By	G. Davis
Drilling Method	Geoprobe	Drilling Contractor	TEG	Total Depth Drilled (feet)	12.0
Drill Rig Type	truck mounted	Sampler Type	Split Spoon	Surface Elevation	145 feet (MSL)
Groundwater Level	not encountered	Hammer Weight and Drop	NA	Top of PVC Elevation	
Diameter of Hole (inches)	2"	Diameter of Well (inches)	NA	Type of Well Casing	NA
Type of Sand Pack	NA	Type and Depth of Seal(s)	NA	Screen Perforation	NA
Comments	boring backfilled with bentonite chips				

Elevation, feet	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	Well Completion Log	PID scan (ppmv)	Drilling Rate (Time, 24-hour clock)	REMARKS
		Type	Number	Blows per 6-inch Interval	Percent Recovery					
0						Sandy GRAVEL (GP) - moist, brown-gray, no odor, no sheen				
5					100%	same as above - no odor, no sheen	0	1130		
10										refusal @ 12' bgs, no water encountered
15										
20										

Report: ENV_23A; Project File: C:\PROGRAM-1\GINT\PROJECTS\OPTIMER\GP-1; Data Template: WC_CORP1.GDT Printed: 4/12/00

Project: Cental Puget Sound Regional Transit Authority
Project Location: 10605 NE 8th Street, Bellevue, WA
Project Number: 54-09900024.12

Log of Boring URSSB-OP5

Sheet 1 of 1

Date(s) Drilled	3/11/00	Logged By	J. Rapp	Checked By	G. Davis
Drilling Method	Geoprobe	Drilling Contractor	TEG	Total Depth Drilled (feet)	15.0
Drill Rig Type	truck mounted	Sampler Type	Split Spoon	Surface Elevation	145 feet (MSL)
Groundwater Level	not encountered	Hammer Weight and Drop	NA	Top of PVC Elevation	
Diameter of Hole (inches)	2"	Diameter of Well (inches)	NA	Type of Well Casing	NA
Type of Sand Pack	NA	Type and Depth of Seal(s)	NA	Screen Perforation	NA
Comments boring backfilled with bentonite chips					

Elevation, feet	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	Well Completion Log	PID scan (ppmv)	Drilling Rate (Time, 24-hour clock)	REMARKS
		Type	Number	Blows per 6-inch Interval	Percent Recovery					
0						Sandy GRAVEL (GP) - moist, brown, mottled, no odor, no sheen				
5										
10					100%	SAND (SP) - moist, trace gravel, brown, no odor, no sheen		0	1230	
15										refusal @ 15' bgs, no water encountered
20										

URS Greiner Woodward Clyde

Date(s) Drilled: 3/11/00	Logged By: J. Rapp	Checked By: G. Davis
Drilling Method: Geoprobe	Drilling Contractor: TEG	Total Depth Drilled (feet): 25.0
Drill Rig Type: truck mounted	Sampler Type: Split Spoon	Surface Elevation: 145 feet (MSL)
Groundwater Level: not encountered	Hammer Weight and Drop: NA	Top of PVC Elevation:
Diameter of Hole (inches): 2"	Diameter of Well (inches): NA	Type of Well Casing: NA
Type of Sand Pack: NA	Type and Depth of Seal(s): NA	Screen Perforation: NA
Comments: boring backfilled with bentonite chips		

Elevation, feet	Depth, feet	SAMPLES			Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	PID scan (ppmv)	Drilling Rate (Time, 24-hour clock)	REMARKS
		Type	Number	Blows per 6-inch Interval						
0					asphalt surface					
					Silty Sandy GRAVEL (GP-GM) - dry, mottled, no odor, no sheen					
	5			100%	Gravelly SAND (SP) - moist, brown, mottled, some gravel, no odor, no sheen		0	1320		
	10				same as above - dense, no odor, no sheen					
	15				same as above - no odor, no sheen					
	20			100%	same as above - very dense, no odor, no sheen		0	1400		
	25								screen placed @ 21' - 25'; insufficient water to sample; unable to advance probe further	
	30									

Report: ENV_23A; Project File: C:\PROGRA-1\GINT\PROJECTS\OPTIMER.GPJ; Data Template: WC_CORP1.GDT Printed: 4/12/00

Project: Cental Puget Sound Regional Transit Authority
Project Location: 10605 NE 8th Street, Bellevue, WA
Project Number: 54-09900024.12

Log of Boring URSSB-OP7

Sheet 1 of 1

Date(s) Drilled	3/11/00	Logged By	J. Rapp	Checked By	G. Davis
Drilling Method	Geoprobe	Drilling Contractor	TEG	Total Depth Drilled (feet)	16.0
Drill Rig Type	truck mounted	Sampler Type	Split Spoon	Surface Elevation	145 feet (MSL)
Groundwater Level	not encountered	Hammer Weight and Drop	NA	Top of PVC Elevation	
Diameter of Hole (inches)	2"	Diameter of Well (inches)	NA	Type of Well Casing	NA
Type of Sand Pack	NA	Type and Depth of Seal(s)	NA	Screen Perforation	NA
Comments boring backfilled with bentonite chips					

Elevation, feet	Depth, feet	SAMPLES				Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	PID scan (ppmv)	Drilling Rate (Time, 24-hour clock)	REMARKS
		Type	Number	Blows per 6-inch Interval	Percent Recovery						
0						asphalt surface					
						Silty Sandy GRAVEL (GP) - red/brown, dry, no odor, no sheen					
	5				100%			0		1440	
						Gravelly SAND (SP) - moist, brown, dense, trace gravel, s. >-rounded to sub-angular gravel, no odor, no sheen					
	10										
	15				100%		same as above - very dense, no odor, no sheen		0	1505	
											refusal @ 16' bgs; no water encountered
20											

URS Greiner Woodward Clyde

Project: Cental Puget Sound Regional Transit Authority
Project Location: 10605 NE 8th Street, Bellevue, WA
Project Number: 54-09900024.12

Log of Boring URSSB-OP8

Sheet 1 of 1

Date(s) Drilled	3/11/00	Logged By	J. Rapp	Checked By	G. Davis
Drilling Method	Geoprobe	Drilling Contractor	TEG	Total Depth Drilled (feet)	20.0
Drill Rig Type	truck mounted	Sampler Type	Split Spoon	Surface Elevation	145 feet (MSL)
Groundwater Level	no encountered	Hammer Weight and Drop	NA	Top of PVC Elevation	
Diameter of Hole (inches)	2"	Diameter of Well (inches)	NA	Type of Well Casing	NA
Type of Sand Pack	NA	Type and Depth of Seal(s)	NA	Screen Perforation	NA
Comments	boring backfilled with bentonite chips				

Elevation, feet	Depth, feet	SAMPLES			Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	PID scan (ppmv)	Drilling Rate (Time 24-hour clock)	REMARKS
		Type	Number	Blows per 6-inch Interval						
0						Sandy GRAVEL (GP) - dry, reddish-brown, no odor, no sheen				
5					100%	Gravelly SAND (SP) - moist, gray, mottled, no odor, no sheen	0	1530		
						same as above - dense, no odor, no sheen				
10						same as above - no odor, no sheen				
15					100%	same as above - very dense, no odor, no sheen	0	1550		
20										refusal @ 20' bgs, no water encountered
25										

Report: ENV_23A; Project File: C:\PROGRAMS\1GINTW\PROJECTS\OPTIMER\GP2; Data Template: WC_COFRF1.LGDT Printed: 4/12/00

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Key to Log of Boring and Descriptive Terms for Soil

Unified Soil Classification System (ASTM D2487 & D2488)

Major Divisions		Symbols		Typical Descriptions	
		Graph	Letter		
Coarse Grained Soils More than 50% of No. 200 Sieve Size	Gravels More than 50% of Coarse Fraction Retained in No. 4 Sieve	Clean Gravels (less than 5% fines)		GW Well-Graded Gravels, Gravel-Sand Mixtures, Little or no Fines	
		Gravels with Fines (more than 12% fines)		GP Poorly-Graded Gravels, Gravel-Sand Mixtures, Little or no Fines	
				GM Silty Gravels, Gravel-Sand-Silt Mixtures	
				GC Clayey Gravels, Gravel-Sand-Clay Mixtures	
	Sands More than 50% of Coarse Fraction Passing through No. 4 Sieve	Clean Sand (less than 5% fines)		SW Well-Graded Sands, Gravelly Sands, Little or no Fines	
				SP Poorly Graded Sands, Gravelly Sands, Little or no Fines	
		Sands with Fines (more than 12% fines)		SM Silty Sands, Sand-Clay Mixtures	
				SC Clayey Sands, Sand-Clay Mixtures	
		Fine Grained Soils More than 50% of Material is Smaller than No. 200 Sieve Size	Silt and Clays Liquid Limit Less than 50%		ML Inorganic Silts and very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
					CL Inorganic Clays of Low to Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
	OL Organic Silts and Organic Silty Clays of Low Plasticity				
Silt and Clays Liquid Limit Greater than 50%			MH Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Soils		
			CH Inorganic Clays of High Plasticity, Fat Clays		
		OH Organic Clays of Medium to High Plasticity, Organic Silts			
Highly Organic Soils			PT Peat, Humus, Swamp Soils with High Organic Contents (see ASTM D4427-92)		

Abbreviations

SA	Sieve Analysis
M	Moisture
DD	Dry Density
AL	Atterberg Limits
HA	Hydrometer Analysis
C	Consolidation
Pc	Constant Head Permeability
Pf	Falling Head Permeability
DS	Direct Shear
TX	Triaxial
TV	Torvane Shear
LV	Laboratory Vane Shear
PP	Pocket Penetrometer
OVA	Organic Vapor Analyzer
OC	Organic Content
Bkgd	Background
ID	Inner Diameter
Ft	Feet
Bgs	Below Ground Surface
AMSL	Above Mean Sea Level
NAVD 88	North American Vertical Datum of 1988

Relative Density or Consistency

Coarse-Grained Soils		Fine-Grained Soils	
Relative Density	N, SPT Blows / ft	Relative Consistency	N, SPT Blows / ft
Very loose sand	0 - 4	Very soft	< 2
Loose	4 - 10	Soft	2 - 4
Medium dense	10 - 30	Medium stiff	4 - 8
Dense	30 - 50	Stiff	8 - 15
Very dense	Over 50	Very stiff	15 - 30
		Hard	Over 30

Sampler Symbols

	3" O.D. Split Spoon Sample with brass rings		3" O.D. Shelby Tube Sample
	Core		Piston Sample
	Non-standard penetration test		Grab Sample
	3" O.D. D&M with 300 lb in-hole hammer		

Minor Descriptors

Trace	0 - 5%
Slightly (clayey, silty, sandy, gravelly)	5 - 12%
Clayey, silty, sandy, gravelly	12 - 30%
Very (clayey, silty, sandy, gravelly)	30 - 50%

Moisture Content

Dry	Absence of moisture, dusty
Moist	Damp but no visible water
Wet	Visible free water, from below the water table

Typical Well Graphic Symbols

	One pipe in bentonite pellets		One slotted pipe in filter pack
	One pipe in filter pack		Bentonite Seal

NOTES:

- Descriptions and stratum lines are interpretive; field descriptions may have been modified to reflect lab test results. Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced; they are not warranted to be representative of subsurface conditions at other locations or times.
- Dual Symbols are used to indicate borderline soil classifications

ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/12

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-9</h2> <p style="margin: 0;">Sheet 1 of 4</p>
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Date(s) Drilled: 10-10-11	Logged By: AP/DR	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 85 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 77	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)						
0								Drilled to 50 feet bgs, no sampling			
5											
10											
15											
20											
25											




ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-9

Sheet 2 of 4

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type Number	Blows/6in.	Recovery (%)	OVM (ppm)				
25									
30									
35									
40									
45									
50		1	50 for 5"			SM	Brown/gray, silty fine SAND with trace gravel, moist, no odor		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D.J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-9

Sheet 3 of 4

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55	2	50 for 5"					Grading less silt		
60	3	50 for 6"							
65	4	50 for 6"							
70	5	50 for 6"					Grading increasing silt, moisture		
75	6	18 22 25 N=47					Grading gray, silty fine SAND, wet	77 ft ▼	
80	7	20 21 20 N=41							



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761152 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-9
 Sheet 4 of 4

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)				
	85					[Patterned Box]			
	90								
	95								
	100								
	105								
	110								

Boring completed to 85 feet bgs.
 Groundwater encountered at 77 feet bgs.
 Temporary well screen (0.10-inch PVC slotted) from 75-85 feet bgs.
 Water sample was very turbid, used bailer to collect (no odor).
 Borehole backfilled with bentonite (Cetco medium chips).



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEO\TECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/11

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-10</h2> <p style="margin: 0;">Sheet 1 of 3</p>
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Date(s) Drilled: 10-11-11	Logged By: AP	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 76.5 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 65	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)						
0								Drilled to 50 feet bgs, no sampling			
5											
10											
15											
20											
25											



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761152 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-10
 Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)				
25									
30									
35									
40									
45									
50		1	50 for 6"			SP	Gray, fine SAND with trace silt, gravelly, moist		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-10

Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55	2	50 for 5"			[Stippled Pattern]				
60	3	50 for 5"			[Stippled Pattern]				
65	4	22 50 for 6"			[Vertical Lines]	SM	Gray, silty fine SAND, wet	65 ft ▼	
70	5	15 50 for 6"			[Stippled Pattern]	SP	Gray, fine SAND with trace silt, wet		
75	6	18 18 20 N=38			[Stippled Pattern]				
80							Boring completed to 76.5 feet bgs. Groundwater encountered at 65 feet bgs. Boring backfilled with bentonite (Cetco medium chips).		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/12

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-11</h2> <p style="margin: 0;">Sheet 1 of 3</p>
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Date(s) Drilled: 10-12-11	Logged By: AP	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 81.5 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 70	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)						
0								Drilled to 35 feet bgs, no sampling			
5											
10											
15											
20											
25											



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D.J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-11
 Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
25									
35	35	1	50 for 5"			SP	Brown, fine SAND with trace silt and gravel, moist		
40	40	2	50 for 5"						
45	45	3	50 for 5"			SM	Gray, sandy SILT with gravel, fine sand, dry		
50	50	4	50 for 4"				Grading gray, silty fine SAND with gravel, moist		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-11

Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55	5	50 for 5"			SP	SP	Brown, fine SAND, clean, moist		
60	6	26 30 35 N=65			ML/ SM	ML/ SM	Gray, SILT with trace fine sand, dry		
65	7	19 20 24 N=44			SM	SM	Gray, silty fine SAND, very moist		
70	8	19 26 35 N=61					Grading wet	70 ft ▼	
75	9	15 19 27 N=46			SP	SP	Gray, fine SAND with trace silt, wet		
80	10	18 21 35 N=56							
Boring completed to 81.5 feet bgs. Groundwater encountered at 70 feet bgs. Boring completed as a permanent monitoring well.									



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEO\TECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/11

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-11 (URSMW-8)
 Sheet 1 of 3

Date(s) Drilled	10-12-11	Logged By	AP	Checked By	DRR
Drilling Method	Hollow-Stem Auger	Drilling Contractor	Cascade Drilling	Total Depth of Borehole	81.5 feet
Drill Rig Type	CME 85	Drill Bit Size/Type	8.25 inch	Ground Surface Elevation	AMSL NAVD 88
Groundwater Level	70	Sampling Method	D&M	Hammer Data	300-lb in-hole
Borehole Backfill	Monitoring Well	Location			

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)						
0								Drilled to 35 feet bgs, no sampling		Concrete Bentonite chips	
5											
10											
15											
20											
25											



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-11 (URSMW-8)
 Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
25									
35	35	1	50 for 5"			SP	Brown, fine SAND with trace silt and gravel, moist		
40	40	2	50 for 5"						
45	45	3	50 for 5"			SM	Gray, sandy SILT with gravel, fine sand, dry		
50	50	4	50 for 4"				Grading gray, silty fine SAND with gravel, moist		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-11 (URSMW-8)

Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55	5	50 for 5"				SP	Brown, fine SAND, clean, moist		
60	6	26 30 35 N=65				ML/ SM	Gray, SILT with trace fine sand, dry		
65	7	19 20 24 N=44				SM	Gray, silty fine SAND, very moist		
70	8	19 26 35 N=61					Grading wet	70 ft ▼ -2" ID, 0.020" - slotted screen	
75	9	15 19 27 N=46				SP	Gray, fine SAND with trace silt, wet		
80	10	18 21 35 N=56						-2/12 Sand	
Boring completed to 81.5 feet bgs. Groundwater encountered at 70 feet bgs. Boring completed as a permanent monitoring well (URS-MW8). Screen interval 70-80 ft bgs									



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/12

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-12</h2> <p style="margin: 0;">Sheet 1 of 3</p>
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Date(s) Drilled: 10-12-11	Logged By: AP	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 75.5 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 75	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)						
0								Drilled to 35 feet bgs, no sampling			
5											
10											
15											
20											
25											



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761152 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-12

Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type Number	Blows/6in.	Recovery (%)	OVM (ppm)				
25									
35	▼	1	50 for 4"			SP	Brown, fine SAND with trace silt and gravel, moist		
40	▼	2	50 for 6"			SP/ GP	Brown, fine SAND with gravel, wet	40 ft ▼	
45	▼	3	50 for 6"						
50	▼	4	50 for 5"				No recovery, rock in SPT		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D.J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-12
 Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55	55	5	50 for 4"			SM	Brown, silty fine to coarse SAND with gravel, wet		
60	60	6	50 for 6"			SP	Brown, fine SAND, clean, moist		
65	65	7	28 50 for 6"				Grading fine SAND, trace silt, moist		
70	70	8	28 32 36 N=68			ML	Gray, SILT with trace fine sand, dry		
75	75	9	38 50 for 6"			SP	Gray, fine SAND, clean, wet	75 ft. ▼	
							Boring completed to 75.5 feet bgs. Groundwater encountered at ~40 feet bgs and ~75 feet bgs. Boring backfilled with bentonite (Cetco medium chips).		
80	80								



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/11

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-13</h2> <p style="margin: 0;">Sheet 1 of 3</p>
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Date(s) Drilled: 10-13-11	Logged By: AP	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 75.5 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 70	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)						
0								Drilled to 35 feet bgs, no sampling			
5											
10											
15											
20											
25											



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D.J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-13

Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type Number	Blows/6in.	Recovery (%)	OVM (ppm)				
25									
35	35	1	50 for 6"			SP	Brown/gray, fine SAND, moist		
40	40	2	50 for 6"				Grading brown, fine SAND with trace gravel, moist		
45	45	3	50 for 4"				Grading brown, gravelly fine SAND with trace silt, moist		
50	50	4	50 for 3"				No recovery, rock in SPT		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-13

Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
	55	5	50 for 3"					No recovery, rock in SPT	
	60	6	50 for 6"				SM	Brown, silty fine SAND, moist	
	65	7	22 50 for 6"				ML	Brown, SILT with trace fine sand, moist	
	70	8	18 50 for 6"				SP	Gray, fine SAND, clean, wet	70 ft ▼
	75	9	50 for 6"					Grading brown, fine SAND, clean, wet	
	80							Boring completed to 75.5 feet bgs. Groundwater encountered at 70 feet bgs. Boring backfilled with bentonite (Cetco medium chips).	



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/12

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-14</h2> <p style="margin: 0;">Sheet 1 of 3</p>
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Date(s) Drilled: 10-11-11	Logged By: AP	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 76.5 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 70	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)						
0								Drilled to 35 feet bgs, no sampling			
5											
10											
15											
20											
25											



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761152 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D.J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-14

Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type Number	Blows/6in.	Recovery (%)	OVM (ppm)				
25									
35	35	1	50 for 6"			SP	Brown\gray, fine SAND with trace silt, gravel, moist		
40	40	2	50 for 5"				Grading brown/gray, fine SAND with trace silt, less gravel, moist		
45	45	3	50 for 6"						
50	50	4	50 for 5"						



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D.J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-14
 Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55	5	50 for 5"				SM	Gray, silty fine SAND with trace gravel, moist		
60	6	50 for 6"							
65	7	50 for 6"					Grading increasing, moist		
70	8	20 22 25 N=47					Grading wet	70 ft ▼	
75	9	10 30 23 N=53					Boring completed to 76.5 feet bgs. Groundwater encountered at 70 feet bgs. Boring backfilled with bentonite (Cetco medium chips).		
80									



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/12

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-15</h2> <p style="margin: 0;">Sheet 1 of 3</p>
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Date(s) Drilled: 10-10-11	Logged By: AP	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 80 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 75	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)						
0								Drilled to 35 feet bgs, no sampling			
5											
10											
15											
20											
25											



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761152 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-15

Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type Number	Blows/ 6in.	Recovery (%)	OVM (ppm)				
25									
35	▲	1	50 for 6"			SP	Gray/brown, fine SAND with trace silt and gravel, moist		
40	▲	2	50 for 5"				Grading decreasing silt		
45	▲	3	50 for 5"						
50	▲	4	50 for 6"			SM	Gray, silty fine SAND with trace gravel, dry		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D.J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-15

Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55	55	5	50 for 6"			[Stippled Pattern]		Grading decreasing silt	
60	60	6	50 for 6"			[Stippled Pattern]			
65	65	7	50 for 6"			[Stippled Pattern]	SP	Gray, fine SAND with trace silt, moist	
70	70	8	20 23 22 for 12"			[Stippled Pattern]	SM	Gray, silty fine SAND, moist	
75	75	9	22 23 24 N=47			[Stippled Pattern]			75 ft. ▼
80	80							Boring completed to 80 feet bgs. Temporary well screen installed from 70-80 feet bgs. Groundwater sample collected using bailer, sample very turbid (no odor). Boring backfilled with bentonite (Cetco medium chips).	



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/12

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-17</h2> <p style="margin: 0;">Sheet 1 of 3</p>
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Date(s) Drilled: 11-15-11	Logged By: AP	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 75.5 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 75	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type	Number	Blows/ 6in.	Recovery (%)	OVM (ppm)					
0								Drilled to 30 feet bgs, no sampling			
5											
10											
15											
20											
25											



Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-17
 Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type Number	Blows/6in.	Recovery (%)	OVM (ppm)				
25									
40		1	50 for 4"			SP	Medium brown, fine SAND with gravel, trace silt, moist		
45		2	50 for 4"			SP/GP	*Driller indicates very difficult drilling. Gravel surfacing in cuttings.		
50							No recovery		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-17
 Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55			3	50 for 2"			No recovery		
60			4	50 for 0"			No recovery Driller indicates easier drilling, out of gravel		
65			5	50 for 6"		SP			
70			6	50 for 6"		ML	Light gray SILT with trace fine SAND, reddish/brown/orange oxidation, moist		
75			7	50 for 6"		SP	Light brown, fine SAND, clean, wet	75 ft ▼	
							Boring completed to 75.5 feet bgs. Groundwater encountered at 75 feet bgs. Boring backfilled with bentonite (Cetco medium chips).		
80									



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEO\TECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSS3.D\J.GLB_URSS3A3.GDT 1/13/11

Project: SRO Bellevue Corner Property Project Location: 10605/10610 NE 8th St. Bellevue, WA Project Number: 33763233	<h2 style="margin: 0;">Log of Boring SB-21</h2> <p style="margin: 0;">Sheet 1 of 3</p>
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Date(s) Drilled: 11-17-11	Logged By: AP	Checked By: DRR
Drilling Method: Hollow-Stem Auger	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 80.5 feet
Drill Rig Type: CME 85	Drill Bit Size/Type: 8.25 inch	Ground Surface Elevation: AMSL NAVD 88
Groundwater Level: 75	Sampling Method: D&M	Hammer Data: 300-lb in-hole
Borehole Backfill: Bentonite ChipsBentonite ChipsBentonite ChipsBentonite Chips	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES					Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type	Number	Blows/ 6in.	Recovery (%)	OVM (ppm)					
0								Drilled to 30 feet bgs, no sampling			
5											
10											
15											
20											
25											



ENV2 WITH WELL T:\STERLING REALTY ORGANIZATION\33761152 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D\J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-21
 Sheet 2 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
25									
30	30	1	50 for 6"			SM	Light brown, Silty fine SAND, moist		
35	35	2	50 for 6"				Grading light brown, silty fine SAND with gravel, moist		
40	40	3	50 for 6"						
45	45	4	50 for 6"						
50	50	5	50 for 3"			ML	Medium gray, SILT with gravel, dry		



ENV2 WITH WELL T:STERLING REALTY ORGANIZATION\33761162 BELLEVUE CORNER PROPERTY\LITIGATION SUPPORT\2011 DATA GAP INVESTIGATION\GEOTECHNICAL INVESTIGATION\BELLEVUE CORNER.GPJ_URSSEA3_D.J.GLB_URSSEA3.GDT 1/13/12

Project: SRO Bellevue Corner Property
Project Location: 10605/10610 NE 8th St. Bellevue, WA
Project Number: 33763233

Log of Boring SB-21
 Sheet 3 of 3

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)				
55	6			50 for 0"			GP	Driller indicates difficult drilling gravel layer. No recovery	
	7			50 for 0"				No recovery	
	8			50 for 0"				No recovery	
	9			50 for 0"				No recovery	
60	10			50 for 0" 50 for 3"			SP/ GP	Medium brown, fine SAND with gravel, trace silt, moist	
	11			50 for 0"				No recovery	
65	12			50 for 2"			ML	Bottom of gravel Medium gray, SILT, trace fine sand, moist	
	13			50 for 6"					
70	14			50 for 6"			SM	Medium gray, silty fine SAND, moist	
	15			50 for 6"				Grading wet	75 ft. ▼
75	16			50 for 6"					
80								Boring completed to 8.5 feet bgs Groundwater encountered at 75 feet bgs. Boring backfilled with bentonite (Cetco medium chips)	



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-MW-1

Sheet 1 of 1

Date(s) Drilled: 8/25/08	Logged By: JW	Checked By:
Drilling Method: HSA	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 30 feet bgs
Drill Rig Type:	Drill Bit Size/Type: 8"	Ground Surface Elevation: 158.27 feet MSL
Groundwater Level: 21 ft bgs	Sampling Method: Split Spoon - D&M	Hammer Data:
Borehole Backfill:	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)					
0							SM	Surface: Asphalt Brown silty SAND with gravel, pea gravel, some wood debris (slightly damp) (fill)		Time: 0732
								No odor, no stain		0733
	5							Grading some gray sand		0741
								Grading gray with rust brown coarse SAND (dry)		0744
-150	10						SP	Gray SAND, angular gravel (dry) (no odor, no stain)		0753
								Grading coarse gravel/cobble pieces		0757
	15	MW-1-15	36	50/6"	100	6.1	SM	Light gray brown silty SAND with some gravel, mixed pea gravel (damp) (no odor, no stain) (fill)		0800
										0808
-140	20							Grading wet		0811
								Grading silty SAND with gravel, rounded gravel/cobble to 1" diameter (dense) (wet) (no odor)		0816
	25									0820
		MW-1-27.5	50/6"	100	8.4					0822
-130	30							Boring was completed to 30' bgs. Groundwater was encountered at 21' bgs. Monitoring well installed on 8/25/08 as follows: Screen: 20-slot 2" Sch 40 PVC 20'-30' bgs Riser: 0'-20' bgs Sand pack: 2/12 sand 18'-30' bgs Bentonite chips: 2'-18' bgs Surface completion: 6" flush mount set in concrete		0824
	35									

ENV2 WITH WELL T:\NEWORLD\33761152 SRO PROPERTY\33761152.GPJ URS\SEA\3 G.LB. URS\SEA\3 GDT 8/17/08



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-MW-2

Sheet 1 of 1

Date(s) Drilled: 8/27/08	Logged By: JW	Checked By:
Drilling Method: HSA	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 30 feet bgs
Drill Rig Type:	Drill Bit Size/Type: 8"	Ground Surface Elevation: 160.59 feet MSL
Groundwater Level: ~25 ft bgs	Sampling Method: Split Spoon - D&M	Hammer Data:
Borehole Backfill:	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)					
160	0						SW	Surface: Asphalt Brown gravelly SAND with pea gravel (loose) (no odor) (fill)		Time: 0737
	4			100	3.5					0741
	5									
	10									
	5			100	9.8			Grading some coarse gravel		0744
	28									
	30									
	35									
	27			100	4.3					0747
	30									
	30						SP	Pale brown fine SAND with some silt (dense) (dry) (no odor)		
150	10			100	6.4					0750
	27									
	30									
	38									
	50/6"			100	4.6		SM	Gray brown silty medium to fine SAND (dense) (dry)		0752
15	15	MW-2-15		50/6"	100	5.8				0756
	50/6"			100	3.9		SP	Light gray-brown fine SAND (dense) (damp) (no odor)		0759
20	20			50/6"	100	4.3				0804
	37			100	4.2			Grading increasing gravel		0807
	50/6"									
25	25			100	5.8			Grading lenses of fine sand (wet)		0810
	29									
	50/6"									
	35	MW-2-27.5		75	2.3		SM	Gray-brown silty SAND (dense) (wet)		0813
	50/6"									
30	30			0				Boring was completed to 30' bgs. Groundwater was encountered at 25' bgs. Monitoring well installed on 8/27/08 as follows: Screen: 20-slot 2" Sch 40 PVC 20'-30' bgs Riser: 0'-20' bgs Sand pack: 2/12 sand 18'-30' bgs Bentonite chips: 2'-18' bgs Surface completion: 6" flush mount set in concrete		0817
	50/6"									
35	35									

MW2 WITH WELL T:\ONEWORLDC\33761152-SRO-PROPERTY\030761152.GPJ_URSSCA38.GLB_URSSCA38.GLB_URSSCA38.GOT_9/17/08



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-MW-3

Sheet 1 of 1

Date(s) Drilled: 8/26/08	Logged By: JW	Checked By:
Drilling Method: HSA	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 30 feet bgs
Drill Rig Type:	Drill Bit Size/Type: 8"	Ground Surface Elevation: 154.30 feet MSL
Groundwater Level: -27 ft bgs	Sampling Method: Split Spoon - D&M	Hammer Data:
Borehole Backfill:	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	Well Completion Schematic	REMARKS AND WELL DETAILS
		Type	Number	Blows/6in.	Recovery (%)					
0							SM	Surface: Asphalt and gravel Brown silty SAND with organics (dry) (no odor) (fill)		Time: 0906
	3		67	3.6						0908
	4		67	7.7				Grading decreasing organics		0913
	16		83	17.9			SP	Light gray-brown medium to coarse SAND with some gravel (dense) (dry) (no odor) (fill)		0915
	21		100	10.9						0919
	25		75	1.6			SM	Light gray-brown silty SAND (dense) (dry) (no odor)		0926
	26		83	3.6			SP	Light gray-brown gravelly SAND interbedded with some silt (dense) (dry) (no odor)		0930
	30		100	6.6			SM	Light gray-brown silty SAND with some gravel (dense) (dry) (no odor)		0932
	32		100	2.6			SP	Medium gray-brown gravelly SAND with pea gravel (damp) (no odor)		0937
	37		100	1.1				Grading coarser sand		1008
	41		100	0.5			SM	Medium gray-brown silty SAND with interbedded silt (damp) (no odor)		1012
	28		100	0.3				Grading wet, dense		1016
	30		100	1.4				Boring was completed to 30' bgs. Groundwater was encountered at 27' bgs. Monitoring well installed on 8/26/08 as follows: Screen: 20-slot 2" Sch 40 PVC 20'-30' bgs Riser: 0'-20' bgs Sand pack: 2/12 sand 18'-30' bgs Bentonite chips: 2'-18' bgs Surface completion: 6" flush mount set in concrete		1021
	35									

ENW2 WITH WELL T:\ONEWORLD\33761152 SRD PROPERTY\33761152.GPJ URSSEA3B.GLB URSSEA3.GDT 8/17/08

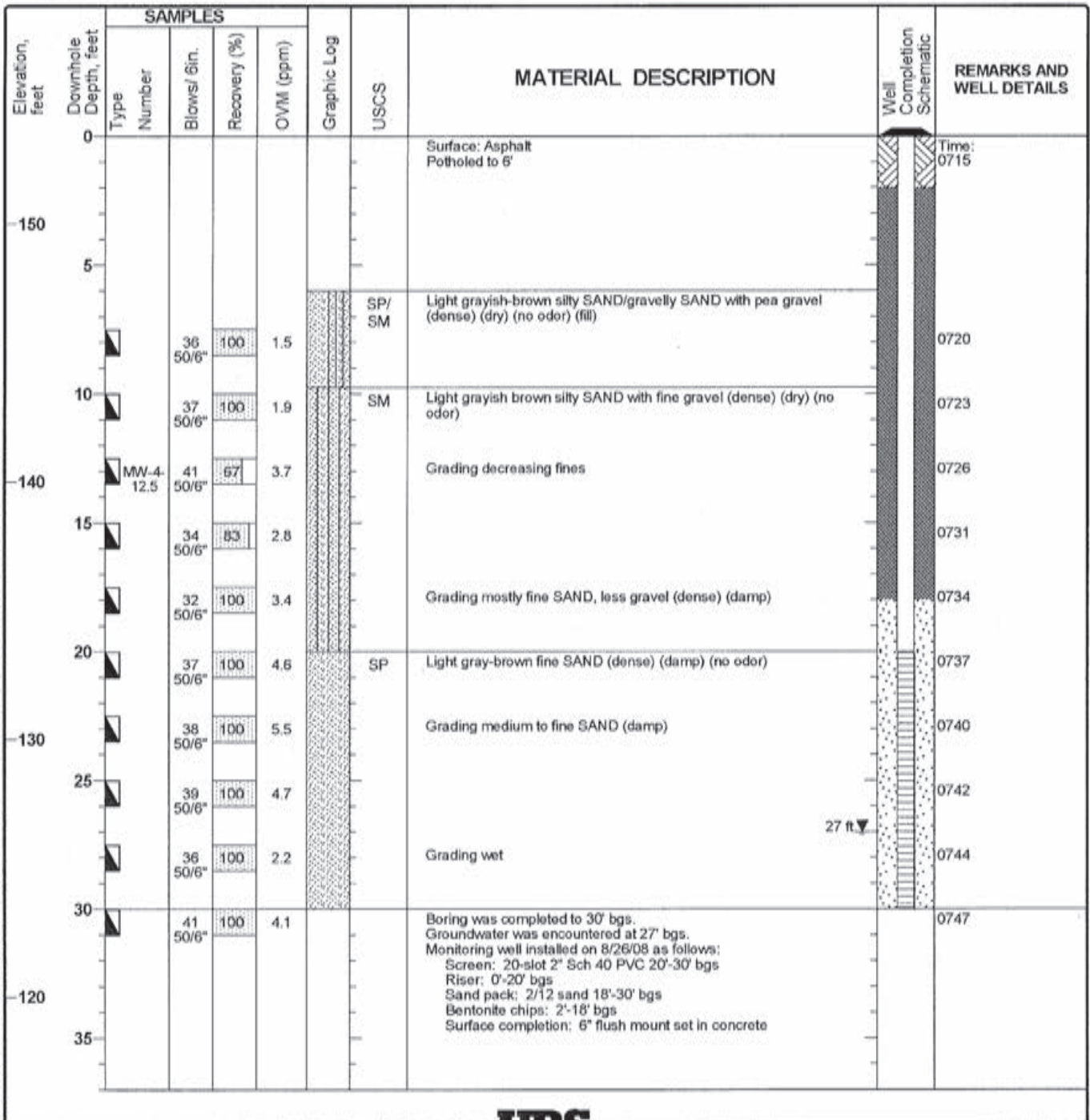


Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-MW-4

Sheet 1 of 1

Date(s) Drilled	8/26/08	Logged By	JW	Checked By	
Drilling Method	HSA	Drilling Contractor	Cascade Drilling	Total Depth of Borehole	30 feet bgs
Drill Rig Type		Drill Bit Size/Type	8"	Ground Surface Elevation	153.41 feet MSL
Groundwater Level	~27 ft bgs	Sampling Method	Split Spoon - D&M	Hammer Data	
Borehole Backfill		Location			



E:\W2 WITH WELL T:\ONEWORLDD\33761152 SRO PROJECT\TY\33761152.GPJ_URSS\33761152.GLB_URSS\33761152.GDT_8/17/08



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-SB-1

Sheet 1 of 2

Date(s) Drilled	8/25/08	Logged By	JW	Checked By	
Drilling Method	HSA	Drilling Contractor	Cascade Drilling	Total Depth of Borehole	75 feet bgs
Drill Rig Type		Drill Bit Size/Type	8"	Ground Surface Elevation	ft MSL
Groundwater Level (feet bgs)	35 ft and 75 ft bgs	Sampling Method	Split Spoon - D&M	Hammer Data	
Borehole Backfill		Location			

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type	Number	Blows/ 6in.	Recovery (%)				
0							SM	Surface: Asphalt Gray-brown silty SAND with some organics (loose) (dry) (fill)	Time: 0935
	5			5	89	5.2			0940
	4								
5				8	89	2.2		Grading 6" of woody debris (denser)	0944
	20								
	28								
	23				67	2.8		Grading light gray-brown	0946
	24								
	25								
10		SB-1-10		31	83	4.7	SP	Light gray-brown SAND (dense) (dry)	0948
	50/6"								
	50/6"				100	2.5	SM	Light gray brown silty SAND, cobble fragments (no odor)	0952
15				31	83	2.0	SP	Light gray brown medium to fine SAND (dry) (no odor)	0955
	50/6"								
	21				100	2.1			0958
	28								
	33								
20				32	75	1.0			1000
	50/6"								
	38				100	1.5		Grading light gray brown interbedded sands, some silt (dry)	1003
	50/6"								
25				44	75	1.7			1007
	50/6"								
	44				100	1.8		Grading damp	1009
	50/6"								
30		SB-1-30		42	100	1.7		Grading increasing moisture	1011
	50/6"								
	50/6"				100	3.0			1014
	50/6"								
35				50/6"	100	1.2	SP	Light brown-gray gravelly SAND with large cobble fragments (dense) (wet)	1017

ENV2 WFO WELL T:\X\MWORLD\33761152 SRD PROPERTY\33761152.GPJ_URSSEA3.GLB_URSSEA3.GDT 9/17/08



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-SB-1

Sheet 2 of 2

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type	Number	Blows/ 6in.	Recovery (%)				
	40	50/6"		100	1.8		Grading interbedded sand and gravel	1019	
	40	50/6"		67	0.0	SP/SM	Gray-brown silty SAND with fine gravel (damp) (no odor)	1023	
	45	50/6"		100	0.4		Grading interbedded sand and cobbles (no odor)	1026	
	45	50/6"	SB-1-45	100	2.6	SM	Medium gray silty SAND (dense) (dry) (no odor)	1039	
	50	50/6"		100	3.1			1042	
	50	43 50/6"		75	1.5			1045	
	55	38 50/6"		75	2.2			1048	
	55	50/6"		100	2.2		Grading silty medium to fine SAND (dense) (dry) (no odor)	1051	
	60	50/6"		100	1.3			1054	
	60	50/6"		67	0.9			1058	
	65	50/6"		100	1.7	SP	Gray medium to fine SAND (homogenous) (dense) (damp) (no odor)	1100	
	65	50/6"		100	1.3			1103	
	70	42 50/6"		100	1.6			1106	
	70	31 50/6"		100	2.5			1110	
	75	27 35 40		100	2.9			1112	
	75	35 50/6"	SB-1-75	50	2.3		Grading wet at very bottom of interval Boring was completed to 75' bgs. Groundwater was encountered at 35' and 75' bgs. Boring was backfilled with bentonite.	1115	
	80								

ENVZ WMO WELL T:\0\NEWORL\033761152_SRO_PROPERTY\03761152.GPJ URSSCA3B.GLB URSSCA3.GDT 8/17/08



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-SB-2

Sheet 1 of 1

Date(s) Drilled	8/25/08	Logged By	JW	Checked By	
Drilling Method	HSA	Drilling Contractor	Cascade Drilling	Total Depth of Borehole	30 feet bgs
Drill Rig Type		Drill Bit Size/Type	8"	Ground Surface Elevation	ft MSL
Groundwater Level (feet bgs)	-23 ft bgs	Sampling Method	Split Spoon - D&M	Hammer Data	
Borehole Backfill		Location			

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type	Number	Blows/ 6in.	Recovery (%)				
0							SP	Surface: Asphalt with gravel cover Gray and brown SAND (no odor) (fill)	Time: 1308
	5			5	100	48.7			1310
	4			5					
5				3	100	2.9		Grading some wood debris	1314
	3			4					
	5			9	100	9.2	SM	Gray-brown silty SAND, rust colored in part (slightly damp) (no odor) (till)	1316
	23			5					
10		SB-2-10		16	87	10.5		Grading homogenous, denser (dry)	1318
	26			30					
	18			23	100	4.3	SP	Light gray-brown SAND, interbedded sand with gravel (no odor)	1323
	23			27					
15				23	87	1.9			1327
	38			23					
	43			50/6"	83	3.6		Grading interbedded gravel (damp) (no odor)	1329
20				28	50	2.4	SM	Brown silty SAND (damp) (no odor)	1332
	50/6"								
	34			50/6"	100	1.3	SP	Brown SAND (wet)	23 ft ▼ 1335
25				38	100	2.9		Grading increasing gravel	1338
	50/6"								
	42	SB-2-27.5		50/6"	100	15.8	SM	Brown silty SAND (dense) (no odor)	1348
30				43	100	2.4		Grading increasing gravel Boring was completed to 30' bgs. Groundwater was encountered at 23' bgs. Boring was backfilled with bentonite.	1350
	50/6"								
35									

ENV2 WGD WELL T:\NEWORLD\33761152_SRO_PROPERTY\33761152_CPL\URSSSA36.GLB_URSSSA3.GDT_9/17/08



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-SB-3

Sheet 1 of 1

Date(s) Drilled 8/26/08	Logged By JW	Checked By
Drilling Method HSA	Drilling Contractor Cascade Drilling	Total Depth of Borehole 30 feet bgs
Drill Rig Type	Drill Bit Size/Type 8"	Ground Surface Elevation ft MSL
Groundwater Level (feet bgs) ~20 ft bgs	Sampling Method Split Spoon - D&M	Hammer Data
Borehole Backfill	Location	

Elevation, feet	Downhole Depth, feet	SAMPLES			Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type	Number	Blows/ 6in.				
0						SP	Surface: Asphalt with gravel	Time: 1149
							Brown medium to coarse SAND with pea gravel (loose) (dry) (no odor) (fill)	1153
5								1155
							Grading increasing gravel	1157
10								1159
						SP	Brown fine to coarse SAND with cobble pieces to 1.5" (dry) (no odor) (fill)	1201
15						GP	Brown GRAVEL and SAND	1204
							Grading with black staining (dry) (no odor)	1208
20						SM	Light gray-brown silty SAND with lenses of fines (dense) (wet) (no odor)	1211
						SP	Light gray brown SAND (dense) (wet) (no odor)	1214
25						SM	Light gray to brown silty SAND (attempt to sample groundwater)	1215
							Grading increasing fines and cobbles (dense) (dry)	1350
30							Grading decreasing gravel (dense) (dry)	1353
							Boring was completed to 30' bgs. Groundwater was encountered at 20' bgs. Set temporary well, groundwater sample SB-3-082708 at 7:04 am on 8/27/08. Boring was backfilled with bentonite.	
35								

ENV2 WID WELL, T:\0\NEWORLD\03761152_SRO_PROPERTY\03761152.GPJ_URSSEA3.GLB_URSSEA3.GDT_9/17/08



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-SB-4

Sheet 1 of 1

Date(s) Drilled: 8/27/08	Logged By: JW	Checked By:
Drilling Method: HSA	Drilling Contractor: Cascade Drilling	Total Depth of Borehole: 30 feet bgs
Drill Rig Type:	Drill Bit Size/Type: 8"	Ground Surface Elevation: ft MSL
Groundwater Level (feet bgs): -29 ft bgs	Sampling Method: Split Spoon - D&M	Hammer Data:
Borehole Backfill:	Location:	

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type	Number	Blows/ 6in.	Recovery (%)				
0							SP/ SM	Surface: Asphalt	Time: 0921
	27		100	4.0				Light gray-brown medium to fine SAND with large cobble fragments (dense) (dry) (no odor)	0925
	23								0929
	25								
	29		100	4.4					
	35								
	37								
	50/6"		100	3.0			SP	Light brown medium to fine SAND with fine gravel (very dense) (dry)	0932
	38		100	9.3*				Grading fine to coarse gravel	0935
	50/6"								
	34		100	16.1*					0937
	50/6"								
	38		100	10.7*					0940
	50/6"								
	37	SB-4 17.5	75				SM	Light gray-brown silty SAND, stratified (dense) (dry)	0943
	41		100						0946
	50/6"								
	41		100				SP	Gray-brown SAND (dense) (slightly damp) (no odor)	0949
	50/6"								
	43		33						0951
	50/6"								
	50/6"		100					Grading increasing moisture	0954
	30	SB-4 30	100				SM	Silty SAND (dense) (dry at bottom of interval, wet just above)	0957
	50/6"							Boring was completed to 30' bgs. Groundwater was encountered at 29' bgs. Boring was backfilled with bentonite.	* PID not zeroing out
	29								29 ft. ▼

ENV2 WVD WELL T:\01NEWORLD\33761152_SRO_PROPERTY\33761152.GPJ_URSSEA36.GLB_URSSEA3.GDT_8/17/08



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-SB-8

Sheet 1 of 2

Date(s) Drilled	11/17/08	Logged By	JW	Checked By	
Drilling Method	HSA	Drilling Contractor	Cascade Drilling	Total Depth of Borehole	49 feet bgs
Drill Rig Type		Drill Bit Size/Type		Ground Surface Elevation	
Groundwater Level (feet bgs)	41 ft bgs	Sampling Method	Split Spoon - D&M	Hammer Data	
Borehole Backfill		Location			

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type	Number	Blows/ 6in.	Recovery (%)				
0							SP	Surface: Asphalt Brown SAND with gravel (damp) (ill)	Time:
5	9 17		60	50/3	0.0			Grading gray-brown with 10% pea gravel (dry)	0820
10	17 24 26		89		0.0		SP/ SM	Brown silty SAND to sandy SILT with gravel up to 1" (no odor, no stain)	0824
15	50/8		100		0.0		SP	Grading (dry)	0829
20	30 50/6		100		0.0				0834
25	31 50/6	SB-8-21.5	100		0.0				0837
	34 50/5		100		0.0				0843
	31 50/6		100		0.0			Grading decreasing gravel (no odor, no stain)	0848
30	34 50/6	SB-8-29	83		0.0				0854
	32 50/6		100		0.0				0859
35	25 28 50/6		67		0.0				0906
	50/6		100		0.0				

ENV2 WIG WELL T:\ONEWORLD\33761152 SRO PROPERTY\33761152.GPJ_URSSEA3B.GLB_URSSEA3.GDT 3/17/09



Project: Sterling Realty Organization
 Project Location: Bellevue, Washington
 Project Number: 33761152

Log of Boring URS-SB-8

Sheet 2 of 2

Elevation, feet	Downhole Depth, feet	SAMPLES				Graphic Log	USCS	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
		Type	Number	Blows/ 6in.	Recovery (%)				
								0912	
	40	SB-B-39	19	75	0.0	SP/SM	Grading (damp to wet) (no odor, no stain)	0916	
			50/6					41 ft. ▼	
			50/6	100	0.0	GP	Grading (wet)	1922	
	45		50/6	87	0.0			0925	
			50/3	100	0.0			0928	
	50		50/3	87	0.0		Boring was completed to 49' bgs. Groundwater was encountered at 41' bgs. Boring was backfilled with bentonite chips.		
	55								
	60							0933	
	65								
	70								
	75								
	80								

ENV2 WFO WELL T:\ONEWORLD\33761152\SRO PROPERTY\33761152.GPJ URS\SEA3\B.CLB URS\SEA3.GDT 3/17/09



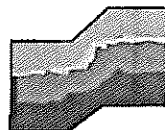
LOG OF BORING NO. 1

Figure No. A-2

Project: SRO Property Project No: T-6227 Date Drilled: June 22, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content % Wp -----x----- Wl 10 30 50 70 90	Pocket Penetrometer				Observ. Well		
					1	2	3	4			
1		(4 inches ASPHALT)	Medium Dense								
2		FILL: brown silty sand, fine grained, moist.									
3		Grayish-brown silty SAND with gravel, fine grained, moist. (SM) (Glacial Till) (Occasional silty sand to clean sand lenses)	Very Dense	8.6				69			
4				x							
5											
6											
7											
8											
9											
10						9.6				50/5"	
11						x					
12											
13											
14											
15						7.5				50/5"	
16						x					
17											
18											
19											
20				10.2				50/5"			
21				x							
22											
23											
24											
25				10.2				50/5"			
26				x							
27											
28											
29											
30				9.3				50/4"			
31				x							
32											
33											
34											
35				9.3				50/4"			
36				x							
37											
38		Grayish-brown GRAVEL with silt and sand. (Advance outwash)	Very Dense								
39											
40								50/3"			

Note: This borehole log has been prepared for geotechnical purposes. This information pertains only to this boring location and should not be interpreted as being indicative of other areas of the site.



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LOG OF BORING NO. 1

Figure No. 3

Project: SRO Property Project No: T-6227 Date Drilled: June 22, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content % Wp ----x---- Wl 10 30 50 70 90	Pocket Penetrometer				Monitor Well		
					1	2	3	4			
					TSF						
					SPT (N)						
					Blows/ft						
					10	20	30	40			
41		Grayish-brown to gray GRAVEL with sand and silt, occasional cobbles, fine to coarse grained, moist. (GM-GP) (Less silt with depth) (Advance outwash)	Very Dense	5.8 x							
42											
43											
44											
45						5.4 x					50/4'
46											
47											
48											
49						5.3 x					50/5'
50											
51											
52											
53											
54				8.3 x					50/4'		
55											
56											
57											
58											
59				4.3 x					50/3'		
60											
61											
62											
63											
64				5.6 x					50/4'		
65		Grayish-brown silty SAND to brown SAND with gravel, fine grained, dry to moist. (SM to SP) (Advance outwash)	Very Dense								
66											
67											
68											
69						2.7 x					50/2'
70											
71											
72											
73											
74						5.6 x					50/5'
75											
76											
77											
78											
79		*Continued on Next Page.									
80											

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LOG OF BORING NO. 1

Figure No. 3

Project: SRO Property Project No: T-6227 Date Drilled: June 22, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content % Wp -----x----- Wl 10 30 50 70 90	Pocket Penetrometer				Monitor Well
					1	2	3	4	
81		Gray silty SAND, fine grained. (SM) (Trace iron stains at 85.5 feet)	Very Dense to Dense	21.6 x				74/11	
82									
83									
84									
85				24.0 x				43	
86									
87									
88									
89		Blue gray sandy SILT, wet to moist. (ML)	Very Stiff to Hard						
90				24.3 x			31	x	
91									
92									
93									
94									
95				27.6 x				37	
96									
97									
98									
99									
100									
101				25.1 x				39	
102									
103		Boring terminated at 101.5 feet. No groundwater seepage observed during drilling. 2-inch PVC monitoring well constructed as shown using 0.020 factory slotted screen. Groundwater measured at 97.05 feet on June 26, 2008.							
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									
115									
116									
117									
118									
119									
120									

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LOG OF BORING NO. 2

Figure No. 4

Project: SRO Property Project No: T-6227 Date Drilled: June 23, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content % Wp -----x----- Wl 10 30 50 70 90	Pocket Penetrometer				Observ. Well
					1	2	3	4	
1		(3 inches ASPHALT)							
2		FILL: brown silty sand with gravel, fine grained, moist. (SM)	Medium Dense	11.6 x		22			
3									
4									
5									
6									
7		Grayish-brown silty SAND with gravel, fine grained, moist. (SM) (Glacial Till) (Occasional thin sand lenses)	Very Dense	8.2 x				80/11	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17		Gray silty SAND with gravel to GRAVEL with sand. (SM-GP) (Advance outwash)	Very Dense	10.3 x				70	
18									
19									
20									
21									
22		*Continued on Next Page.	Very Dense	6.1 x				50/1	
23									
24									
25									
26									
27		*Continued on Next Page.	Very Dense	8.3 x				50/5'	
28									
29									
30									
31									
32		*Continued on Next Page.	Very Dense	9.2 x				50/5'	
33									
34									
35									
36									
37		*Continued on Next Page.	Very Dense	9.9 x				50/5'	
38									
39									
40									
41									

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Terra Associates, Inc.

Consultants in Geotechnical Engineering, Geology and Environmental Earth Sciences

LOG OF BORING NO. 2

Figure No. 4

Project: SRO Property Project No: T-6227 Date Drilled: June 23, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content %					Pocket Penetrometer				Monitor Well			
				Wp	W ₁₀	W ₃₀	W ₅₀	W ₇₀	W _L	1	2	3		4		
41		Gray silty SAND with gravel, fine grained, moist. (SM)	Very Dense	9.5												
42				x												
43																
44																
45						7.8										
46						x										
47																
48																
49																
50						22.0										
51				x												
52																
53																
54				9.4												
55				x												
56																
57																
58																
59				9.1												
60				x												
61																
62																
63																
64		Gray silty SAND, fine grained, moist to wet. (SM) (Advance outwash)	Very Dense	20.8												
65				x												
66																
67																
68																
69						24.3										
70						x										
71																
72																
73																
74				25.6												
75				x												
76																
77																
78																
79		*Continued on Next Page.														
80																

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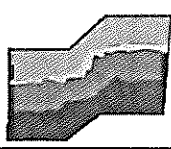
LOG OF BORING NO. 3

Figure No. A-4

Project: SRO Property Project No: T-6227 Date Drilled: June 24, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content % Wp -----x----- Wl 10 30 50 70 90	Pocket Penetrometer				Observ. Well	
					Δ	TSF		Δ		
					1	2	3	4		
					SPT (N)					
					● Blows/ft ●					
					10	20	30	40		
1		FILL: brown silty sand with gravel, fine grained, moist. (SM)	Medium Dense							
2										
3										
4										
5										
6										
7		Grayish-brown silty SAND with gravel, fine grained, moist. (SM) (Glacial Till)	Dense to Very Dense							
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31		Boring terminated at 30 feet. 2-inch PVC monitoring well constructed as shown using 0.020 factory slotted screen pipe. Groundwater measured at 23.89 feet on June 26, 2008.								
32										
33										
34										
35										

Note: This borehole log has been prepared for geotechnical purposes. This information pertains only to this boring location and should not be interpreted as being indicative of other areas of the site.



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LOG OF BORING NO. 4

Figure No. A-5

Project: SRO Property Project No: T-6227 Date Drilled: June 24, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content % Wp -----x----- Wl 10 30 50 70 90	Pocket Penetrometer				Observ. Well
					Δ	TSF	Δ	SPT (N) Blows/ft	
1		(4 inches ASPHALT)							
2		FILL: grayish-brown to brown silty sand with gravel, fine grained, moist.	Medium Dense						
3									
4									
5					7.1				42
6					x				
7		Grayish-brown to gray silty SAND with gravel, fine grained, moist. (SM) (Glacial Till) (Trace Iron staining at 15 feet)	Very Dense						
8									
9					11.9				50/5"
10					x				
11									
12									
13									
14					8.3				50/5"
15					x				
16									
17									
18									
19					7.5				50/5.5"
20					x				
21									
22									
23			9.1				50/5.5"		
24			x						
25									
26									
27									
28									
29			9.6				50/5"		
30			x						
31									
32									
33			4.8				50/5"		
34			x						
35		Gray to brown GRAVEL with silt and sand. Some cobbles (Advance outwash) *Continued on Next Page.	Very Dense						
36									
37									
38									
39					6.2				50/3"
40			x						

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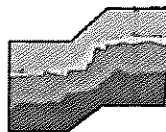
LOG OF BORING NO. 4

Figure No. A-5

Project: SRO Property Project No: T-6227 Date Drilled: June 24, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content %		Pocket Penetrometer				Monitor Well		
				Wp	WI	1	2	3	4		Blows/ft	
				10	30 50 70 90							
41		Gray to brown GRAVEL with silt and sand, fine to coarse grained, less silt with depth, moist. (GM-GP) (Advance outwash)	Very Dense									
42												
43												
44						5.0						
45						x						50/5.3
46												
47												
48												
49												
50						5.7						50/5"
51				x								
52												
53												
54												
55				4.9						50/5"		
56				x								
57												
58												
59												
60				2.7						50/5"		
61				x								
62		Brown SAND with silt and gravel, fine to coarse grained, cobbles, moist. (SP-SM) (Advance outwash)	Very Dense									
63												
64												
65				14.6						76		
66				x								
67		Grayish-brown silty SAND to SAND with silt, fine grained, moist. (SP-SM) (Some iron staining) (Advance outwash)	Dense to Very Dense									
68												
69												
70						23.7						47
71						x						
72												
73												
74												
75				19.6						54		
76				x								
77		Bluish-gray silty SAND to sandy SILT, wet. (SM/ML)	Hard	21.6								
78				x								
79												
80		*Continued on Next Page.										

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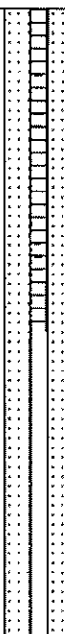
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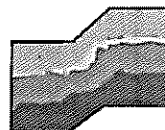
LOG OF BORING NO. 4

Figure No. A-5

Project: SRO Property Project No: T-6227 Date Drilled: June 24, 2008
 Client: Trammell Crow Company Driller: Gregory Drilling Logged By: DPL
 Location: Bellevue, Washington Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	Moisture Content %					Pocket Penetrometer				Monitor Well		
				Wp	x			Wl	1	TSF		4			
				10	30	50	70	90	10	20	30	40			
81		Bluish-gray sandy SILT, wet. (ML)	Hard	23.4								35			
82	x														
83															
84															
85						23.7								32	
86						x									
87															
88															
89															
90						24.9									43
91				x											
92															
93															
94															
95															
96				28.7								44			
97				x											
98															
99															
100															
101				25.1								46			
102				x											
103		Boring terminated at 101.5 feet. Groundwater observed at 75 feet. 2-inch PVC monitoring well constructed as shown using 0.020 factory slotted screen. Groundwater measured at 74.75 feet on June 26, 2008													
104															
105															
106															
107															
108															
109															
110															
111															
112															
113															
114															
115															
116															
117															
118															
119															
120															

Note: This borehole log has been prepared for geotechnical purposes. This information pertains only to this boring location and should not be interpreted as being indicative of other areas of the site.



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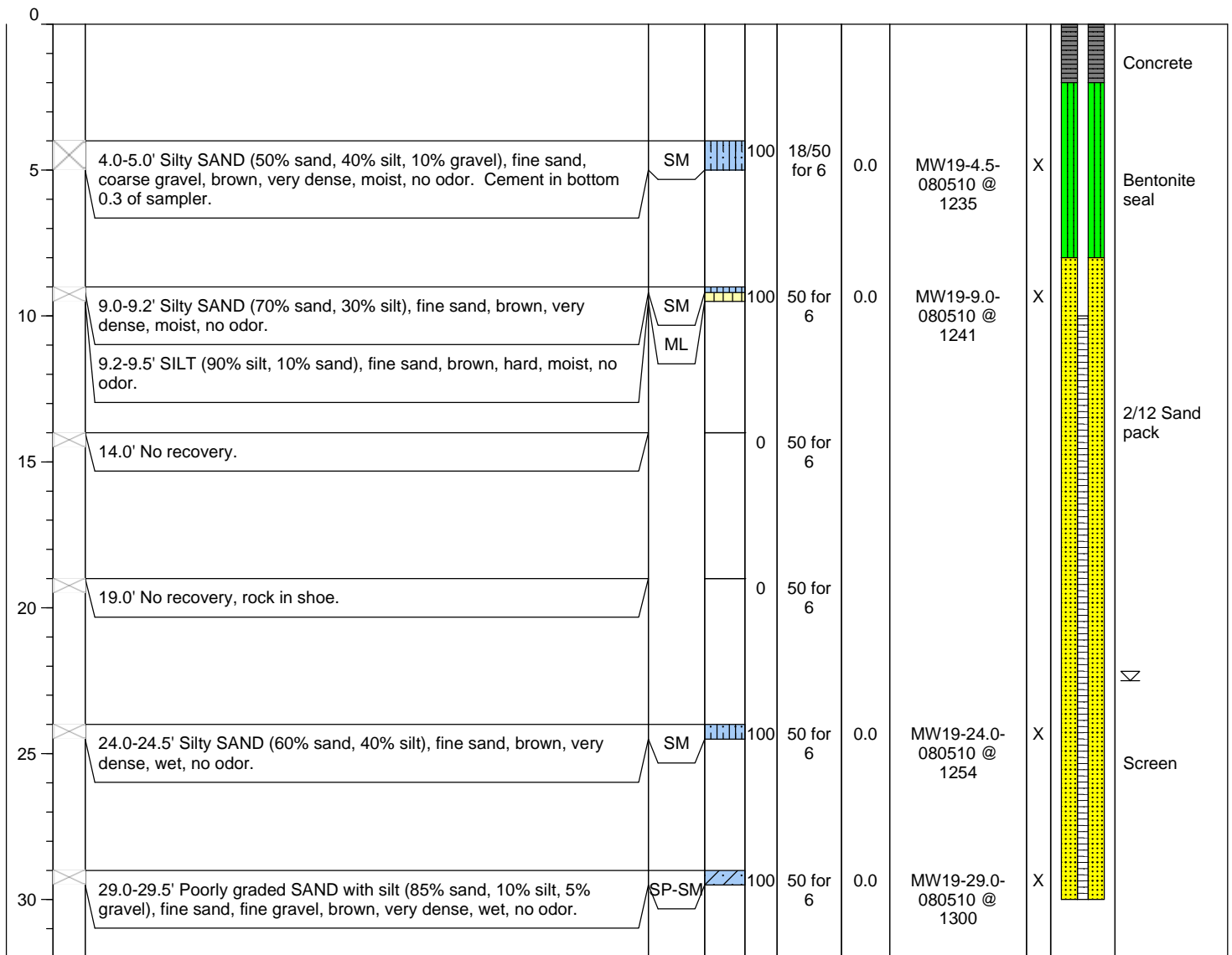


Log of Boring: MW-19

Client: BV Holdings
Project: Former Thinker Toys
Location: Bellevue, WA
Farallon PN: 262-001
Logged By: J. Ruark

Date/Time Started: 08/05/10 1220
Date/Time Completed: 08/05/10 1315
Equipment: CME 75
Drilling Company: Cascade Drilling
Drilling Foreman: David Gose
Drilling Method: Hollow Stem Auger
Sampler Type: D&M SS 18"x2"
Drive Hammer (lbs.): 300
Depth of Water ATD (ft bgs): 22.5
Total Boring Depth (ft bgs): 30
Total Well Depth (ft bgs): 30

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-------------------	-----------------	------------------------	------	--------------	------------	-------------------	-----------	-----------	-----------------	----------------------------------



Well Construction Information		
Monument Type: Flush mount	Filter Pack: 2/12 Sand Pack	Ground Surface Elevation (ft): NA
Casing Diameter (inches): 2	Surface Seal: Concrete	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): 0.010	Annular Seal: Bentonite	Boring Abandonment: NA
Screened Interval (ft bgs): 10-30	Surveyed Location: X: 1303702.57 Y: 228097.78	

Client: BV Holdings
Project: Former Thinker Toys
Location: Bellevue, WA

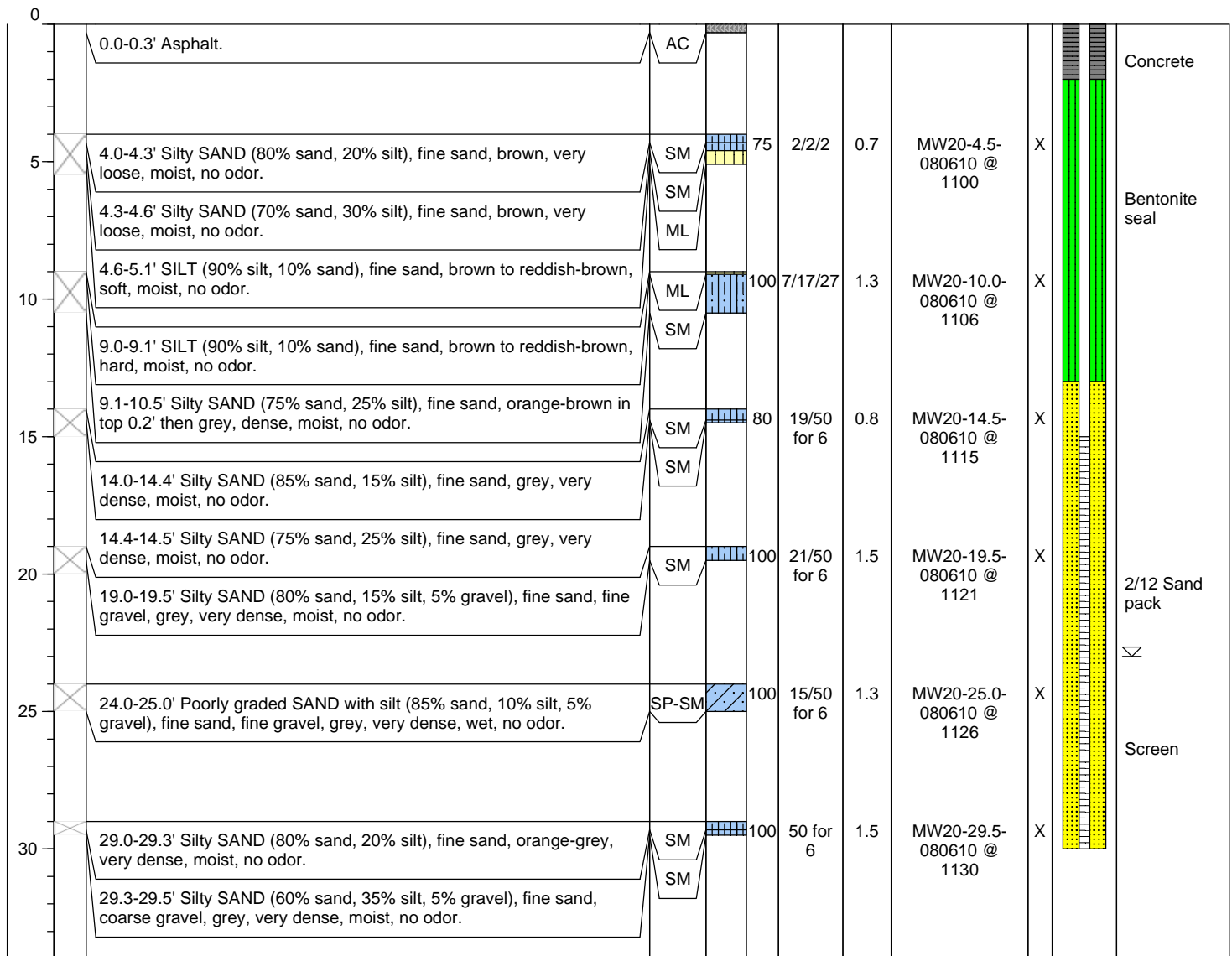
Farallon PN: 262-001

Logged By: J. Ruark

Date/Time Started: 08/06/10 1045
Date/Time Completed: 08/06/10 1300
Equipment: CME 75
Drilling Company: Cascade Drilling
Drilling Foreman: David Gose
Drilling Method: Hollow Stem Auger

Sampler Type: D&M SS 18"x2"
Drive Hammer (lbs.): 300
Depth of Water ATD (ft bgs): 23
Total Boring Depth (ft bgs): 30
Total Well Depth (ft bgs): 30

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-------------------	-----------------	------------------------	------	--------------	------------	-------------------	-----------	-----------	-----------------	----------------------------------



Well Construction Information		
Monument Type: Flush mount	Filter Pack: 2/12 Sand Pack	Ground Surface Elevation (ft): NA
Casing Diameter (inches): 2	Surface Seal: Concrete	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): 0.010	Annular Seal: Bentonite	Boring Abandonment: NA
Screened Interval (ft bgs): 15-30	Surveyed Location: X: 1303676.08 Y: 228033.64	



Log of Boring: SRO-1

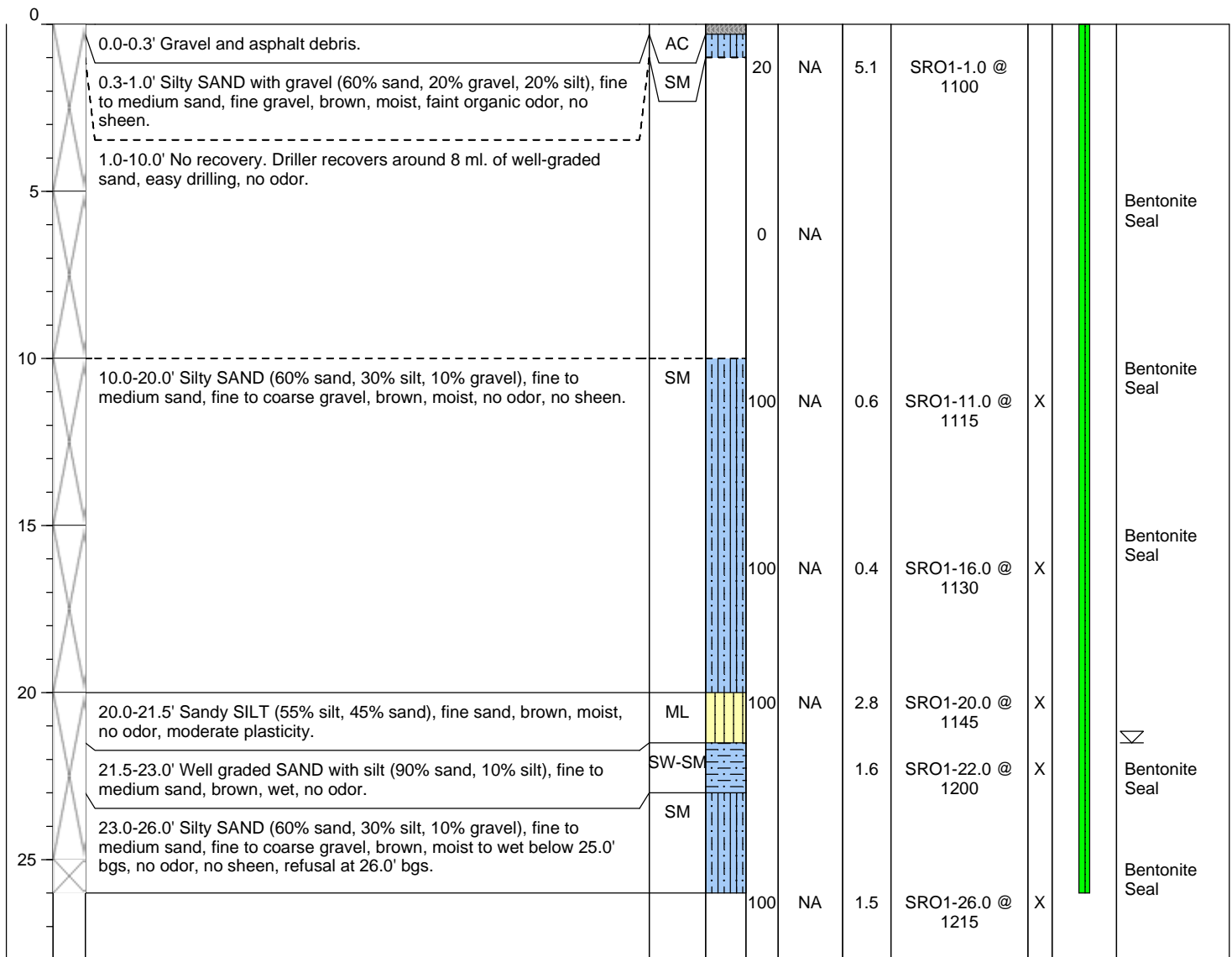
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/5/2010 1045
Date/Time Completed: 8/5/2010 1230
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push
Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 21.5
Total Boring Depth (ft bgs): 26.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-------------------	-----------------	------------------------	------	--------------	------------	-------------------	-----------	-----------	-----------------	----------------------------------



Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment:	Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:		



Log of Boring: SRO-2

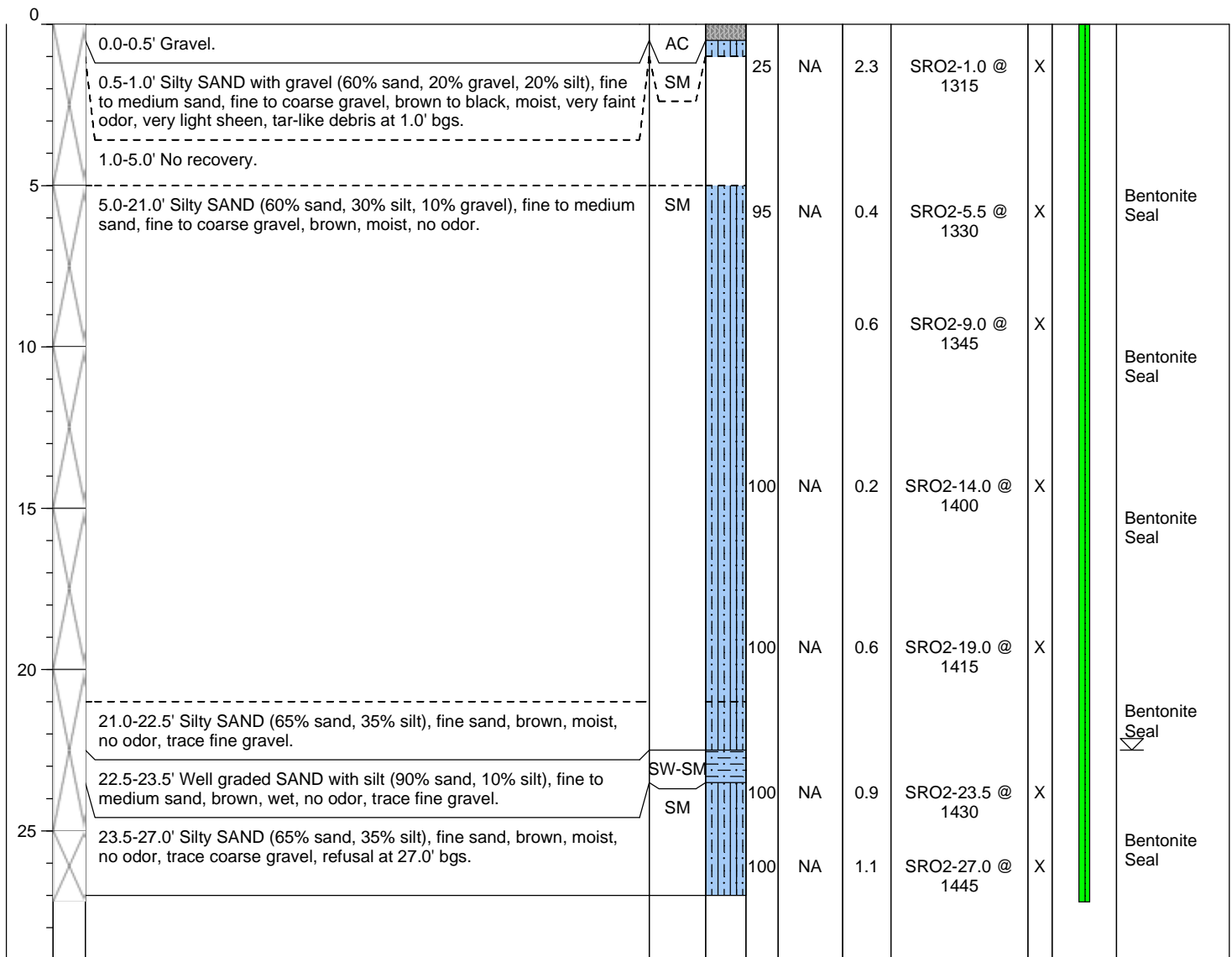
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/5/2010 1300
Date/Time Completed: 8/5/2010
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push
Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 22.5
Total Boring Depth (ft bgs): 27.2
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment:	Bentonite
Screened Interval (ft bgs): NA		Surveyed Location: X:	Y:



Log of Boring: SRO-3

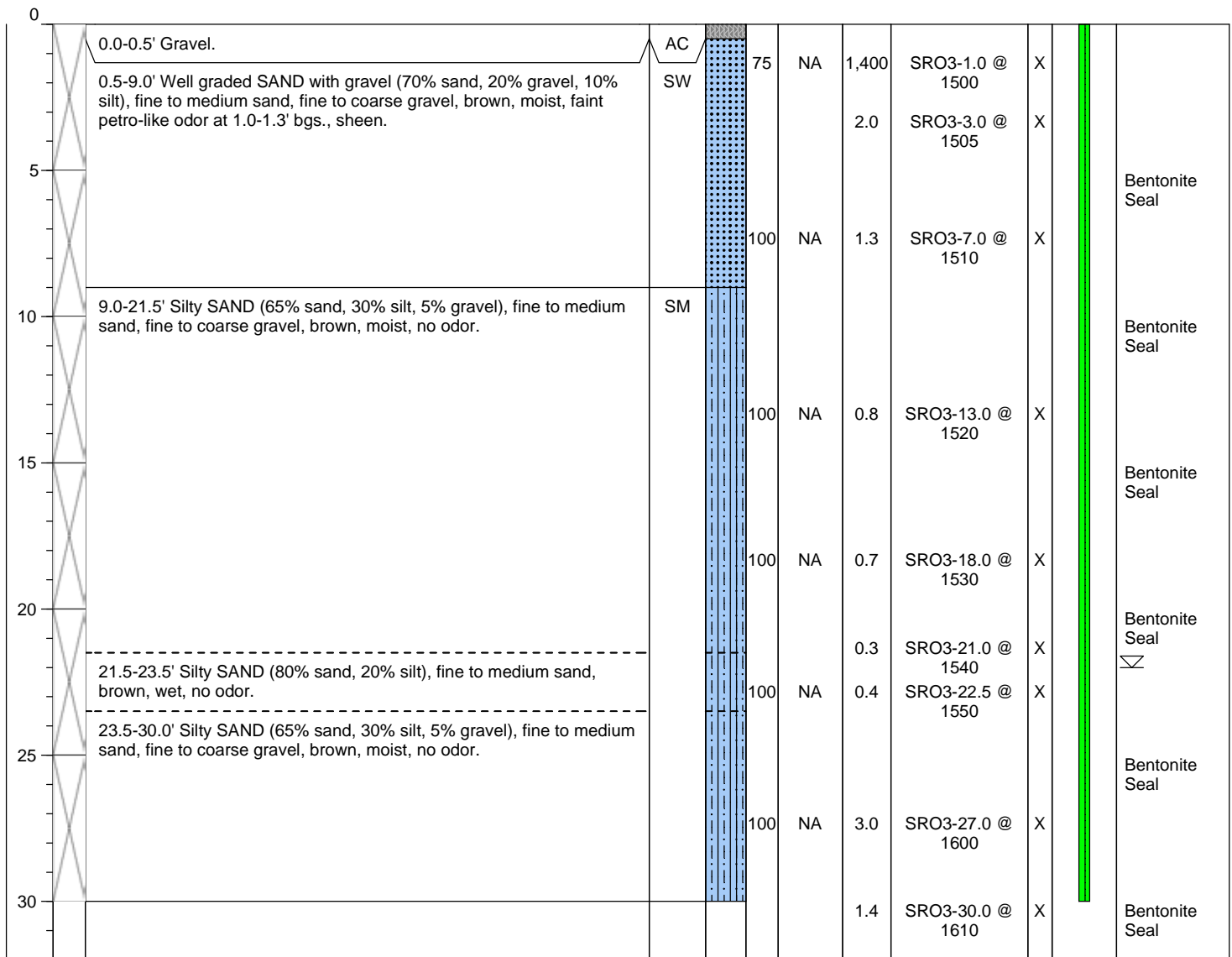
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/5/2010 1430
Date/Time Completed: 8/5/2010
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push
Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 22.0
Total Boring Depth (ft bgs): 30.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment:	Bentonite
Screened Interval (ft bgs): NA		Surveyed Location: X:	Y:



Log of Boring: SRO-4

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/6/2010 0800 **Sampler Type:** 5' Macrocorer
Date/Time Completed: 8/6/2010 **Drive Hammer (lbs.):** NA
Equipment: 8040 DT Geoprobe **Depth of Water ATD (ft bgs):** 26.0
Drilling Company: Cascade Drilling **Total Boring Depth (ft bgs):** 30.0
Drilling Foreman: Clayton Bartholemew **Total Well Depth (ft bgs):** NA
Drilling Method: Direct Push

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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0	0.0-0.5'	Gravel.	AC		35	NA	0.3	SRO4-1.0 @ 0815		
	0.5-1.8'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, brick and concrete debris.	SM							
	1.8-5.0'	No recovery.								
5	5.0-7.0'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, brick and concrete debris.	SM		40	NA	0.2	SRO4-6.0 @ 0830	X	Bentonite Seal
	7.0-10.0'	No recovery.								
10	10.0-13.0'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, brick and concrete debris.	SM		50	NA	0.0	SRO4-12.0 @ 0845	X	Bentonite Seal
	13.0-15.0'	No recovery.								
15	15.0-16.0'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, brick and concrete debris.	SM							
	16.0-17.0'	Poorly graded GRAVEL, mostly coarse, grey, dry, no odor.	GP							
	17.0-18.0'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, no sheen.	SM							
	18.0-20.0'	No recovery.								
20	20.0-26.0'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, dark grey color from 21.0-23.0' bgs., no sheen.	SM		100	NA	0.0	SRO4-22.0 @ 0915	X	Bentonite Seal
	26.0-28.0'	Well graded SAND with silt (85% sand, 15% silt), fine to medium sand, brown, wet, no odor.	SW		100	NA	0.4	SRO4-27.0 @ 0930	X	Bentonite Seal
25	28.0-30.0'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, no sheen.	SM							
30							0.4	SRO4-30.0 @ 0945	X	Bentonite Seal

Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:	



Log of Boring: SRO-5

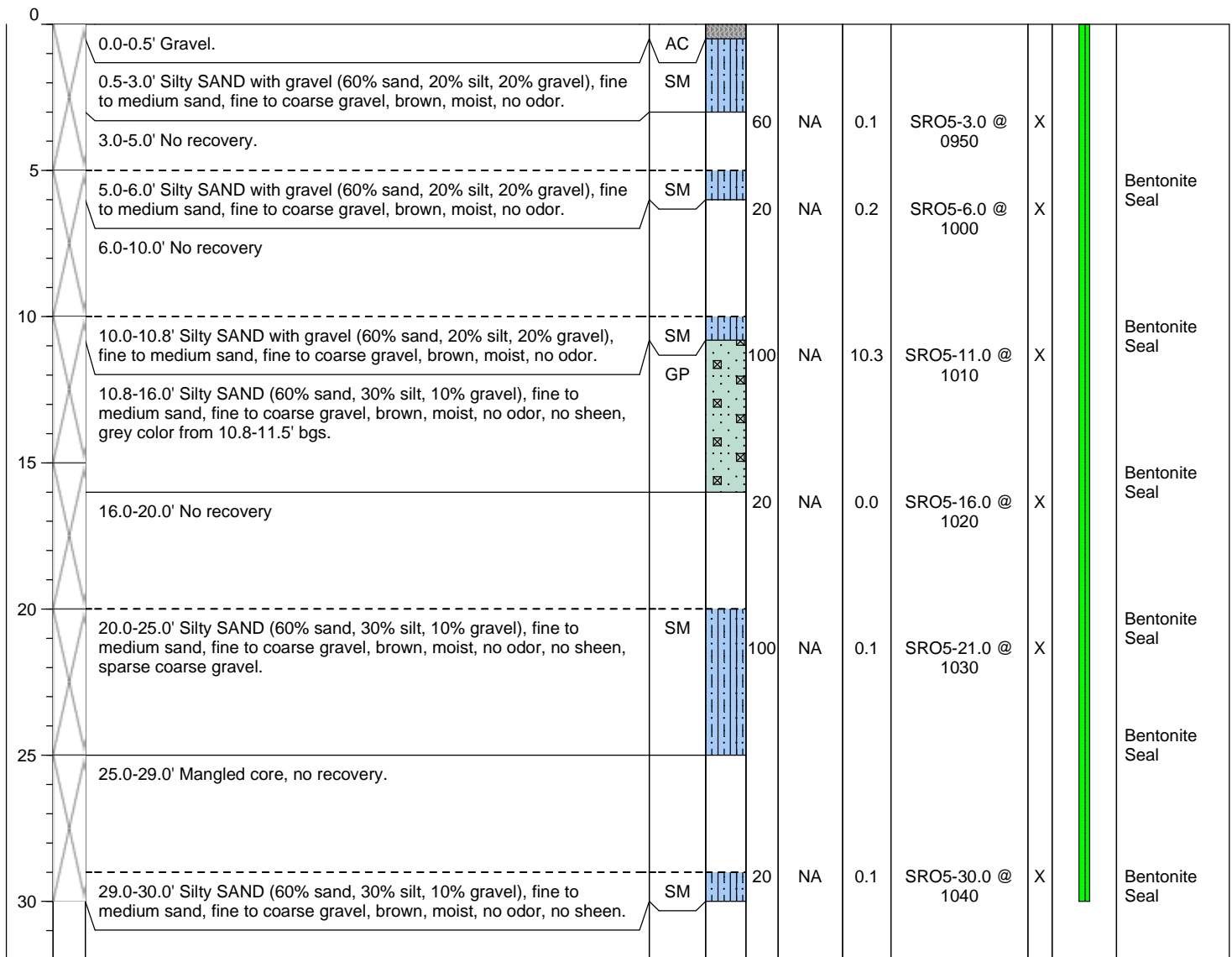
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/6/2010 0930
Date/Time Completed: 8/6/2010 1045
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push
Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 30.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite	
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:		



Log of Boring: SRO-6

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

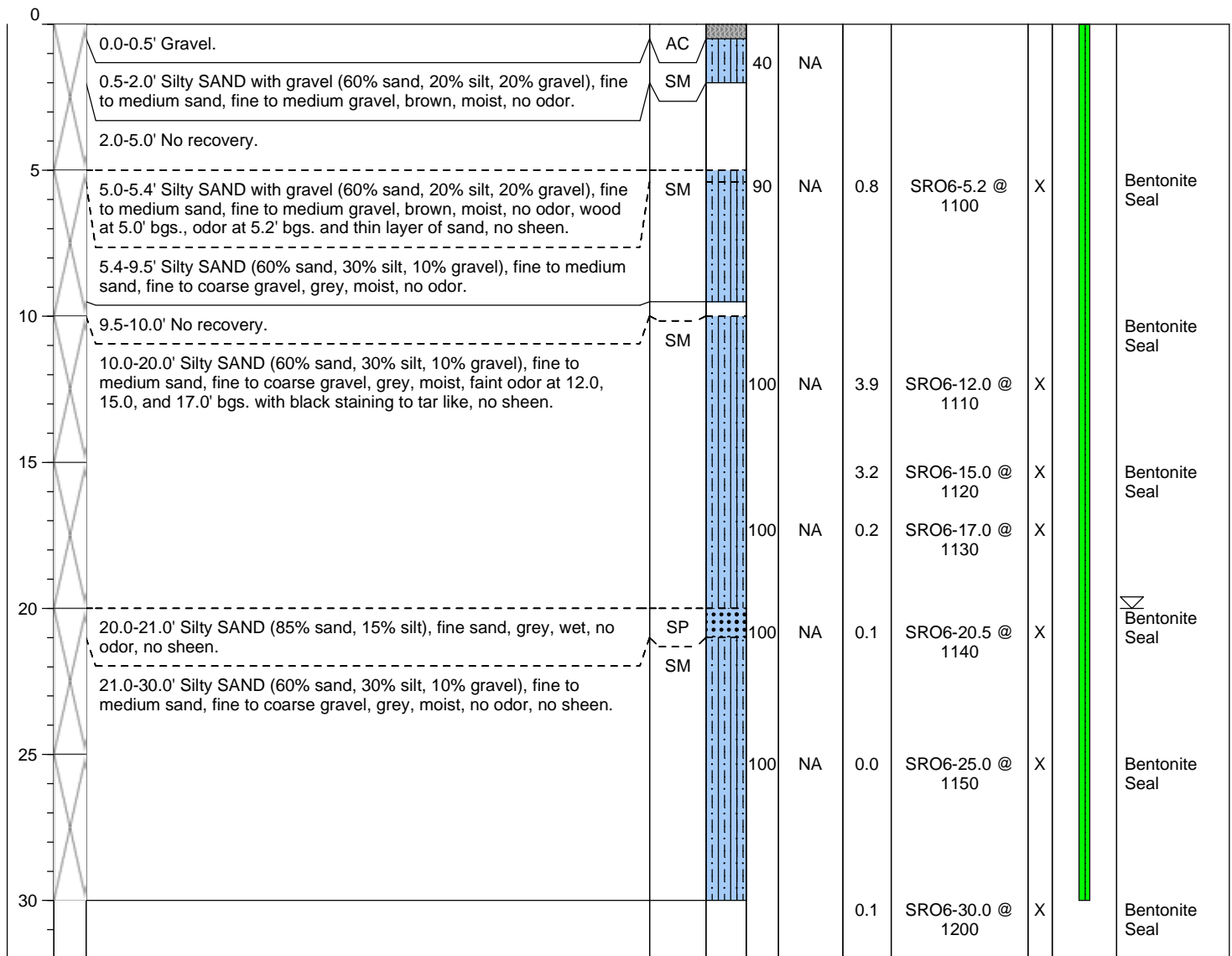
Date/Time Started: 8/6/2010 1045
Date/Time Completed: 8/6/2010 1215
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push

Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 20.0
Total Boring Depth (ft bgs): 30.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

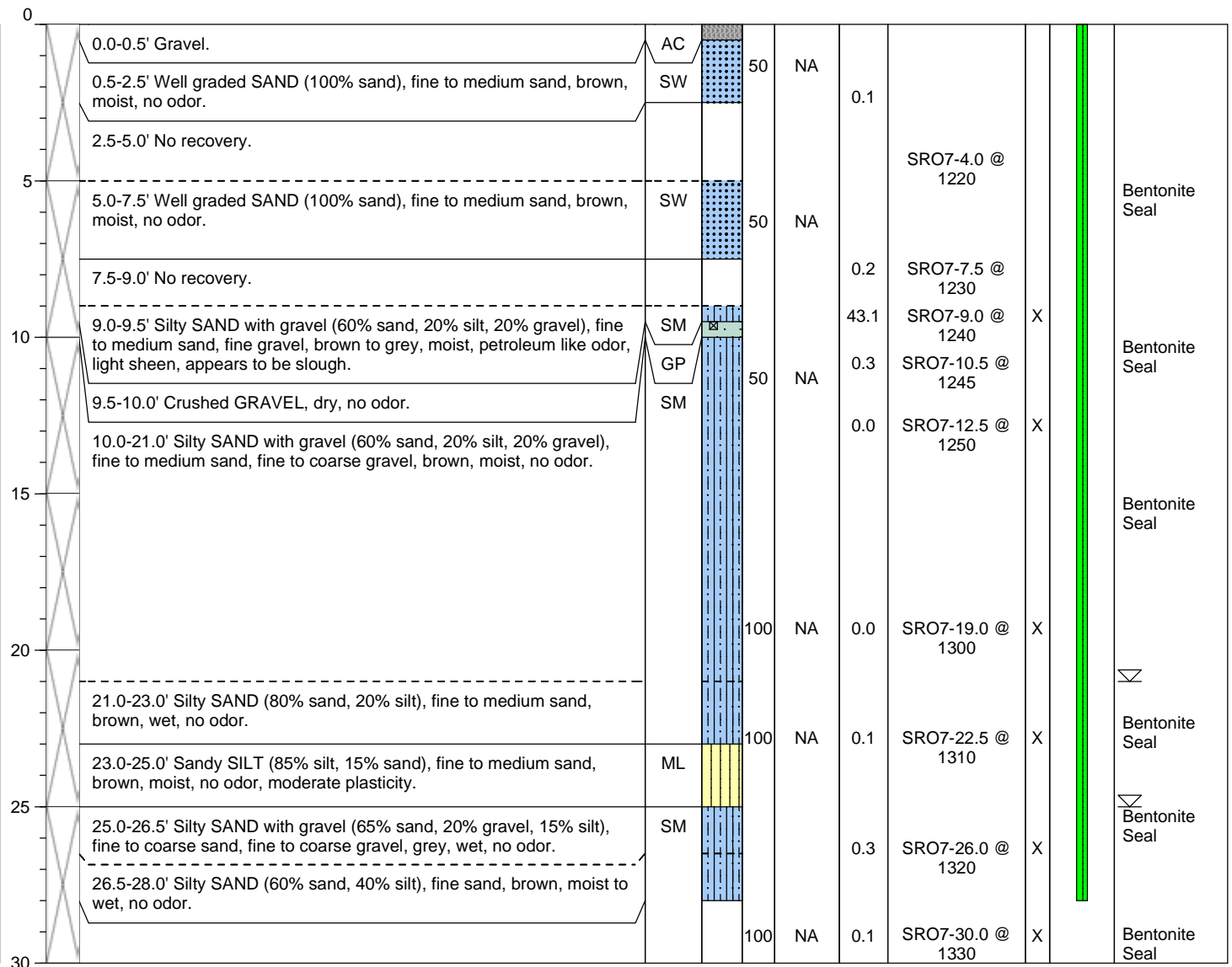
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:	



Log of Boring: SRO-7

Client: BV Holdings, Inc. Project: Former Thinker Toys Site Location: Bellevue, WA	Date/Time Started: 8/6/2010 1215 Equipment: 8040 DT Geoprobe Drilling Company: Cascade Drilling Drilling Foreman: Clayton Bartholemew Drilling Method: Direct Push	Sampler Type: 5' Macrocorer Drive Hammer (lbs.): NA Depth of Water ATD (ft bgs): 21.0, 25.0 Total Boring Depth (ft bgs): 28.0 Total Well Depth (ft bgs): NA
	Farallon PN: 262-001 Logged By: J. Peterson	

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite	
Screened Interval (ft bgs): NA		Surveyed Location: X:	Y:



Log of Boring: SRO-8

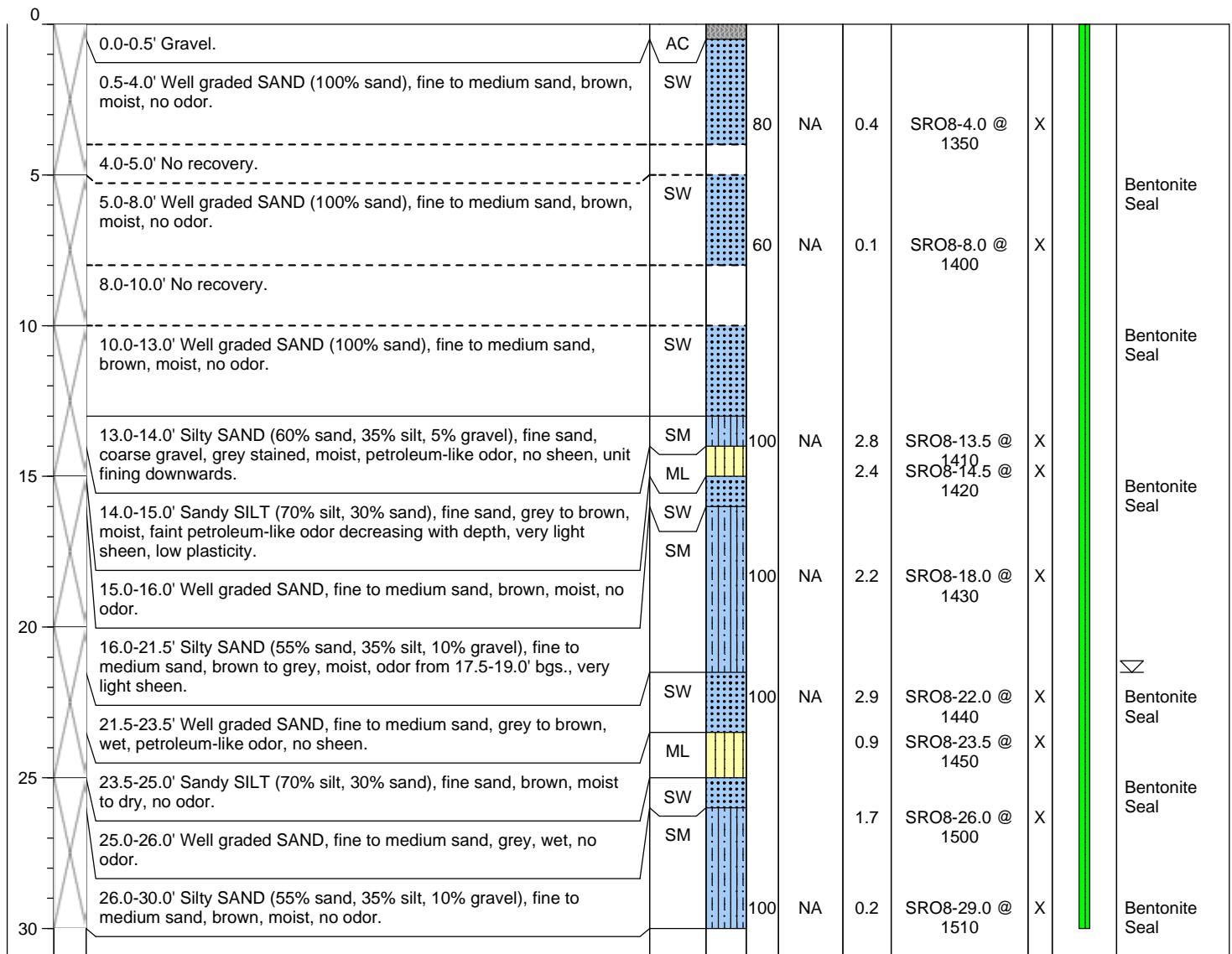
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/6/2010 1340
Date/Time Completed: 8/6/2010
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push
Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 21.5
Total Boring Depth (ft bgs): 29.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:	



Log of Boring: SRO-9

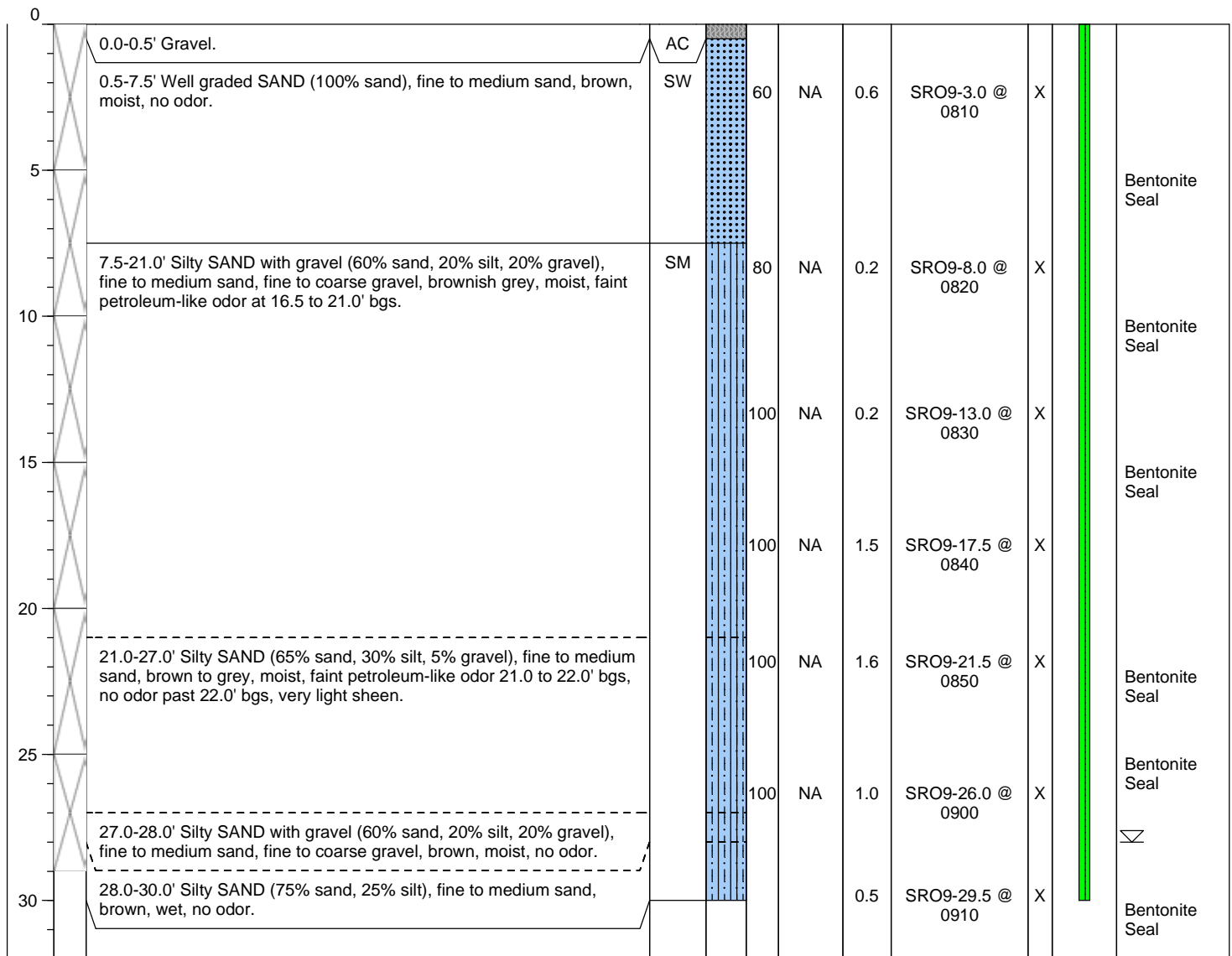
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/9/2010 0800 **Sampler Type:** 5' Macrocorer
Date/Time Completed: 8/9/2010 0915 **Drive Hammer (lbs.):** NA
Equipment: 8040 DT Geoprobe **Depth of Water ATD (ft bgs):** 28.0
Drilling Company: Cascade Drilling **Total Boring Depth (ft bgs):** 30.0
Drilling Foreman: Clayton Bartholemew **Total Well Depth (ft bgs):** NA
Drilling Method: Direct Push

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:	

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

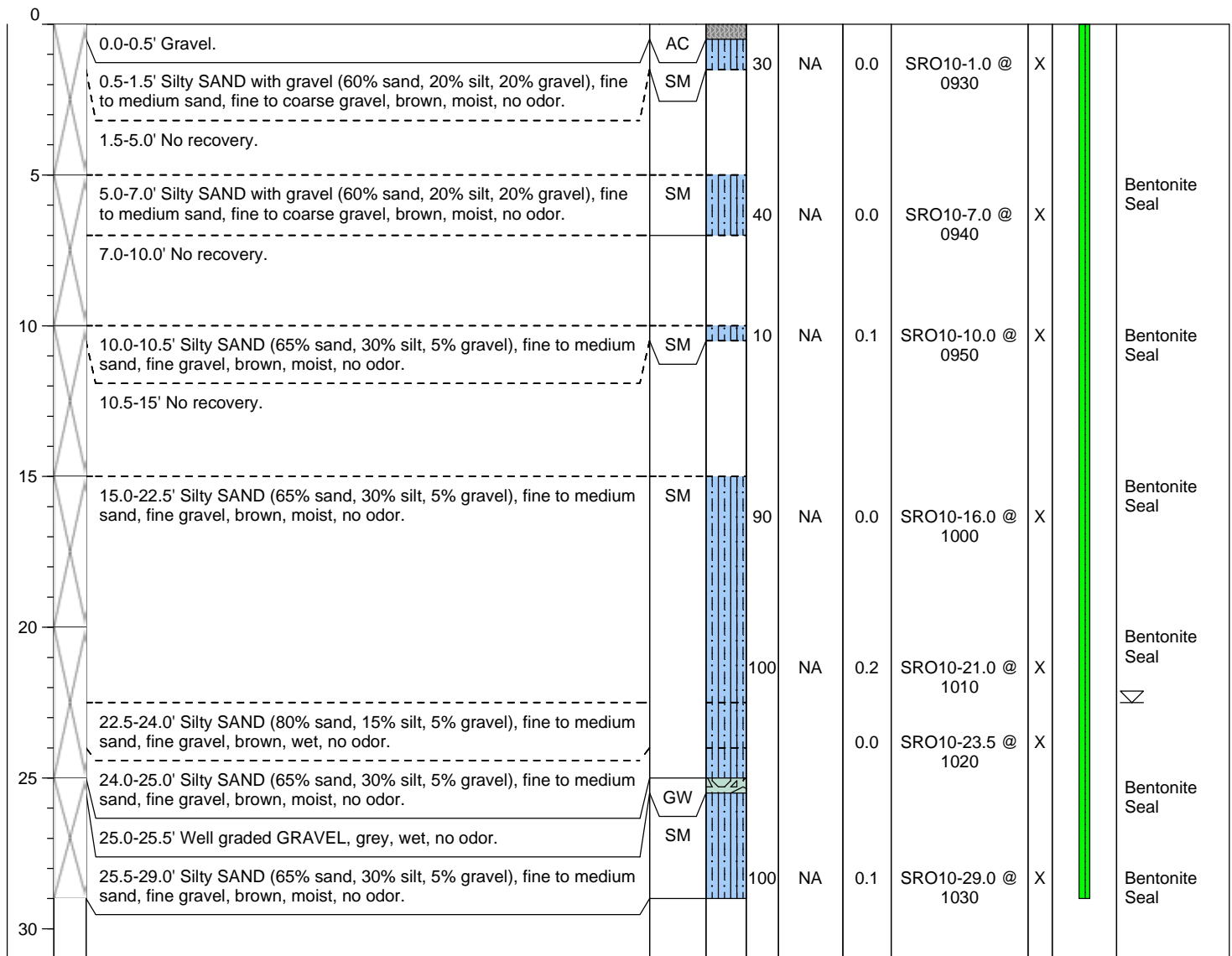
Date/Time Started: 8/9/2010 0930
Date/Time Completed: 8/9/2010 1100
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push

Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 22.5
Total Boring Depth (ft bgs): 29.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Monument Type: NA

Casing Diameter (inches): NA

Screen Slot Size (inches): NA

Screened Interval (ft bgs): NA

Well Construction Information

Filter Pack: NA

Surface Seal: NA

Annular Seal: NA

Ground Surface Elevation (ft):

Top of Casing Elevation (ft):

Boring Abandonment: Bentonite

Surveyed Location: X:

Y:



Log of Boring: SRO-11

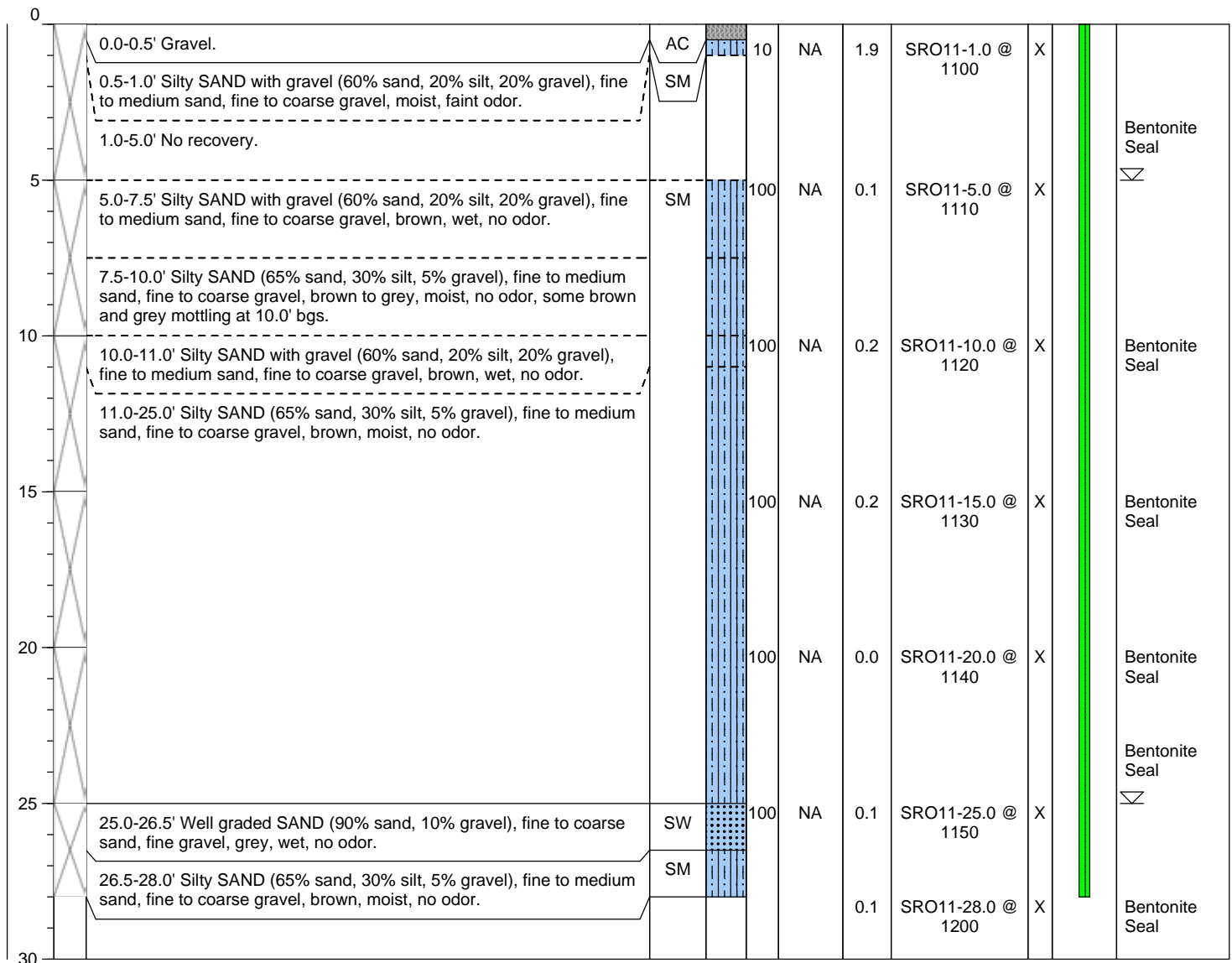
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/9/2010 1050
Date/Time Completed: 8/9/2010 1200
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push
Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 5.0, 25.0
Total Boring Depth (ft bgs): 28.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:	



Log of Boring: SRO-12

Client: BV Holdings, Inc. Project: Former Thinker Toys Site Location: Bellevue, WA	Date/Time Started: 8/9/2010 1300 Date/Time Completed: 8/9/2010 1430 Equipment: 8040 DT Geoprobe Drilling Company: Cascade Drilling Drilling Foreman: Clayton Bartholemew Drilling Method: Direct Push	Sampler Type: 5' Macrocorer Drive Hammer (lbs.): NA Depth of Water ATD (ft bgs): 15.0, 20.0 Total Boring Depth (ft bgs): 30.0 Total Well Depth (ft bgs): NA
	Farallon PN: 262-001 Logged By: J. Peterson	

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.5'	Gravel.	AC		10	NA				
	0.5-5.0'	No recovery.								Bentonite Seal
5	5.0-7.5'	Well graded SAND (100% sand), fine to medium sand, brown, moist, no odor.	SW		80	NA	0.3	SRO12-5.0 @ 1310	X	
	7.5-9.0'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brownish grey, moist, no odor.	SM			NA	0.2	SRO12-8.0 @ 1320	X	
	9.0-10.0'	No recovery.								Bentonite Seal
10	10.0-15.0'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brown to grey, moist, no odor.	SM		100	NA	0.2	SRO12-13.0 @ 1330	X	Bentonite Seal
15	15.0-17.0'	Well graded SAND with Silt (90% sand, 10% silt), fine to medium sand, brown, wet, no odor.	SW-SM		100	NA	0.5	SRO12-17.0 @ 1340	X	
	17.0-20.0'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM		100	NA	0.5	SRO12-17.0 @ 1340	X	
20	20.0-21.5'	Well graded SAND with gravel (80% sand, 20% gravel), fine to coarse sand, fine to coarse gravel, grey, wet, no odor, gravel fining down section.	SW		100	NA	0.3	SRO12-21.0 @ 1350	X	
	21.5-23.0'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brown to grey, moist, no odor.	ML				0.2	SRO12-23.5 @ 1400	X	Bentonite Seal
25	23.0-24.0'	Sandy SILT (55% silt, 45% sand), fine sand, greyish brown, moist, no odor, moderate plasticity.	SM							Bentonite Seal
	24.0-24.5'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	ML		100					Bentonite Seal
	24.0-24.5'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM							Bentonite Seal
30	24.5-25.5'	Sandy SILT (55% silt, 45% sand), fine sand, greyish brown, moist, no odor, moderate plasticity.				NA	0.2	SRO12-29.5 @ 1410	X	
	25.5-30.0'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine to coarse gravel, brownish grey, moist, no odor.								Bentonite Seal

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment:	Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:		

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

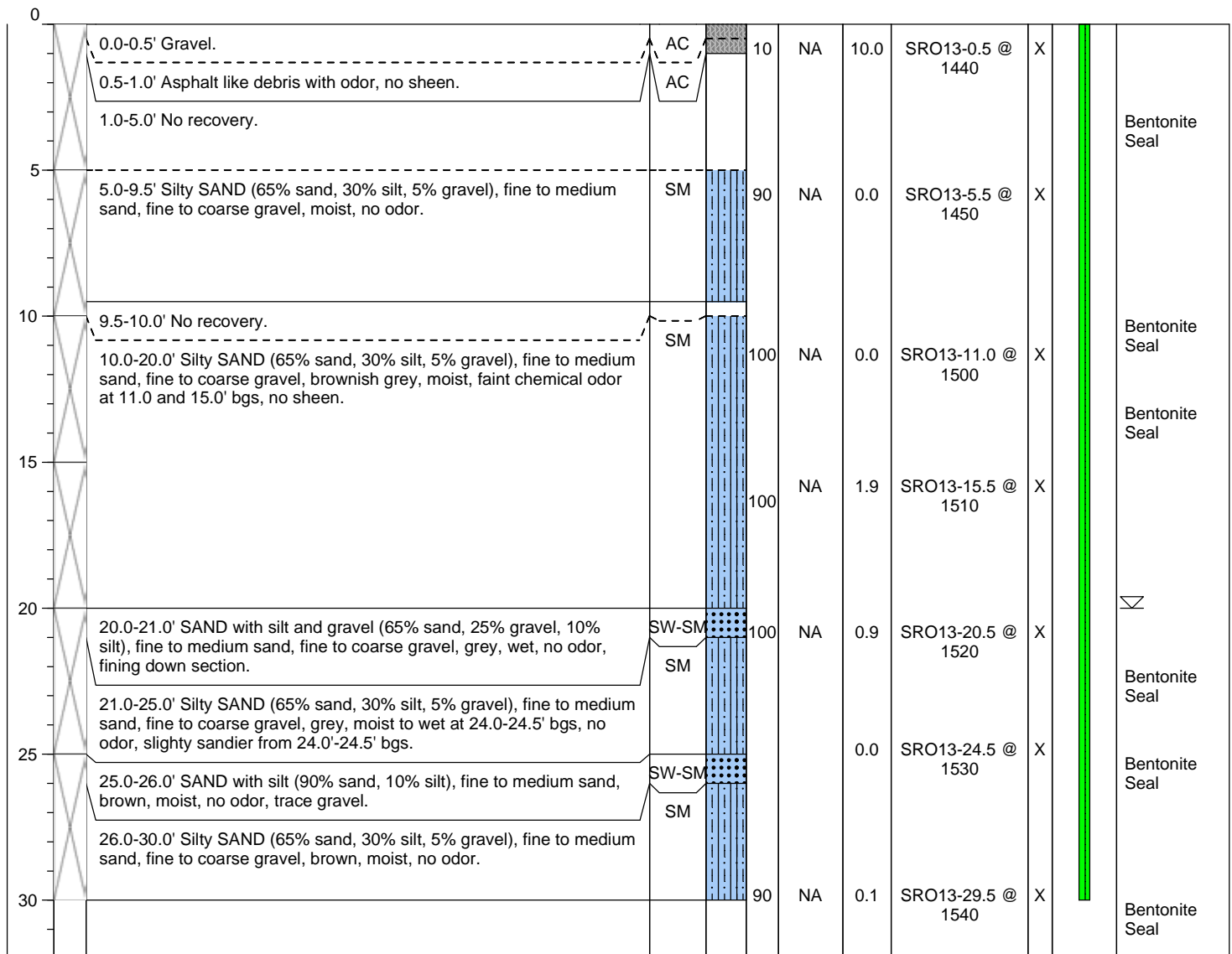
Date/Time Started: 8/9/2010 1430
Date/Time Completed: 8/9/2010 1600
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push

Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 20.0
Total Boring Depth (ft bgs): 30.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment:	Bentonite
Screened Interval (ft bgs): NA		Surveyed Location: X:	Y:

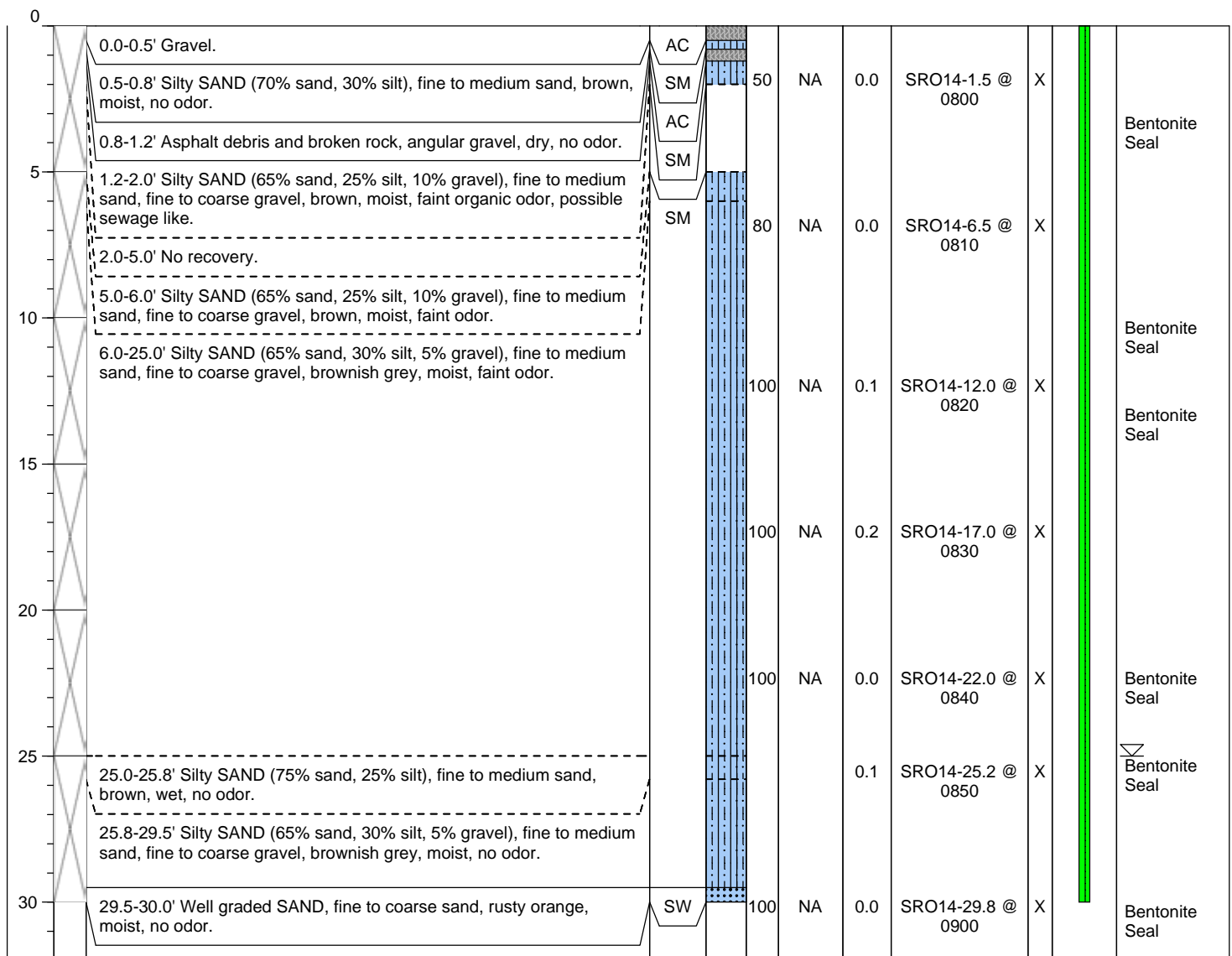
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/10/2010 0800 **Sampler Type:** 5' Macrocorer
Date/Time Completed: 8/10/2010 0900 **Drive Hammer (lbs.):** NA
Equipment: 8040 DT Geoprobe **Depth of Water ATD (ft bgs):** 25.0
Drilling Company: Cascade Drilling **Total Boring Depth (ft bgs):** 30.0
Drilling Foreman: Clayton Bartholemew **Total Well Depth (ft bgs):** NA
Drilling Method: Direct Push

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite	
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:		



Log of Boring: SRO-15

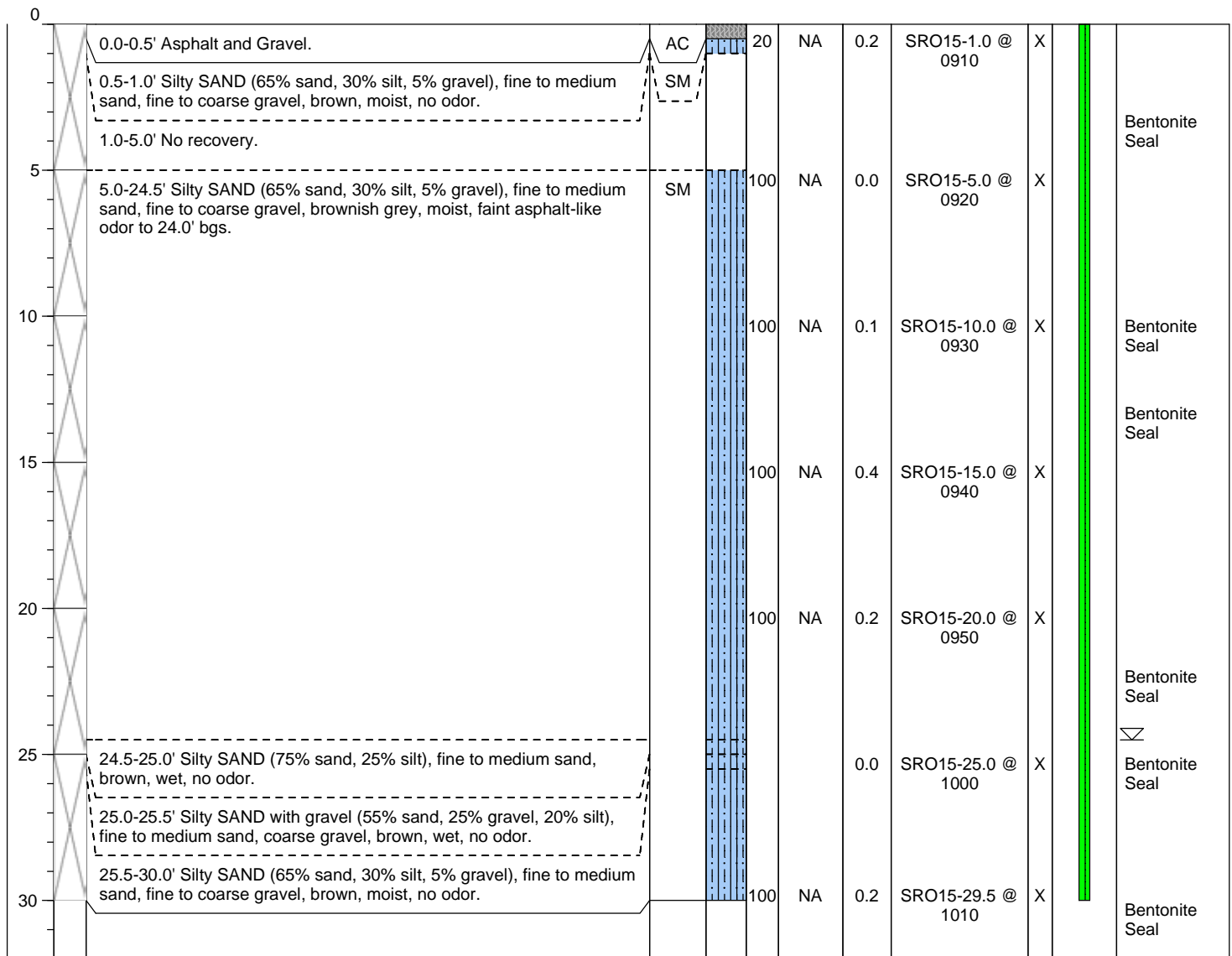
Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/10/2010 0900 **Sampler Type:** 5' Macrocorer
Date/Time Completed: 8/10/2010 1030 **Drive Hammer (lbs.):** NA
Equipment: 8040 DT Geoprobe **Depth of Water ATD (ft bgs):** 24.5
Drilling Company: Cascade Drilling **Total Boring Depth (ft bgs):** 30.0
Drilling Foreman: Clayton Bartholemew **Total Well Depth (ft bgs):** NA
Drilling Method: Direct Push

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information		
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:	

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

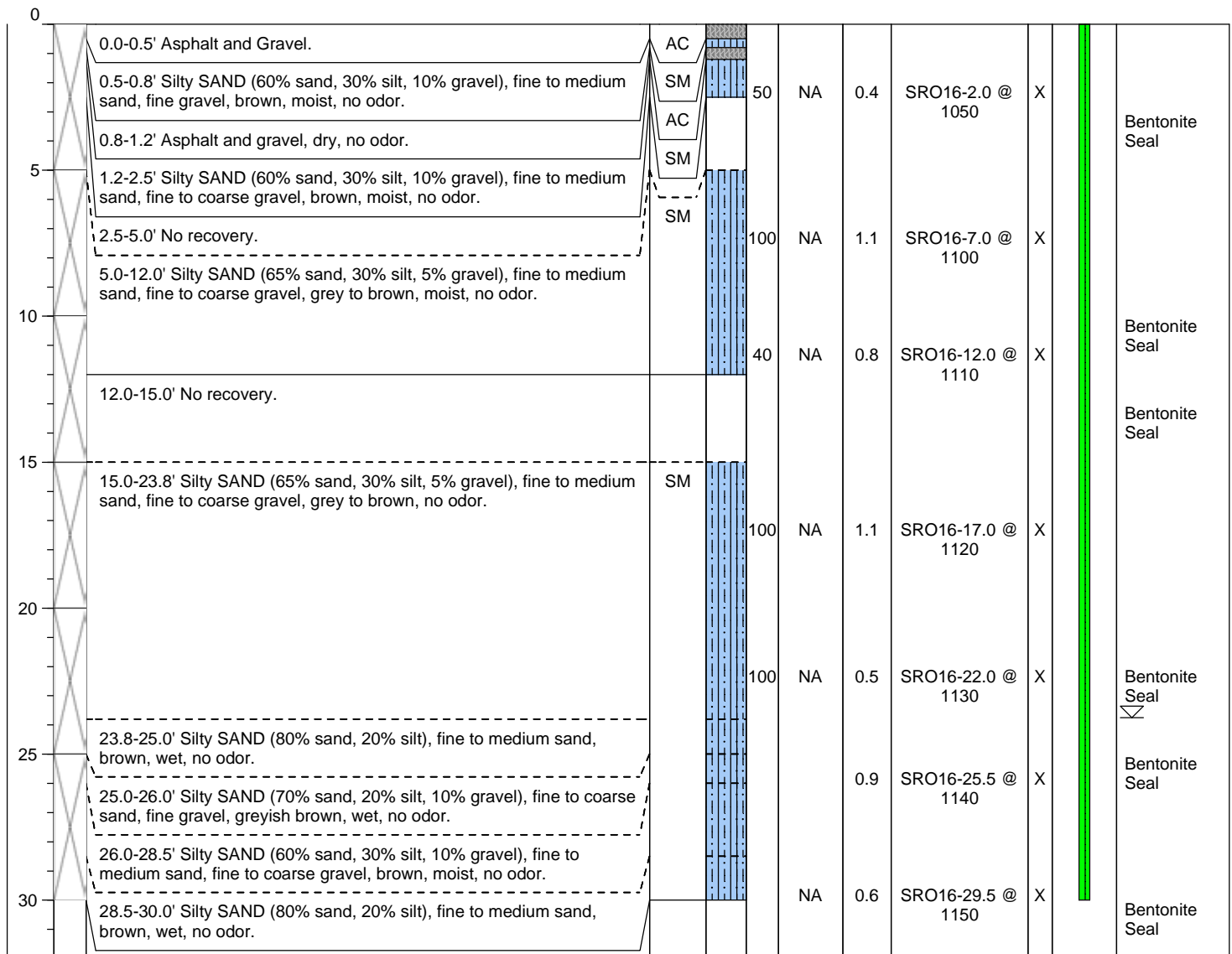
Date/Time Started: 8/10/2010 1040
Date/Time Completed: 8/10/2010 1200
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push

Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 23.75
Total Boring Depth (ft bgs): 30.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

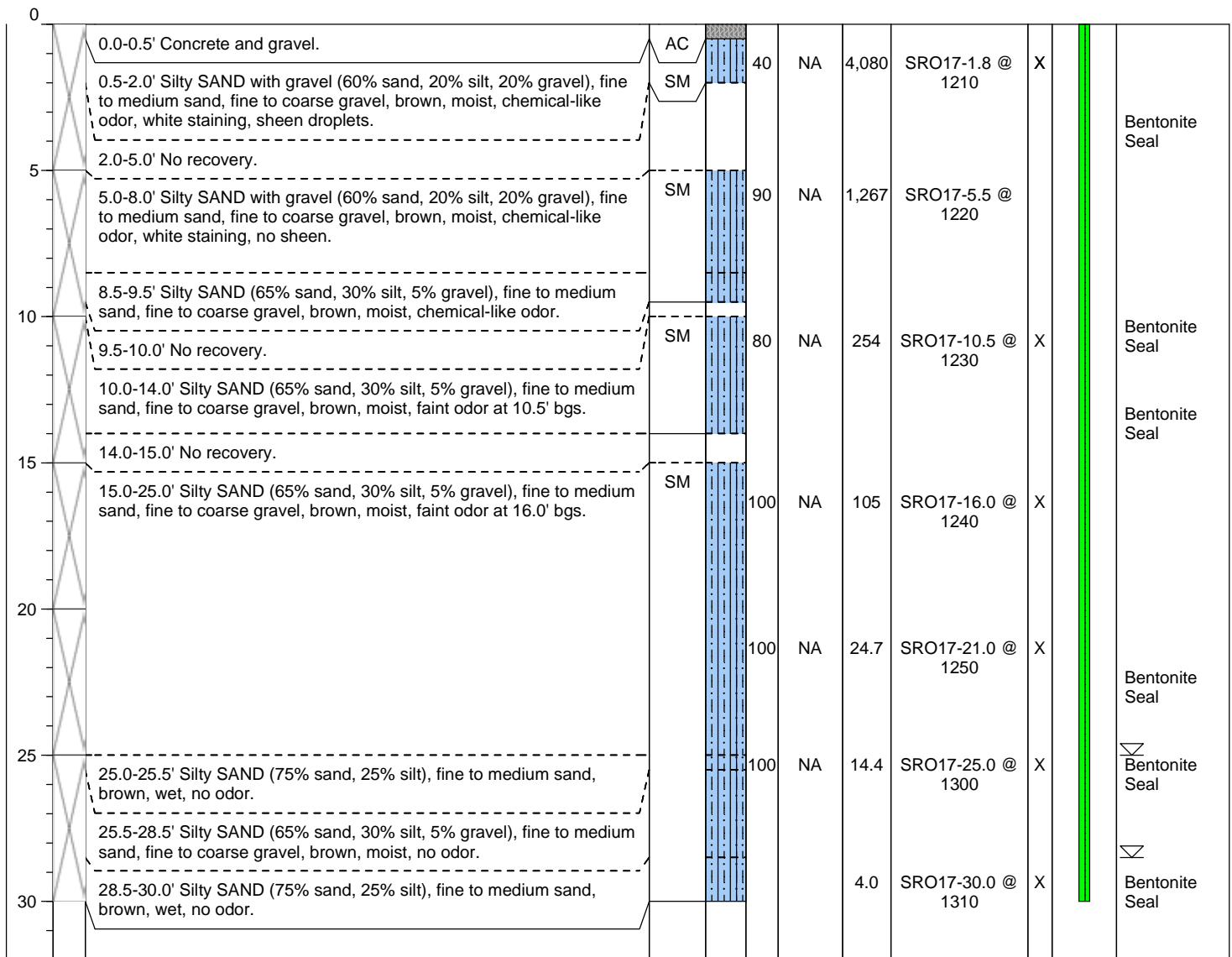
Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite	
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:		

Client: BV Holdings, Inc.	Date/Time Started: 8/10/2010 1200	Sampler Type: 5' Macrocorer
Project: Former Thinker Toys Site	Date/Time Completed: 8/10/2010 1330	Drive Hammer (lbs.): NA
Location: Bellevue, WA	Equipment: 8040 DT Geoprobe	Depth of Water ATD (ft bgs): 25.0, 28.5
Farallon PN: 262-001	Drilling Company: Cascade Drilling	Total Boring Depth (ft bgs): 30.0
Logged By: J. Peterson	Drilling Foreman: Clayton Bartholemew	Total Well Depth (ft bgs): NA
	Drilling Method: Direct Push	

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-------------------	-----------------	------------------------	------	--------------	------------	-------------------	-----------	-----------	-----------------	----------------------------------



Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite	
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:		



Log of Boring: SRO-18

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/10/2010 1330 **Sampler Type:** 5' Macrocorer
Date/Time Completed: 8/10/2010 1415 **Drive Hammer (lbs.):** NA
Equipment: 8040 DT Geoprobe **Depth of Water ATD (ft bgs):** NE
Drilling Company: Cascade Drilling **Total Boring Depth (ft bgs):** 10.0
Drilling Foreman: Clayton Bartholemew **Total Well Depth (ft bgs):** NA
Drilling Method: Direct Push

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.5'	Asphalt and gravel.	AC							
	0.5-2.5'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM		50	NA	0.1	SRO18-2.0 @ 1400	X	
	2.5-5.0'	No recovery.								Bentonite Seal
5	5.0-6.0'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM		40	NA	0.1	SRO18-5.5 @ 1410	X	
	6.0-6.3'	Crushed rocks.	GP							
	6.3-7.0'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, dry, no odor.	SM							
	7.0-10.0'	No recovery.								Bentonite Seal

Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite
Screened Interval (ft bgs): NA	Surveyed Location: X: Y:	



Log of Boring: SRO-19

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/10/2010 1425
Date/Time Completed: 8/10/2010 1445
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push
Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.5'	Gravel and asphalt debris.	AC							
	0.5-2.5'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM		50	NA	4.4	SRO19-2.0 @ 1430	X	
	2.5-5.0'	No recovery.								Bentonite Seal
5	5.0-5.5'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM		50	NA	0.1	SRO19-5.5 @ 1440	X	
	5.5-7.5'	Silty SAND (65% sand, 30% silt, 5% gravel), fine to medium sand, fine gravel, brownish grey, dry, no odor.	SM							
	7.5-10.0'	No recovery.								Bentonite Seal

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment:	Bentonite
Screened Interval (ft bgs): NA		Surveyed Location: X:	Y:



Log of Boring: SRO-20

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/10/2010 1505
Date/Time Completed: 8/10/2010 1515
Equipment: 8040 DT Geoprobe
Drilling Company: Cascade Drilling
Drilling Foreman: Clayton Bartholemew
Drilling Method: Direct Push

Sampler Type: 5' Macrocorer
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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0	0.0-0.5'	Gravel.	AC							
	0.5-2.5'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM		50	NA	2.4	SRO20-2.0 @ 1505	X	
	2.5-5.0'	No recovery.								Bentonite Seal
5	5.0-7.0'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM		40	NA	1.5	SRO20-6.0 @ 1515	X	
	7.0-10.0'	No recovery.								Bentonite Seal
10										

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment:	Bentonite
Screened Interval (ft bgs): NA		Surveyed Location: X:	Y:



Log of Boring: SRO-21

Client: BV Holdings, Inc.
Project: Former Thinker Toys Site
Location: Bellevue, WA

Date/Time Started: 8/10/2010 1530 **Sampler Type:** 5' Macrocorer
Date/Time Completed: 8/10/2010 1540 **Drive Hammer (lbs.):** NA
Equipment: 8040 DT Geoprobe **Depth of Water ATD (ft bgs):** NE
Drilling Company: Cascade Drilling **Total Boring Depth (ft bgs):** 10.0
Drilling Foreman: Clayton Bartholemew **Total Well Depth (ft bgs):** NA
Drilling Method: Direct Push

Farallon PN: 262-001

Logged By: J. Peterson

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.5'	Gravel and sand.	GP							
	0.5-3.0'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor.	SM		60					
	3.0-5.0'	No recovery.								Bentonite Seal
5	5.0-8.0'	Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, white to grey staining and rust color at 6.0-7.0' bgs., moist, chemical like odor.	SM		60	NA	120.0	SRO21-6.5 @ 1535	X	
	8.0-10.0'	No recovery.								
10										Bentonite Seal

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft):	
Screen Slot Size (inches): NA	Annular Seal: NA	Boring Abandonment: Bentonite	
Screened Interval (ft bgs): NA		Surveyed Location: X:	Y:

APPENDIX B
Chemical Analytical Reports

Appendix B

Laboratory Reports, Sound Analytical Services, Inc.

SOUND ANALYTICAL SERVICES, INC.

Bellevue

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4630 PACIFIC HIGHWAY EAST, SUITE B-14, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: Sweet-Edwards

Date: July 18, 1990

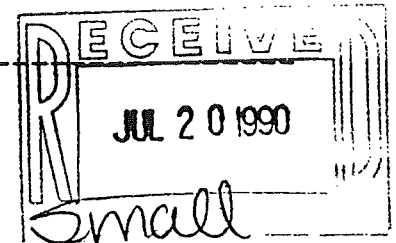
Report On: Analysis of Soil

Lab No.: 12263

IDENTIFICATION:

Samples Received on 07-16-90

Project: U24080.01' Unocal Station No. 4511



ANALYSIS:

Lab Sample No.	1	2	3	4	5
Client ID	MW-1 S-2	MW-2 S-1	MW-3 S-1	MW-4 S-2	MW-2 S-2
Matrix/Units	Soil ppm	Soil ppm	Soil ppm	Soil ppm	Soil ppm
Benzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethyl Benzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylenes	< 0.05	0.09	0.90	< 0.05	0.24
BTEX by EPA SW-846 Method 8020					
Total Petroleum Hydrocarbons, by EPA Method 418.1	7.5	810	87.9	65.3	203

SOUND ANALYTICAL SERVICES

C. Larry Zura
C. LARRY ZURAW

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4630 PACIFIC HIGHWAY EAST, SUITE B-14, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922- 5047

QUALITY CONTROL REPORT

DUPLICATES

Lab No: 12263
Date: July 18, 1990
Client: Sweet-Edwards

Client ID: MW-4 S-2
Matrix: Soil
Units: ppm

Compound	Sample(S)	Duplicate(D)	RPD*	
Benzene	< 0.05	< 0.05	---	
Toluene	< 0.05	< 0.05	---	
Ethyl Benzene	< 0.05	< 0.05	---	
Xylenes	< 0.05	< 0.05	---	
Total Petroleum Hydrocarbons	65.3	59.0	10.1	

*RPD = relative percent difference
= $[(S - D) / ((S + D) / 2)] \times 100$

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SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4630 PACIFIC HIGHWAY EAST, SUITE B-14, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: Sweet-Edwards

Date: July 25, 1990

Report On: Analysis of Soil

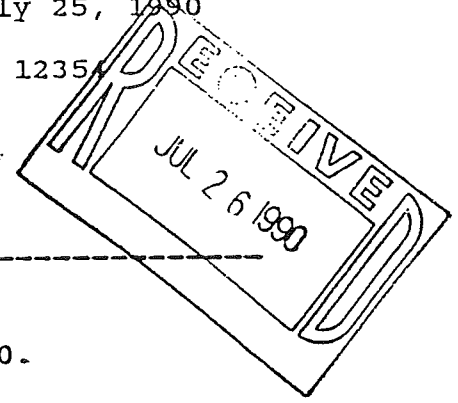
Lab No.: 1235

IDENTIFICATION:

Samples Received on 07-20-90

Project: U2408.01 Unocal Station No. 4511

Client ID: MW5 S2



ANALYSIS:

Halogenated Volatiles Per EPA SW-846 Method 8010.

<u>Contaminant</u>	<u>Concentration (mg/kg) (ppm)</u>
--------------------	------------------------------------

Methylene chloride	< 0.05
1,1-dichloroethylene	< 0.05
1,1-dichloroethane	< 0.05
1,2-transdichloroethylene	< 0.05
1,2-dichloroethane	< 0.05
1,1,1-trichloroethane	< 0.05
Carbon Tetrachloride	< 0.05
1,2-dichloropropane	< 0.05
Trans-1,3-dichloropropene	< 0.05
Trichloroethylene	< 0.05
Cis-1,3-dichloropropene	< 0.05
1,1,2-trichloroethane	< 0.05
Tetrachloroethylene	< 0.05
1,1,2,2-tetrachloroethane	< 0.05
Chlorobenzene	< 0.05
1,2 Dichlorobenzene	< 0.05
1,3 Dichlorobenzene	< 0.05
1,4 Dichlorobenzene	< 0.05
Benzene, ppm	< 0.05
Toluene, ppm	< 0.05
Ethyl Benzene, ppm	< 0.05
Xylenes, ppm	< 0.05

BTEX by EPA SW-846 Method 8020

Total Petroleum Hydrocarbons, ppm by EPA method 418.1	95.0
--	------

SOUND ANALYTICAL SERVICES

 C. LARRY ZURAW

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4630 PACIFIC HIGHWAY EAST, SUITE B-14, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

QUALITY CONTROL REPORT

DUPLICATES

Lab No: 12263
Date: July 18, 1990
Client: Sweet-Edwards

Client ID: MW-4 S-2
Matrix: Soil
Units: ppm

Compound	Sample(S)	Duplicate(D)	RPD*	
Benzene	< 0.05	< 0.05	---	
Toluene	< 0.05	< 0.05	---	
Ethyl Benzene	< 0.05	< 0.05	---	
Xylenes	< 0.05	< 0.05	---	
Total Petroleum Hydrocarbons	65.3	59.0	10.1	

*RPD = relative percent difference
= $[(S - D) / ((S + D) / 2)] \times 100$



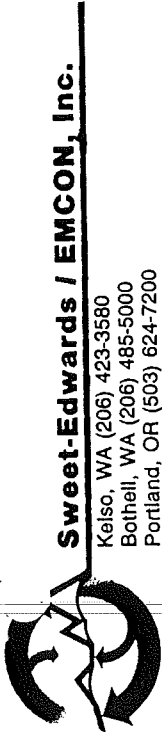
Sweet-Edwards / EMCON, Inc.
Kelso, WA (206) 423-3580
Bothell, WA (206) 485-5000
Portland, OR (503) 624-7200

Chain of Custody / Laboratory Analysis Request

Bell

DATE 7/16/90 PAGE 1 OF 4

PROJECT <u>UNOCAL 4511</u> # <u>U2408.01</u>																				
CLIENT INFO. CONTACT <u>JEFF KURTLAND</u>																				
ADDRESS <u>SE/E Bothell</u>																				
TELEPHONE# <u>485-5000</u>																				
SAMPLERS NAME <u>JEFF KURTLAND</u> PHONE# <u>485-5000</u>																				
SAMPLERS SIGNATURE <u>[Signature]</u>																				
SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE																
1. MW-1 S1	7/13	915		soil																
2. S2		925																		
3. S3		935																		
4. S4		945																		
5. S5		955																		
6. S6			JAK																	
7. MW-2 S1	7/13	1200		soil																
8. S2		1240		soil																
Relinquished By <u>[Signature]</u> Signature Printed Name <u>JEFF KURTLAND</u> Firm <u>SE/E</u> Date/Time <u>7/16/90 045</u>				Relinquished By Signature Printed Name Firm Date/Time																
Received By <u>[Signature]</u> Signature <u>SCIANUS</u> Printed Name <u>SAT</u> Firm Date/Time <u>7-16-90 11:30</u> <u>[Signature]</u>				Received By Signature Printed Name Firm Date/Time																
ANALYSIS REQUESTED				NUMBER OF CONTAINERS																
GC/MS/625/8270	GC/MS/624/8240	HALOGENATED VOLATILE	ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCMP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCMP ORGANICS	pH, COND	ALK	NO ₃ /NO ₂ , Cl	SO ₄	Ca, Mg, Na, K	BTEX 8020	THF, 418.1	OTHER (Specify)		
																X	X			1
																	X	X		1
																		X	X	1
																	X	X		1
																	X	X		1
																	X	X	JAK	1
PROJECT INFORMATION				PROJECT RECEIPT																
COURTNEY				Total No. of Containers																
Shipping I.D. No.				Chain of Custody Seals																
VIA				Received in good condition																
U2408.01				LAB NO.																
Project																				
SPECIAL INSTRUCTIONS/COMMENTS																				
Analyze MW-1 S2; MW-2 S2																				
Archive MW-1 S1, S3, S4, S5																				
MW-2 S2																				
DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.																				



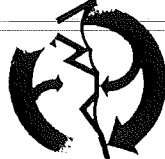
Sweet-Edwards / EMCON, Inc.

Kelso, WA (206) 423-3580
 Bothell, WA (206) 485-5000
 Portland, OR (503) 624-7200

**Chain of Custody /
 Laboratory Analysis Request**

DATE 7/16/90 PAGE 2 OF 4

CLIENT INFO.				ANALYSIS REQUESTED														GENERAL CHEMISTRY (Specify)														OTHER (Specify)					
PROJECT	CONTACT	ADDRESS	TELEPHONE#	SAMPLERS NAME	SAMPLERS SIGNATURE	PHONE#	SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE	BASE/NEU/ACID ORGAN.	GC/MS/825/8270	VOLATILE ORGANICS	GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS	604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH, COND	NO ₃ /NO ₂ , CI	SO ₄	Ca, Mg, Na, K	BTEX 8020	TPH 418.1	NUMBER OF CONTAINERS						
<u>UNOCAL 4511</u>	<u># 02408.01</u>										soil																										
							1. MW-2	53	7/13	1250																											
							2.	54		1300																											
							3.	55		1310																											
							4.	56		1320																											
							5.	57		1600																											
							6. MW-3	51	7/12	1100	soil																										
							7.	52		1110																											
							8.	53		1120																											
Relinquished By <u>Sweet-Edwards & Assoc.</u> Signature <u>[Signature]</u> Printed Name <u>Jeff Kirkland</u> Firm <u>SE/E</u>							Relinquished By Signature Printed Name Firm							PROJECT INFORMATION Shipping I.D. No. <u>Courier</u> VIA <u>W2408.01</u> Project <u>W2408.01</u>														SAMPLE RECEIPT Total No. of Containers Chain of Custody Seals Received in good condition LAB NO.									
Received By <u>Giang</u> Signature <u>[Signature]</u> Printed Name <u>GIANG</u> Firm <u>SPS</u>							Received By Signature Printed Name Firm							SPECIAL INSTRUCTIONS/COMMENTS <u>Analyze: MW-3 S1</u> <u>Archive: MW-2 53, 54, 55, 56, 57</u> <u>MW-3 52, 53</u>																							
Date/Time <u>7-16-90 11:30 AM</u>							Date/Time																														



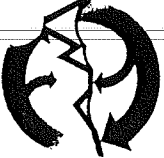
Sweet-Edwards / EMCON, Inc.
 Kelso, WA (206) 423-3580
 Bothell, WA (206) 485-5000
 Portland, OR (503) 624-7200

Chain of Custody / Laboratory Analysis Request

DATE 7/16/90 PAGE 3 OF 4

PROJECT <u>UNOCAL 4511</u> # <u>42408.01</u>	GENERAL CHEMISTRY (Specify) <u>BTEX 8020</u> <u>TPH 418.1</u>	OTHER (Specify)	NUMBER OF CONTAINERS				
CLIENT INFO. CONTACT <u>see log #1</u>	ANALYSIS REQUESTED GC/MS/625/8270 VOLATILE ORGANICS GC/MS/624/8240 HALOGENATED VOLATILE ORGANICS 601/8010 PHENOLICS 604/8040 POLYNUCLEAR AROMATIC 610/8310 TOTAL ORGANIC CARBON (TOC) 415/9060 TOTAL ORGANIC HALIDE (TOX) 9020 EP TOX/TCLP METALS (Circle One) METALS (TOTAL) (See Special Inst.) TCLP ORGANICS PH. COND ALK NO ₃ /NO ₂ , CL SO ₄ Ca, Mg, Na, K						
ADDRESS <u>see log</u>							
TELEPHONE#							
SAMPLERS NAME <u>Jeff Kurland</u> PHONE#							
SAMPLERS SIGNATURE							
SAMPLE I.D.				DATE	TIME	LAB I.D.	TYPE
1. MW-3 S4				7/12	1130		soil
2. S5					1135		↓
3. S6					1140		↓
4. S7					1300		↓
5. MW-4 S1		745		soil			
6. S2		745 750		↓			
7. S3		800		↓			
8. S4		810		↓			
Relinquished By <u>Sweet-Edwards & Assoc.</u> Signature <u>Jeff Kurland</u> Printed Name <u>JEFF KURLAND</u> Firm <u>SRE</u>	Relinquished By Signature Printed Name Firm	Relinquished By Signature Printed Name Firm	Relinquished By Signature Printed Name Firm				
Date/Time <u>7/16/90 845</u>	Date/Time	Date/Time	Date/Time				
Received By <u>Siang</u> Signature <u>Siang</u> Printed Name <u>Siang</u> Firm <u>SRE</u>	Received By Signature Printed Name Firm	Received By Signature Printed Name Firm	Received By Signature Printed Name Firm				
Date/Time <u>7-16-90 11:50</u>	Date/Time	Date/Time	Date/Time				
PROJECT INFORMATION Shipping I.D. No. <u>COURIER</u> Total No. of Containers Chain of Custody Seals Received in good condition LAB NO. <u>42408.01</u>							
SPECIAL INSTRUCTIONS/COMMENTS <u>Analyze MW-4 S2</u> <u>Archive: MW-3 S4 S5 S6 S7</u> <u>MW-4 S1, S3 S4</u>							

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.



Sweet-Edwards / EMCON, Inc.

Kelso, WA (206) 423-3580
Bothell, WA (206) 485-5000
Portland, OR (503) 624-7200

Chain of Custody / Laboratory Analysis Request

DATE 7/16/90 PAGE 4 OF 4

PROJECT <u>WAOCA</u> <u>4511</u> # <u>4240801</u>			ANALYSIS REQUESTED												GENERAL CHEMISTRY (Specify)					OTHER (Specify)				
CLIENT INFO. CONTACT			BASE/NEU/ACID ORGAN.												GC/MS/625/8270									
ADDRESS			VOLATILE ORGANICS												GC/MS/624/8240									
TELEPHONE#			HALOGENATED VOLATILE												ORGANICS 601/8010									
SAMPLERS NAME			PHENOLICS												604/8040									
SAMPLERS SIGNATURE <u>[Signature]</u> PHONE#			POLYNUCLEAR												AROMATIC 610/8310									
SAMPLE I.D.			TOTAL ORGANIC CARBON												(TOC) 415/9060									
DATE			TOTAL ORGANIC HALIDE												(TOX) 9020									
TIME			EP TOX/TCLP METALS												(Circle One)									
LAB I.D.			METALS (TOTAL)												(See Special Inst.)									
TYPE			TCLP ORGANICS												PH. COND									
1. MW-4 55			SO ₄												NO ₃ /NO ₂ , Cl									
2. 56			Ca, Mg, Na, K												BTEX 8020									
3. 57			TPH 418.1																					
4. 59																								
5.																								
6.																								
7.																								
8.																								
Relinquished By Sweet, Edwards & Assoc.			Relinquished By												PROJECT INFORMATION					SAMPLE RECEIPT				
Signature <u>[Signature]</u>			Signature												Shipping I.D. No.					Total No. of Containers				
Printed Name <u>Jeff Kirtland</u>			Printed Name												VIA					Chain of Custody Seals				
Firm <u>SE/R</u>			Firm												Project					Received in good condition				
Date/Time <u>7/16/90 0845</u>			Date/Time												SPECIAL INSTRUCTIONS/COMMENTS					LAB NO.				
Received By <u>[Signature]</u>			Received By												Analyze Archive? MW-4 55, 56, 57, 59									
Signature <u>[Signature]</u>			Signature																					
Printed Name <u>[Signature]</u>			Printed Name																					
Firm <u>SAS</u>			Firm																					
Date/Time <u>7-16-90 11:30 AM</u>			Date/Time																					

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4630 PACIFIC HIGHWAY EAST, SUITE B-14, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: Sweet-Edwards

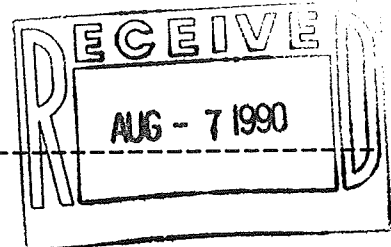
Date: August 3, 1990

Report On: Analysis of Water

Lab No.: 12535

IDENTIFICATION:

Samples Received on 08-01-90
 Project: U2408.01 Unocal Belle
 Unocal Station No. 4511



ANALYSIS:

ACTION COPY

Lab Sample No.	1	2	3	4
Client Identification	U4511 79-1	U4511 79-2	U4511 79-3	U4511 79-4
Matrix/Units	Water ppm	Water ppm	Water ppm	Water ppm
Benzene	< 0.001	< 0.001	0.003	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001
Ethyl Benzene	< 0.001	< 0.001	0.015	< 0.001
Xylenes	< 0.001	< 0.001	0.014	< 0.001
BTEX by EPA SW-846 Method 8020				
Total Petroleum Hydrocarbons by EPA Method 418.1	< 1.0	< 1.0	< 1.0	< 1.0

SOUND ANALYTICAL SERVICES

C. Larry Zuraw
 C. LARRY ZURAW

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4630 PACIFIC HIGHWAY EAST, SUITE B-14, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

QUALITY CONTROL REPORT

DUPLICATES

Lab No: 12535
Date: August 3, 1990
Client: Sweet-Edwards

Client ID: U4511 79-4
Matrix: Water
Units: ppm

Compound	Sample(S)	Duplicate(D)	RPD*	
Benzene	< 0.001	< 0.001	---	
Toluene	< 0.001	< 0.001	---	
Ethyl Benzene	< 0.001	< 0.001	---	
Xylenes	< 0.001	< 0.001	---	
Total Petroleum Hydrocarbons	< 1.0	< 1.0	---	

*RPD = relative percent difference
= $[(S - D) / ((S + D) / 2)] \times 100$



Sweet-Edwards / EMCON, Inc.
 Kelso, WA (206) 423-3580
 Bothell, WA (206) 485-5000
 Portland, OR (503) 624-7200

Chain of Custody / Laboratory Analysis Request

DATE 8/1/90 PAGE 1 OF 1

PROJECT				ANALYSIS REQUESTED												GENERAL CHEMISTRY (Specify)				OTHER (Specify)				
CLIENT INFO.				GC/MS/625/8270	GC/MS/624/8240	HALOGENATED VOLATILE	ORGANICS 601/8010	PHENOLICS	604/8040	POLYNUCLEAR	AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	pH, COND	ALK	NO ₃ /NO ₂ , Cl	SO ₄	Ca, Mg, Na, K	BTEX 602	TPH 418.1	NUMBER OF CONTAINERS
ADDRESS				BASE/NEU/ACID ORGAN.	GC/MS/624/8240	HALOGENATED VOLATILE	ORGANICS 601/8010	PHENOLICS	604/8040	POLYNUCLEAR	AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	pH, COND	ALK	NO ₃ /NO ₂ , Cl	SO ₄	Ca, Mg, Na, K	BTEX 602	TPH 418.1	NUMBER OF CONTAINERS
PROJECT <u>UNOCAL 4511 Belle # U2408.01</u>																								
CLIENT INFO. <u>Jeff Kurland</u>																								
CONTACT <u>SE/E Bothell</u>																								
ADDRESS <u>485-5000</u>																								
TELEPHONE# <u>485-5000</u>																								
SAMPLERS NAME <u>Jeff Kurland</u>																								
SAMPLERS SIGNATURE <u>[Signature]</u>																								
SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE																				
1. UHS11-F9-1	8/1/90	800		water																				
2. -2	8/1/90	830																						
3. -3	8/2/90	1520																						
4. -4	8/1/90	900																						
5.																								
6.																								
7.																								
8.																								
Relinquished By Sweet, Edwards & Assoc.				Relinquished By				Relinquished By				PROJECT INFORMATION				SAMPLE RECEIPT								
Signature <u>[Signature]</u>				Signature				Signature				COURIER				Total No. of Containers								
Printed Name <u>Jeff Kurland</u>				Printed Name				Printed Name				Shipping I.D. No.				Chain of Custody Seals								
Firm <u>SE/E</u>				Firm				Firm				VIA				Received in good condition								
Date/Time <u>8/1/90 1100</u>				Date/Time				Date/Time				U2408.01				LAB NO.								
Received By <u>[Signature]</u>				Received By				Received By				SPECIAL INSTRUCTIONS/COMMENTS												
Signature <u>[Signature]</u>				Signature				Signature				Report Jobs Separately												
Printed Name <u>David Ann Gyn...</u>				Printed Name				Printed Name																
Firm <u>8/1/90 2:30pm</u>				Firm				Firm																
Date/Time				Date/Time				Date/Time																

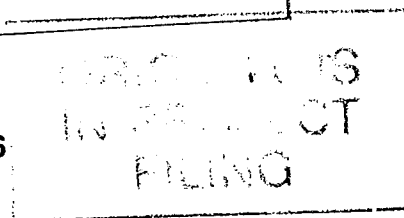
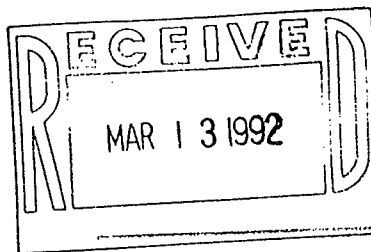
Appendix B

**LABORATORY MEASUREMENT OF PETROLEUM
HYDROCARBONS AND ANALYTICAL CHEMISTRY DATA**



March 12, 1992

John North
EMCON Northwest
18912 N Creek Parkway
Suite 210
Bothell, WA 98011



Re: UNOCAL #4511/Project #U24-08.03/B920116

Dear John:

Enclosed are the results of the rush samples submitted to our lab on March 2, 1992. Preliminary results were transmitted via facsimile on March 9, 1992. For your reference, these analyses have been assigned our work order number K921337B.

All analyses were performed in accordance with our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in cursive script that reads "Colin B. Elliott".

Colin B. Elliott
Senior Project Chemist

CBE/das

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: UNOCAL #4511
Sample Matrix: Soil

Date Received: 03/02/92
Date Extracted: 03/04/92
Work Order #: K921337B

Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080
mg/Kg (ppm)
Dry Weight Basis

Sample Name: SPILE 1 SPILE 2 SPILE 3
Lab Code: K1337-1 K1337-2 K1337-3
Date Analyzed: 03/07/92 03/07/92 03/07/92

Analyte	MRL			
Aroclor 1016	1	ND	ND	ND
Aroclor 1221	1	ND	ND	ND
Aroclor 1232	1	ND	ND	ND
Aroclor 1242	1	ND	ND	ND
Aroclor 1248	1	ND	ND	ND
Aroclor 1254	1	ND	ND	ND
Aroclor 1260	1	ND	ND	ND
Total Aroclors	1	ND	ND	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Alvin Elliott Date 3/12/92

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: UNOCAL #4511
Sample Matrix: Soil

Date Extracted: 03/04/92
Work Order #: K921337B

Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080
mg/Kg (ppm)
Dry Weight Basis

Sample Name:
Lab Code:
Date Analyzed:

Method Blank
K1337-MB
03/07/92

Analyte	MRL	
Aroclor 1016	1	ND
Aroclor 1221	1	ND
Aroclor 1232	1	ND
Aroclor 1242	1	ND
Aroclor 1248	1	ND
Aroclor 1254	1	ND
Aroclor 1260	1	ND
Total Aroclors	1	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by

Cheri Elliott

Date 3/12/92

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: UNOCAL #4511
Sample Matrix: Soil

Date Received: 03/02/92
Date Extracted: 03/04/92
Date Analyzed: 03/05/92
Work Order #: K921337B

**Polynuclear Aromatic Hydrocarbons
 EPA Methods 3540/8310
 mg/Kg (ppm)
 Dry Weight Basis**

	Sample Name: Lab Code:	SPILE 1 K1337-1	SPILE 2 K1337-2	SPILE 3 K1337-3
Analyte	MRL			
Naphthalene	0.1	ND	ND	ND
Acenaphthene	0.1	ND	ND	ND
Acenaphthylene	0.1	ND	ND	ND
Fluorene	0.02	ND	ND	ND
Phenanthrene	0.01	0.03	ND	ND
Anthracene	0.01	ND	ND	ND
Fluoranthene	0.02	0.08	ND	0.02
Pyrene	0.02	0.12	ND	0.03
Benz(a)anthracene	0.01	ND	ND	ND
Chrysene	0.01	ND	ND	ND
Benzo(b)fluoranthene	0.02	0.04	ND	ND
Benzo(k)fluoranthene	0.01	0.03	ND	ND
Benzo(a)pyrene	0.01	0.04	ND	ND
Dibenz(a,h)anthracene	0.01	ND	ND	ND
Benzo(g,h,i)perylene	0.02	0.09	ND	ND
Indeno(1,2,3-cd)pyrene	0.01	0.04	ND	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Colin Elliott Date 3/12/92

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: UNOCAL #4511
Sample Matrix: Soil

Date Extracted: 03/04/92
Date Analyzed: 03/05/92
Work Order #: K921337B

Polynuclear Aromatic Hydrocarbons
EPA Methods 3540/8310
mg/Kg (ppm)
Dry Weight Basis

Sample Name:
Lab Code:

Method Blank
K1337-MB

Analyte	MRL	
Naphthalene	0.1	ND
Acenaphthene	0.1	ND
Acenaphthylene	0.1	ND
Fluorene	0.02	ND
Phenanthrene	0.01	ND
Anthracene	0.01	ND
Fluoranthene	0.02	ND
Pyrene	0.02	ND
Benz(a)anthracene	0.01	ND
Chrysene	0.01	ND
Benzo(b)fluoranthene	0.02	ND
Benzo(k)fluoranthene	0.01	ND
Benzo(a)pyrene	0.01	ND
Dibenz(a,h)anthracene	0.01	ND
Benzo(g,h,i)perylene	0.02	ND
Indeno(1,2,3-cd)pyrene	0.01	ND

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by

Colum - Elliott

Date 3/12/92

APPENDIX A
LABORATORY QC RESULTS

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: UNOCAL #4511
Sample Matrix: Soil

Date Received: 03/02/92
Date Extracted: 03/04/92
Date Analyzed: 03/07/92
Work Order #: K921337B

QA/QC Report
Surrogate Recovery Summary
Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080

Sample Name	Lab Code	Percent Recovery Decachlorobiphenyl
SPILE 1	K1337-1	93
SPILE 2	K1337-2	99
SPILE 3	K1337-3	94
SPILE 3	K1337-3MS	99
SPILE 3	K1337-3DMS	103
Method Blank	K1337-MB	99

CAS Acceptance Criteria 66-132

Approved by

Colin Elliott

Date

3/12/92

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: UNOCAL #4511
Sample Matrix: Soil

Date Received: 03/02/92
Date Extracted: 03/04/92
Date Analyzed: 03/07/92
Work Order #: K921337B

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 Polychlorinated Biphenyls (PCBs)
 EPA Methods 3540/8080
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: SPILE 3
Lab Code: K1337-3

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		EPA Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
	Aroclor 1260	1.5		1.4	ND	1.4	1.4		

ND None Detected at or above the method reporting limit

Approved by _____

Alan Elliott

Date

3/12/92

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: UNOCAL #4511
Sample Matrix: Soil

Date Received: 03/02/92
Date Extracted: 03/04/92
Date Analyzed: 03/05/92
Work Order #: K921337B

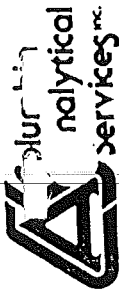
**QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 Polynuclear Aromatic Hydrocarbons
 EPA Methods 3540/8310
 mg/Kg (ppm)
 Dry Weight Basis**

Sample Name: SPILE 3
Lab Code: K1337-3

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		EPA Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
	Acenaphthene	0.73		0.73	ND	0.47	0.42		
Fluoranthene	0.15	0.15	ND	0.14	0.12	93	80	40-130	15
Benzo(a)pyrene	0.07	0.07	ND	0.05	0.05	71	71	40-130	<1

ND None Detected at or above the method reporting limit

Approved by *Alan Elliott* Date 3/12/92



1317 South 13th Ave. • Kelso, WA 98626 • (206) 577-7222, FAX (206) 636-1068

PROJECT NAME: UNCCAL 4511 # U24-08.03
 PROJECT MNGR: JOHN NORTH
 COMPANY/ADDRESS: EMCON NW, INC.
 18912 NORTH CREEK PKWY, SUITE 206
 ZIO, BOTHELL, WA 98011 PHONE: 425-500-5000
 SAMPLERS SIGNATURE: *John North*

ANALYSIS REQUESTED

Base/Neu/Acid Organics GC/MS 625/6270	
Volatile Organics GC/MS 624/6240	
Halogenated or Aromatic Volatiles 601/6010	
Pesticides/PCBs 602/6020	
Total Petroleum Hydrocarbons EPA 418.1	
TPH Gas/BTEX 5030/8015/8020	
Gas BTEX	
TPH 8015 Modified Diesel	
TPH-HCID	
TCP	
Metals VOA VOA Herb	
Metals (total or dissolved) Lst Below	
Cyanide	
pH, Cond, Cl, SO ₄ , PO ₄ , F, Br	
NO ₂ , NO _x (circle)	
NH ₃ -N, COD, Total P, TKN, TOC (circle)	
Total Organic Halides (TOX) 9020	

NUMBER OF CONTAINERS

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	REMARKS
BHOISE	2-28	1030		SOIL	
SHOISN	2-28	1120		SOIL	
SPILE1	3-2	1305		SOIL	ASSUME SAMPLE IS HOT (PID)
SPILE2	3-2	1310		SOIL	ASSUME SAMPLE IS HOT (PID)
SPILE3	3-2	1315		SOIL	11
WHOEXB	3-2	1340		SOIL	* SEE BELOW
WIHOISB	3-2	1430		SOIL	* SEE BELOW
SDWELW	3-2	1500		SOIL	
WDWELB	3-2	1530		SOIL	

RECEIVED BY: *[Signature]*
 Signature: *[Signature]*
 Printed Name: *[Name]*
 Firm: EMCON NW
 Date/Time: 3-2-92 17:00

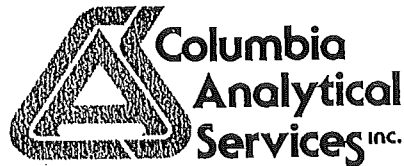
TURNAROUND REQUIREMENTS:
 24 hr 48 hr 5 day
 Standard (~10-15 working days)
 Provide Verbal Preliminary Results
 Provide FAX Preliminary Results
 Requested Report Date

REPORT REQUIREMENTS:
 I. Routine Report
 II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
 III. Data Validation Report (includes All Raw Data)
 IV. CLP Deferable Report

INVOICE INFORMATION:
 P.O. #
 Bill to:
 Shipping VUL
 Shipping #:
 Condition:
 Lab No.: B92-0116

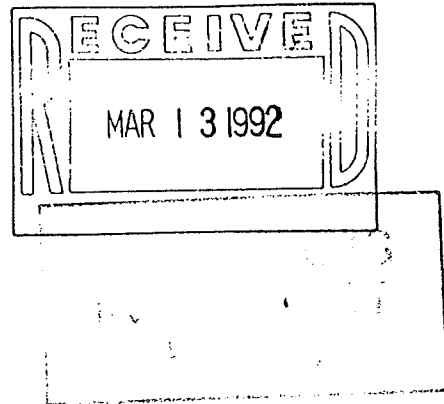
RECEIVED BY: *[Signature]*
 Signature: *[Signature]*
 Printed Name: *[Name]*
 Firm: 3/4/92 1000
 Date/Time

SPECIAL INSTRUCTIONS/COMMENTS:
 * TALK TO JOHN NORTH BEFORE RUNNING THESE SAMPLES. HOLD PER JN 3/3/92



March 11, 1992

John North
EMCON Northwest
18912 N Creek Parkway
Suite 210
Bothell, WA 98011



Re: Unocal 4511 - Bellevue/Project #U24-08.03

Dear John:

Enclosed are the results of the samples submitted to our Bothell laboratory on March 2, 1992. Preliminary results were given on March 9, 1992. For your reference, this work has been assigned our service request number B920116.

All analyses were performed in accordance with both Washington State Department of Ecology Accreditation procedures and our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in black ink, appearing to read "MCHiggins", with a long horizontal line extending to the right.

Michael C. Higgins
Project Manager

MCH/bdr

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 03/02/92
Date Extracted: 03/04/92
Date Analyzed: 03/06/92
Work Order #: B920116

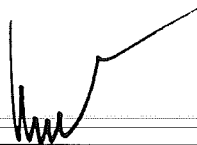
QA/QC Report
Surrogate Recovery Summary
Hydrocarbon Scan
EPA Methods 3550/Modified 8015

Sample Name	Lab Code	Percent Recovery <i>p</i> -Terphenyl
BHOISE	B0116-1	100
SHOISE	B0116-2	95
SPILE1	B0116-3	100
SPILE2	B0116-4	*53
SPILE3	B0116-5	92
WHOISB	B0116-7	99
BHOISE	B0116-1MS	98
BHOISE	B0116-1DMS	96
Laboratory Control Sample	B0116-LCS	102
Method Blank	B0116-MB	101

CAS Acceptance Criteria 64-123

* Outside acceptance limits, 95 % confidence level (2s), but within 99 % confidence level (3s).

Approved by



Date

920311

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

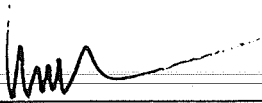
Date Received: 03/02/92
Date Extracted: 03/04/92
Date Analyzed: 03/06/92
Work Order #: B920116

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary
Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name: BHOISE
Lab Code: B0116-1

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Diesel	175	183	ND	179	185	102	101	45-120	<1

ND None Detected at or above the method reporting limit

Approved by 

Date 920311

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil


Date Extracted: 03/04/92
Date Analyzed: 03/06/92
Work Order #: B920116

QA/QC Report
Laboratory Control Sample
Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name: Laboratory Control Sample

Analyte	Spike Level	Spike Result	Percent Recovery	EPA Acceptance Criteria
Diesel	200	218	109	--

Approved by



Date

9/20/31



1317 South 13th Ave. • Kelso, WA 98626 • (206) 571-7222, FAX (206) 636-1068

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUIRED FORM

DATE 3-2-92 PAGE 1 OF 1

PROJECT NAME UNOCAL 4511 JOHN NORTH
 PROJECT MGR. JOHN NORTH
 COMPANY/ADDRESS EMCON NW, INC.
18912 NORTH CREEK PKWY, SUITE
Z10, BOTHELL WA 98011 PHONE 206-425-5000
 SAMPLER SIGNATURE [Signature]

ANALYSIS REQUESTED	NUMBER OF CONTAINERS
GCMS 625/6270 Volatile Organics	
GCMS 624/6240 Halogenated or Aromatic Volatiles	
601/8010 Perchlorates PCBs	
608/8080 Total Petroleum Hydrocarbons	
EPA 418.1 Oregon 418.1	
TPH/Gas/BTEX/5030/8015/8020	
Gas BTEX	
TPH/8015 Modified Diesel	
TPH-HCID	
TCP	
Metals (Total or dissolved)	
Mercury (Total or dissolved)	
Semi Permeable	
Crude Oil	
PH Cond. Cl. SO ₄ PO ₄ F. Br	
NO ₂ NO _x (color)	
NH ₄ -N, CO ₂ , Total P, TRN, TOC (color)	
Total Organic Halides (TOX) 8020	

SAMPLE ID.	DATE	TIME	LAB ID.	SAMPLE MATRIX	REMARKS
BHOSE	2-28	1030		SOIL	
SHOISN	2-28	1120		SOIL	
SPILE1	3-2	1305		SOIL	ASSUME SAME IS HELIX
SPILE2	3-2	1310		SOIL	ASSUME SAME IS HELIX
SPILE3	3-2	1315		SOIL	ASSUME SAME IS HELIX
WHOEXB	3-2	1340		SOIL	* SEE BELOW
WHOXB	3-2	1430		SOIL	* SEE BELOW
SDWELLN	3-2	1500		SOIL	* SEE BELOW
WDWELLS	3-2	1530		SOIL	* SEE BELOW

RELINQUISHED BY: [Signature]
 Signature: [Signature]
 Printed Name: JOHN NORTH
 Firm: EMCON NW
 Date/Time: 3-2-92 17:00

RECEIVED BY: [Signature]
 Signature: [Signature]
 Printed Name: [Signature]
 Firm: [Signature]
 Date/Time: [Signature]

TURNAROUND REQUIREMENTS:
 24 hr 48 hr 5 day
 Standard (-10-15 working days)
 Provides Verbal Preliminary Results
 Provides FAX Preliminary Results
 Requested Report Date _____

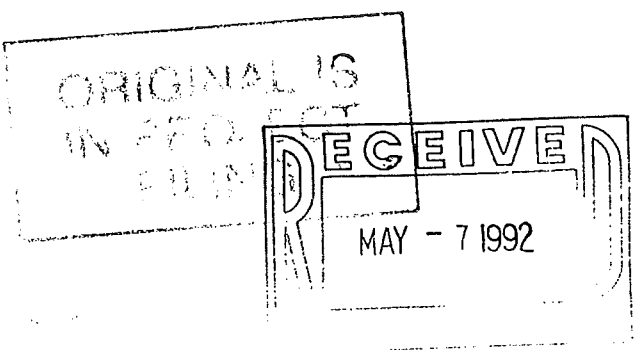
REPORT REQUIREMENTS:
 I. Routine Report
 II. Report (includes DUP JMS, MSD, as required, may be changed as examples)
 III. Data Validation Report (includes All Hour Data)
 IV. CLP Deletable Report

INVOICE INFORMATION:
 P.O. # _____
 Bill to: _____
 Shipping V# _____
 Shipping # _____
 Condition _____
 Lab No.: B92-016

SPECIAL INSTRUCTIONS/COMMENTS:
 * TALK TO JOHN NORTH BEFORE RUNNING THESE SAMPLES. HOLD PER JN 3/5/92



May 5, 1992



John North
EMCON Northwest
18912 N Creek Parkway
Suite 210
Bothell, WA 98011

Re: Unocal #4511 - Bellevue/Project #U24-08.02

Dear John:

Enclosed are the results of the samples submitted to our Bothell laboratory on April 22, 1992. For your reference, this service request has been assigned our work order number B920197.

All analyses were performed in accordance with both Washington State Department of Ecology Accreditation procedures and our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Michael C. Higgins
Laboratory Manager

MCH/bdr

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: Unocal #4511 - Bellevue
Sample Matrix: Soil

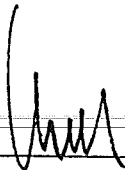
Date Collected: 04/21/92
Date Received: 04/22/92
Date Extracted: 04/24/92
Date Analyzed: 04/30/92
Work Order No.: B920197

Total Petroleum Hydrocarbons as Diesel and Oil
Washington DOE Method WTPH-D
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Diesel	MRL	Oil*
			Result		Result
BASE-0421-01	B0197-1	25	ND	100	ND
WWALL13-0421-02	B0197-2	25	ND	100	ND
WWALL17-0421-03	B0197-3	25	ND	100	ND
NWALL-0421-04	B0197-4	25	ND	100	ND
Method Blank	B0197-MB	25	ND	100	ND

* Quantified using 30-weight motor oil as a standard.
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by



Date

9/20/05

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: EMCON Northwest
Project: Unocal #4511 - Bellevue
Sample Matrix: Soil

Date Collected: 04/21/92
Date Received: 04/22/92
Date Extracted: 04/24/92
Date Analyzed: 04/30/92
Work Order No.: B920197

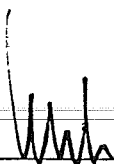
Surrogate Recovery Summary
Total Petroleum Hydrocarbons as Diesel and Oil
Washington DOE Method WTPH-D

Sample Name	Lab Code	Percent Recovery <i>p</i> -Terphenyl
BASE-0421-01	B0197-1	91
WWALL13-0421-02	B0197-2	91
WWALL17-0421-03	B0197-3	91
NWALL-0421-04	B0197-4	95
NWALL-0421-04	B0197-4Dup	98
NWALL-0421-04	B0197-4MS	91
Laboratory Control Sample	B0197-LCS	92
Method Blank	B0197-MB	94

CAS Acceptance Criteria

50-114

Approved by



Date

9/20/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: EMCON Northwest
Project: Unocal #4511 - Bellevue
Sample Matrix: Soil

Date Collected: 04/21/92
Date Received: 04/22/92
Date Extracted: 04/24/92
Date Analyzed: 04/30/92
Work Order No.: B920197

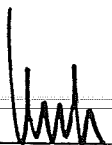
Duplicate Summary
Total Petroleum Hydrocarbons as Diesel and Oil
Washington DOE Method WTPH-D
mg/Kg (ppm)
Dry Weight Basis

Sample Name: NWALL-0421-04
Lab Code: B0197-4

Analyte	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference
Diesel	25	ND	ND	--	--
Oil	100	ND	ND	--	--

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by



Date

9/20/05

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: EMCON Northwest
Project: Unocal #4511 - Bellevue
Sample Matrix: Soil

Date Collected: 04/21/92
Date Received: 04/22/92
Date Extracted: 04/24/92
Date Analyzed: 04/30/92
Work Order No.: B920197

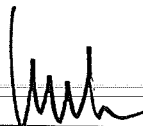
Matrix Spike Summary
Total Petroleum Hydrocarbons as Diesel and Oil
Washington DOE Method WTPH-D
mg/Kg (ppm)
Dry Weight Basis

Sample Name: NWALL-0421-04
Lab Code: B0197-4

Analyte	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
Diesel	167	ND	140	84	41-136

ND None Detected at or above the method reporting limit

Approved by



Date

9/20/05

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

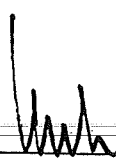
Client: EMCON Northwest
Project: Unocal #4511 - Bellevue
LCS Matrix: Soil

Date Extracted: 04/24/92
Date Analyzed: 04/30/92
Work Order No.: B920197

Laboratory Control Sample Summary
Total Petroleum Hydrocarbons as Diesel and Oil
Washington DOE Method WTPH-D
mg/Kg (ppm)

Analyte	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
Diesel	200	171	86	41-136

Approved by



Date

9/20/05



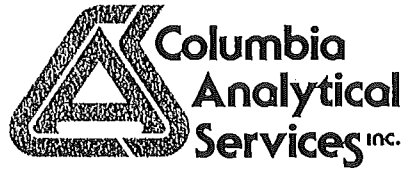
COLUMBIA ENVIRONMENTAL SERVICES ANALYSIS REPORT FORM

1317 South 13th Ave. • Kelso, WA 98626 • (206) 577-7222, FAX (206) 636-1068

DATE 4-21-92 PAGE 1 OF 1

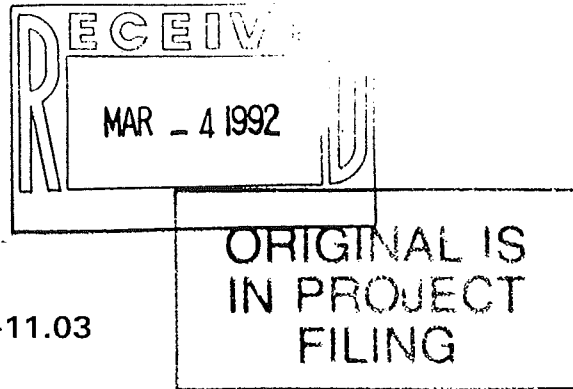
PROJECT INFORMATION				ANALYSIS REQUESTED					
PROJECT NAME: <u>UNOCAL #511 * 124-08.02</u>				<input type="checkbox"/> Total Petroleum Hydrocarbons <input type="checkbox"/> EPA 418.1 <input type="checkbox"/> TPH Gas/BTEX 500/8015/8020 <input type="checkbox"/> TPH/8015 Modified <input type="checkbox"/> Diesel <input type="checkbox"/> TPH-HCD <input type="checkbox"/> TCLP <input type="checkbox"/> Metals (Total or dissolved) <input type="checkbox"/> VOA <input type="checkbox"/> Herb <input type="checkbox"/> Semi Pest <input type="checkbox"/> Cyanide <input type="checkbox"/> pH, Cond, Cl, SO4, PO4, F, Br <input type="checkbox"/> NO2 NOx (circle) <input type="checkbox"/> NH-N, COD, Total-P, TKN, TOC (circle) <input type="checkbox"/> Total Organic Halides (TOX) 9020					
PROJECT MGR: <u>John North</u>				REMARKS					
COMPANY/ADDRESS: <u>EMCON NW</u>									
SAMPLERS SIGNATURE: <u>Brian S. Carl</u> PHONE: <u>485-5800</u>									
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	TURNAROUND REQUIREMENTS:	REPORT REQUIREMENTS:	INVOICE INFORMATION:	SAMPLE RECEIPT:	
<u>BASE-0421-01</u>	<u>1/315</u>			<u>Soil</u>	<u>48 hr</u> <input checked="" type="checkbox"/> <u>5 day</u>	<u>I. Routine Report</u>	P.O. # _____ Bill to: _____	Shipping Via: _____ Shipping #: _____ Condition: _____ Lab No.: <u>B92-0197</u>	
<u>WYALL-0421-02</u>	<u>1/410</u>			<u>↓</u>	<u>Standard (~10-15 working days)</u>	<u>II. Report (includes DUP MS, MSD, as required, may be charged as samples)</u>			
<u>WYALL-0421-03</u>	<u>1/415</u>			<u>↓</u>	<u>Provide Verbal Preliminary Results</u>	<u>III. Data Validation Report (includes All Raw Data)</u>			
<u>WYALL-0421-04</u>	<u>1/455</u>			<u>↓</u>	<u>Provide FAX Preliminary Results</u>	<u>IV. CLP Deliverable Report</u>			
REINQUISHED BY: <u>Brian S. Carl</u> RECEIVED BY: <u>David Maurer</u>									
Signature: _____				Signature: _____					
Printed Name: <u>Brian S. Carl</u>				Printed Name: <u>David Maurer</u>					
Firm: <u>EMCON NW</u>				Firm: <u>Columbia Analytical</u>					
Date/Time: <u>4-21-92 1800</u>				Date/Time: <u>4-22-92 8:00</u>					
REINQUISHED BY:				RECEIVED BY:					
Signature: _____				Signature: _____					
Printed Name: _____				Printed Name: _____					
Firm: _____				Firm: _____					
Date/Time: _____				Date/Time: _____					

2



March 4, 1992

John North
EMCON Northwest
18912 N Creek Parkway
Suite 210
Bothell, WA 98011



Re: Unocal 4511 - Bellevue/Project #U24-11.03

Dear John:

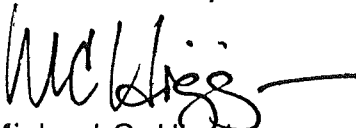
Enclosed are the results of the samples submitted to our Bothell laboratory on February 18, 1992. Preliminary results were given on February 19, 1992. For your reference, this work has been assigned our service request number B920084.

All analyses were performed in accordance with both Washington State Department of Ecology Accreditation procedures and our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.


Michael C. Higgins
Project Manager

MCH/bdr

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 02/18/92
Date Extracted: 02/18/92
Work Order #: B920084

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	SS-2	SS-3	SS-4
Lab Code:	B0084-1	B0084-2	B0084-3
Date Analyzed:	02/18/92	02/18/92	02/18/92

Analyte	MRL			
Benzene	0.05	ND	0.19	0.26
Toluene	0.05	0.43	2.63	2.90
Ethylbenzene	0.05	0.53	3.91	3.71
Total Xylenes	0.05	4.84	20.6	20.9
TPH as Gasoline	1	202	541	481

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by



Date

920226

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 02/18/92
Date Extracted: 02/18/92
Work Order #: B920084

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	SS-5	NPUMPE	NPUMPW
Lab Code:	B0084-4	B0084-5	B0084-6
Date Analyzed:	02/18/92	02/18/92	02/18/92

Analyte	MRL			
Benzene	0.05	1.13	ND	ND
Toluene	0.05	11.0	ND	ND
Ethylbenzene	0.05	7.90	ND	ND
Total Xylenes	0.05	26	0.06	ND
TPH as Gasoline	1	900	1	ND

TPH Total Petroleum Hydrocarbons

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by



Date

9/20/26

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 02/18/92
Date Extracted: 02/18/92
Work Order #: B920084

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:
Lab Code:
Date Analyzed:

Method Blank
B0084-MB
02/18/92

Analyte	MRL	
Benzene	0.05	ND
Toluene	0.05	ND
Ethylbenzene	0.05	ND
Total Xylenes	0.05	ND
TPH as Gasoline	1	ND

TPH Total Petroleum Hydrocarbons

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by



Date

9/20/2016

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 02/18/92
Date Extracted: 02/18/92
Date Analyzed: 02/19/92
Work Order #: B920084

Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Gasoline	Diesel	Other [♦]
OH20	B0084-7	10	ND	ND	ND
Method Blank	B0084-MB	10	ND	ND	ND

MRL Method Reporting Limit

♦ Quantitated using 30-wt. motor oil as a standard. The MRL for this product is four times the listed MRL.

ND None Detected at or above the method reporting limit

Approved by



Date

9/20/2026

APPENDIX A
LABORATORY QC RESULTS


COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 02/18/92
Date Extracted: 02/18/92
Date Analyzed: 02/19/92
Work Order #: B920084

QA/QC Report
Surrogate Recovery Summary
Hydrocarbon Scan
EPA Methods 3550/Modified 8015

Sample Name	Lab Code	Percent Recovery <i>p</i> -Terphenyl
OH20	B0084-7	101
Laboratory Control Sample	B0084-LCS	102
Method Blank	B0084-MB	104
	CAS Acceptance Criteria	64-123

Approved by 

Date 920226

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

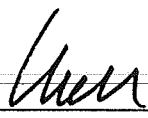
Date Received: 02/18/92
Date Extracted: 02/18/92
Date Analyzed: 02/19/92
Work Order #: B920084

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary
Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name: Batch QC
Lab Code: B0078-2

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Diesel	256	257	ND	259	254	101	99	45-120	2

ND None Detected at or above the method reporting limit

Approved by  Date 9/20/2016

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Water

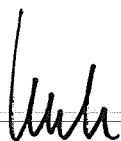
Date Extracted: 02/18/92
Date Analyzed: 02/19/92
Work Order #: B920084

QA/QC Report
Laboratory Control Sample
Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name: Laboratory Control Sample

Analyte	Spike Level	Spike Result	Percent Recovery	EPA Acceptance Criteria
Diesel	200	201	101	--

Approved by



Date

920226

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 02/18/92
Date Extracted: 02/18/92
Date Analyzed: 02/18/92
Work Order #: B920084

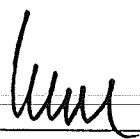
QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
SS-2	B0084-1	114
SS-3	B0084-2	108
SS-4	B0084-3	119
SS-5	B0084-4	111
SS-5	B0084-4MS	113
SS-5	B0084-4DMS	113
NPUMPE	B0084-5	121
NPUMPW	B0084-6	112
Method Blank	B0084-MB	109

CAS Acceptance Criteria 50-130

TPH Total Petroleum Hydrocarbons

Approved by



Date

9/20/226

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

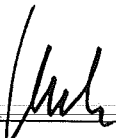
Date Received: 02/18/92
Date Extracted: 02/18/92
Date Analyzed: 02/18/92
Work Order #: B920084

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 BTEX
 EPA Methods 5030/8020
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: SS-5
Lab Code: B0084-4

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Benzene	0.903	0.896	1.13	1.93	1.99	89	96	39-150	8
Toluene	0.903	0.896	11.0	13.04	11.7	226	78	46-148	NA
Ethylbenzene	0.903	0.896	7.90	10.04	8.34	237	49	32-160	NA

ND None Detected at or above the method reporting limit
NA Not Applicable because of the sample matrix. Accuracy of spike recovery value is reduced since the sample concentration was greater than ten times the amount spiked.

Approved by  Date 9/20/26



1317 South 13th Ave. • Kelso, WA 98626 • (206) 577-7222, FAX (206) 636-1068

CHAI)FCUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE 2-17-92 PAGE 1 OF 1

PROJECT NAME UNOCAL 4511 # U24-08.03
 PROJECT MGR JOHN NORTH
 COMPANY/ADDRESS EMCON NW, INC.
18912 NORTH CREEK PKWY SUITE
210, BOTHELL, WA 98011 206 485-5000
 SAMPLERS SIGNATURE John T. B...

ANALYSIS REQUESTED	NUMBER OF CONTAINERS
Base/Neu Acid Organics 625/6270	
Volatiles Organics 624/6240	
Halogenated or Aromatic Volatiles 602/6020	
Perfluorinated Compounds 602/6020	
Total Petroleum Hydrocarbons 602/6020	
TPH Gas/BTEX 602/6020	
TPH Gas/BTEX Modified 602/6020	
Diesel 602/6020	
TPH-HCD	
Metals (Total or dissolved)	
Metals (Total or dissolved) Semi. Pest	
Metals (Total or dissolved) Herb	
Cyanide	
pH Cond. Cl. SO ₄ PO ₄ F. Br	
NH ₃ -N, CO ₂ , Total P, TKN, TOC (circle)	
Total Organic Halides (TOX) 9020	

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	REMARKS
* 55-2	2-17-92	1130	1	SOIL	
* 55-3	2-17	1145	2	SOIL	
* 55-4	2-17	1200	3	SOIL	
* 55-5	2-17	1235	4	SOIL	
NPUMPE	2-17	1550	5	SOIL	
NPUMPW	2-17	1540	6	SOIL	
OHZO	2-17	1430	7	SOIL	
					TOP METALS ONLY

RECEIVED BY: _____

RELINQUISHED BY: John Bertrand
 Signature: _____
 Printed Name: EMCON NW INC
 Date/Time: 2-18-92 8:00AM

TURNAROUND REQUIREMENTS:
 24 hr
 48 hr
 5 day
 Standard (~ 10-15 working days)
 Provide Verbal Preliminary Results
 Provide FAX Preliminary Results
 Requested Report Date _____

REPORT REQUIREMENTS:
 I. Routine Report
 II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
 III. Data Validation Report (includes All Raw Data)
 IV. CLP Deformable Report

INVOICE INFORMATION:
 P.O. # _____
 Bill to: _____
 Shipping VIA: _____
 Shipping #: _____
 Condition: _____
 Lab No.: 892-CO81

SPECIAL INSTRUCTIONS/COMMENTS:
* 24HR TAT
ALL OTHERS HOLD TOP PENDING 4015 (200 RESULTS)
NOEM STAT 2/18
PCB'S ONLY ON 800
on samples 1-6)

RECEIVED BY: _____
 Signature: _____
 Printed Name: _____
 Date/Time: _____

UNOCAL 4511 BELLEVUE



March 3, 1992

ORIGINAL IS
IN PROJECT
FILING

RECEIVED
MAR - 4 1992

John North
EMCON Northwest
18912 N Creek Parkway
Suite 210
Bothell, WA 98011

Re: Unocal 4511 - Bellevue/Project #U24-08.03

Dear John:

Enclosed are the results of the samples submitted to our Bothell laboratory on February 24, 1992. Preliminary results were given on February 25, 1992. For your reference, this work has been assigned our service request number B920095.

All analyses were performed in accordance with both Washington State Department of Ecology Accreditation procedures and our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in black ink, appearing to read "Michael C. Higgins", with a horizontal line extending to the right.

Michael C. Higgins
Project Manager

MCH/bdr

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 02/24/92
Date Extracted: 02/24/92
Work Order #: B920095

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	WPUMPE	WPUMPEW	Method Blank
Lab Code:	B0095-1	B0095-2	B0095-MB
Date Analyzed:	02/25/92	02/25/92	02/24/92

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.05	ND	ND	ND
Ethylbenzene	0.05	ND	ND	ND
Total Xylenes	0.05	ND	ND	ND
TPH as Gasoline	1	ND	ND	ND

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by



Date

920303

APPENDIX A
LABORATORY QC RESULTS

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

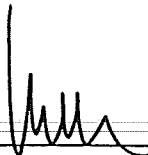
Date Received: 02/24/92
Date Extracted: 02/24/92
Date Analyzed: 02/25/92
Work Order #: B920095

QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
WPUMPE	B0095-1	76
WPUMPEW	B0095-2	74
Method Blank	B0095-MB	54
	CAS Acceptance Criteria	50-130

TPH Total Petroleum Hydrocarbons

Approved by



Date

9/20/03

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

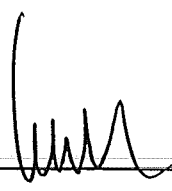
Date Received: 02/24/92
Date Extracted: 02/24/92
Date Analyzed: 02/25/92
Work Order #: B920095

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 BTEX
 EPA Methods 5030/8020
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: Batch QC
Lab Code: B0090-10

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
	Benzene	1.03		1.04	ND	0.463	0.507		
Toluene	1.03	1.04	ND	0.493	0.531	48	51	46-148	6
Ethylbenzene	1.03	1.04	ND	0.484	0.528	47	51	32-160	8

ND None Detected at or above the method reporting limit

Approved by 

Date 9/20/03



1317 South 13th Ave. • Kelso, WA 98626 • (206) 577-7222, FAX (206) 636-1068

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE 2-24-92 PAGE 1 OF 1

PROJECT NAME UNOCAL 451 * VZ4-08.03
 PROJECT MGR. JOHN NORTH
 COMPANY/ADDRESS EMCON NORTHWEST, INC.
18912 NORTH CREEK PKWY SUITE 210
BOTHELL WA 98011 PHONE 485-5000
 SAMPLERS SIGNATURE [Signature]

ANALYSIS REQUESTED	NUMBER OF CONTAINERS	SAMPLE I.D.	LAB I.D.	DATE	TIME	SAMPLE MATRIX	REMARKS
<input type="checkbox"/> Base/Neutral Organics <input type="checkbox"/> GCMS 625/8270 <input type="checkbox"/> Volatile Organics <input type="checkbox"/> GCMS 824/8240 <input type="checkbox"/> Halogenated or Aromatic Volatiles <input type="checkbox"/> 601/8010 <input type="checkbox"/> Pesticides/PCBs <input type="checkbox"/> 608/8090 <input type="checkbox"/> Total Petroleum Hydrocarbons <input type="checkbox"/> EPA 418.1 <input type="checkbox"/> TPH/Gas/BTEX <input type="checkbox"/> Gas/BTEX <input type="checkbox"/> TPH/3015 Modified <input type="checkbox"/> Diesel <input type="checkbox"/> Hydrocarbon Scan <input type="checkbox"/> TPH-HCID <input type="checkbox"/> TQP <input type="checkbox"/> Metals <input type="checkbox"/> VOA <input type="checkbox"/> Herb <input type="checkbox"/> Semi Pest <input type="checkbox"/> Metals (total or dissolved) <input type="checkbox"/> List Below <input type="checkbox"/> Cyanide <input type="checkbox"/> pH Cond. Cl. SO ₄ PO ₄ F. Br <input type="checkbox"/> NO ₂ NO ₃ (circle) <input type="checkbox"/> NH ₄ -N, CO ₂ , Total-P, TN, TOC (circle) <input type="checkbox"/> Total Organic Halides (TOX) 9020							
	X	WPUMPE	2ea	2-24-92	1430	SOIL	RUSH ORDER
	X	WPUMPEN	3JES	2-24-92	1745	SOIL	

RECEIVED BY: [Signature]
 Signature [Signature]
 Printed Name John T. Bertrend
 Firm EMCON NW, INC.
 Date/Time 2-24-92 16:00

RECEIVED BY: _____
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

TURNAROUND REQUIREMENTS:
 24 hr 48 hr 5 day
 Standard (~ 10-15 working days)
 Provide Verbal, Preliminary Results
 Provide FAX Preliminary Results
 Requested Report Date _____

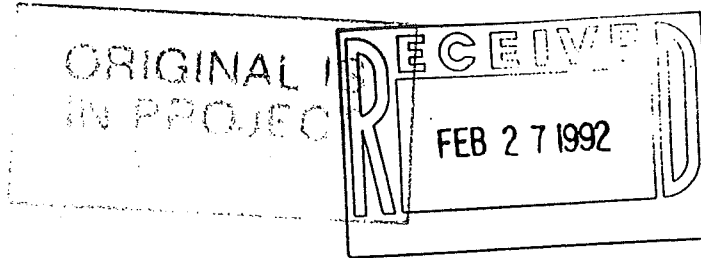
REPORT REQUIREMENTS:
 I. Routine Report
 II. Report (includes DUP, MS, MSD, as required, may be changed as samples)
 III. Data Validation Report (includes All Raw Data)
 IV. CLP Deliverable Report

SPECIAL INSTRUCTIONS/COMMENTS:
STRONG SOLVENT SMELL > 507PM TIP



February 26, 1992

John North
EMCON Northwest
18912 N Creek Parkway
Suite 210
Bothell, WA 98011



Re: Unocal 4511 - Bellevue/Project #U11-08.03

Dear John:

Enclosed are the results of the samples submitted to our Bothell laboratory on February 19, 1992. Preliminary results were given on February 20, 1992. For your reference, this work has been assigned our service request number B920087.

All analyses were performed in accordance with both Washington State Department of Ecology Accreditation procedures and our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.


Michael C. Higgins
Project Manager

MCH/bdr

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

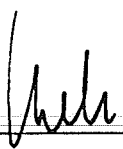
Date Received: 02/19/92
Date Extracted: 02/19/92
Work Order #: B920087

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	WPUMPN	WPUMPS	Method Blank
Lab Code:	B0087-1	B0087-2	B0087-MB
Date Analyzed:	02/19/92	02/19/92	02/19/92

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.05	ND	ND	ND
Ethylbenzene	0.05	ND	ND	ND
Total Xylenes	0.05	0.23	ND	ND
TPH as Gasoline	1	3	ND	ND

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by  Date 920226

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
Project: Unocal 4511 - Bellevue
Sample Matrix: Soil

Date Received: 02/19/92
Date Extracted: 02/19/92
Date Analyzed: 02/19/92
Work Order #: B920087

QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
WPUMPN	B0087-1	90
WPUMPS	B0087-2	82
Method Blank	B0087-MB	105
	CAS Acceptance Criteria	50-130

TPH Total Petroleum Hydrocarbons

Approved by



Date

9/20/2026

COLUMBIA ANALYTICAL SERVICES, INC.

Client: EMCON Northwest
 Project: Unocal 4511 - Bellevue
 Sample Matrix: Soil

Date Received: 02/19/92
 Date Extracted: 02/19/92
 Date Analyzed: 02/19/92
 Work Order #: B920087

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 BTEX
 EPA Methods 5030/8020
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: Batch QC
 Lab Code: B0088-1

Percent Recovery

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Benzene	0.837	0.818	ND	0.379	0.448	45	55	39-150	20
Toluene	0.837	0.818	ND	0.398	0.470	48	57	46-148	17
Ethylbenzene	0.837	0.818	ND	0.411	0.484	49	59	32-160	19

ND None Detected at or above the method reporting limit

Approved by *[Signature]*

Date 9/20/22



1317 South 13th Ave. • Kelso, WA 98626 • (206) 577-7222, FAX (206) 636-1068

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FOR

DATE 2-18-92 PAGE 1 OF 1

PROJECT NAME UNOCAL 4511 * U24-08.03
 PROJECT MNGR. JOHN NORTH
 COMPANY/ADDRESS EMCON NW INC.
18912 NORTH CREEK PKWY SUITE 210
BOTHELL WA 98011 PHONE (206) 85-5000
 SAMPLERS SIGNATURE John T. Spurgeon

ANALYSIS REQUESTED	NUMBER OF CONTAINERS
Benzene/Arolic Organics GC/MS 625/6270	
Volatile Organics GC/MS 624/6240	
Halogenated or Aromatic Volatiles 601/6010	
Perhalides/PCBs 602/6020	
Total Petroleum Hydrocarbons EPA 418.1	
TPH Gas/BTEX 300/3015/8020	
Gas BTEX	
TPH/8015 Modified Diesel	
TPH-HCD	
TCP	
Metals (total or dissolved)	
Semi Metal Pb/Cd	
Metals (total or dissolved)	
Crystallinity	
pH Cond. Cl. SO ₄ PO ₄ F. Br	
NO ₂ NO _x (catly)	
Mt-N, COD, Total-P, TKN, TOC (catly)	
Total Organic Halides (TOX) 9020	

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	REMARKS
WPUMP N	2-18-92	10:45		SOIL	
WPUMP S	2-18-92	11:30		SOIL	

TURNAROUND REQUIREMENTS:	REPORT REQUIREMENTS	INVOICE INFORMATION:	SAMPLE RECEIPT:
<input checked="" type="checkbox"/> 24 hr	<input type="checkbox"/> I. Routine Report	P.O. # _____	Shipping VIA _____
<input type="checkbox"/> Standard (~ 10-15 working days)	<input type="checkbox"/> II. Report (includes DUP, MS, MSD, as required, may be charged as samples)	Est. No. _____	Shipping # _____
<input type="checkbox"/> Provide Verbal Preliminary Results	<input type="checkbox"/> III. Data Validation Report (includes All Raw Data)		Condition _____
<input type="checkbox"/> Provide FAX Preliminary Results	<input type="checkbox"/> IV. CLP Deferrable Report		Lab No. <u>B02-0087</u>
Requested Report Date _____			

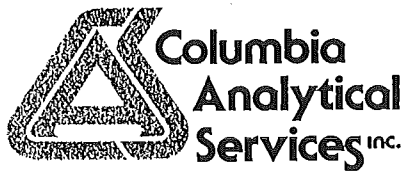
SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY: [Signature]
 Signature John Bertrand
 Printed Name EMCON NW, INC.
 Firm 2-18-92 16:15
 Date/Time 16:15

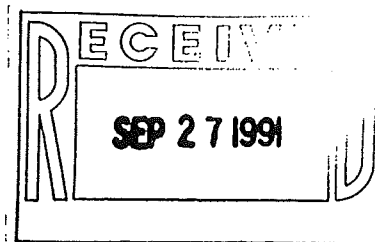
RECEIVED BY: [Signature]
 Signature Stan Spurgeon
 Printed Name EMCON NW, INC.
 Firm 2-18-92 16:15
 Date/Time 16:15

RELINQUISHED BY: _____
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

RECEIVED BY: _____
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____



September 24, 1991



John North
Sweet-Edwards/EMCON, Inc.
18912 N Creek Parkway
Suite 210
Bothell, WA 98011

Re: UNOCAL #4511 - Bellevue/Project #U2408.03

Dear John:

Enclosed are the results of the samples submitted to our lab on August 19, 1991. Preliminary results were transmitted via facsimile on September 17, 1991. For your reference, our service request number for this work is B914726.

All analyses were performed in accordance with our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Colin B. Elliott
Senior Project Chemist

CBE/mbm



COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Extracted: 08/20/91
Date Analyzed: 08/20/91
Work Order #: B914726

Total Recoverable Petroleum Hydrocarbons
SM Method 5520E/EPA Method 418.1
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
HYD-1	B4726-1	25	ND
HYD-2	B4726-2	25	495
HYD-3A	B4726-3	25	ND
HYD-3B	B4726-4	25	ND
HYD-4	B4726-5	25	61,200
HYD-4B	B4726-6	25	1,450
HYD-6	B4726-7	25	6,460
HYD-6B	B4726-8	25	377
Method Blank	B4726-MB	25	ND

SM Standard Methods for the Examination of Water and Wastewater, 17th Ed., 1989
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by

Colin Elliott

Date

9/25/91

00001

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Extracted: 08/20/91
Date Analyzed: 08/20/91
Work Order #: B914726

Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Gasoline	Diesel	Other [♦]
HYD-1	B4726-1	10	ND	ND	ND
HYD-2	B4726-2	10	*394	ND	261
HYD-3A	B4726-3	10	ND	ND	ND
HYD-3B	B4726-4	10	ND	ND	ND
HYD-4	B4726-5	10	*162	ND	26,700
HYD-4B	B4726-6	10	*899	ND	326
HYD-6	B4726-7	10	*6,670	ND	1,030
HYD-6B	B4726-8	10	*115	ND	238
Method Blank	B4726-MB	10	ND	ND	ND

MRL Method Reporting Limit

♦ Quantitated using hydraulic oil as a standard. The MRL for this product is four times the listed MRL.

ND None Detected at or above the method reporting limit

* Mineral spirits

Approved by Colin Elliott Date 9/25/91

00002

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.	Date Received: 08/19/91
Project: UNOCAL #4511 - Bellevue	Date Extracted: 08/30 & 09/01/91
Sample Matrix: Soil	Work Order #: B914726

Volatile Organic Compounds
EPA Method 8240
mg/Kg (ppm) Dry Weight Basis

Sample Name:	HYD-2	HYD-4B
Lab Code:	B4726-2	B4726-6
Date Analyzed:	09/03/91	09/03/91

Analyte	MRL*		
Chloromethane	5	ND	ND
Vinyl Chloride	5	ND	ND
Bromomethane	5	ND	ND
Chloroethane	5	ND	ND
Trichlorofluoromethane (Freon 11)	0.5	ND	ND
Trichlorotrifluoroethane (Freon 113)	5	ND	ND
1,1-Dichloroethene	5	ND	ND
Acetone	10	ND	ND
Carbon Disulfide	0.5	ND	ND
Methylene Chloride	5	ND	ND
<i>trans</i> -1,2-Dichloroethene	0.5	ND	ND
<i>cis</i> -1,2-Dichloroethene	0.5	ND	ND
2-Butanone (MEK)	5	ND	ND
1,1-Dichloroethane	0.5	ND	ND
Chloroform	0.5	ND	ND
1,1,1-Trichloroethane (TCA)	0.5	ND	ND
Carbon Tetrachloride	0.5	ND	ND
Benzene	0.5	ND	ND
1,2-Dichloroethane	0.5	ND	ND
Vinyl Acetate	5	ND	ND
Trichloroethene (TCE)	0.5	ND	ND
1,2-Dichloropropane	0.5	ND	ND
Bromodichloromethane	0.5	ND	ND
2-Chloroethyl Vinyl Ether	5	ND	ND
<i>trans</i> -1,3-Dichloropropene	0.5	ND	ND
2-Hexanone	5	ND	ND
4-Methyl-2-pentanone (MIBK)	5	ND	ND
Toluene	0.5	ND	ND
<i>cis</i> -1,3-Dichloropropene	0.5	ND	ND
1,1,2-Trichloroethane	0.5	ND	ND
Tetrachloroethene (PCE)	0.5	ND	ND
Dibromochloromethane	0.5	ND	ND
Chlorobenzene	0.5	ND	ND
Ethylbenzene	0.5	0.8	1.0
Styrene	0.5	ND	ND
Total Xylenes	0.5	9.0	8.6
Bromoform	0.5	ND	ND
1,1,2,2-Tetrachloroethane	0.5	ND	ND
1,3-Dichlorobenzene	0.5	ND	ND
1,4-Dichlorobenzene	0.5	ND	ND
1,2-Dichlorobenzene	0.5	ND	ND

MRL Method Reporting Limit
* Elevated MRLs because of matrix interferences.
ND None Detected at or above the method reporting limit

Approved by Colin Elliott Date 9/25/91 00003

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.	Date Received: 08/19/91
Project: UNOCAL #4511 - Bellevue	Date Extracted: 09/01/91
Sample Matrix: Soil	Work Order #: B914726

Volatile Organic Compounds
EPA Method 8240
mg/Kg (ppm) Dry Weight Basis

Sample Name:	HYD-4	HYD-6B
Lab Code:	B4726-5	B4726-8
Date Analyzed:	09/03/91	09/03/91

Analyte	MRL		
Chloromethane	0.5	ND	ND
Vinyl Chloride	0.5	ND	ND
Bromomethane	0.5	ND	ND
Chloroethane	0.5	ND	ND
Trichlorofluoromethane (Freon 11)	0.05	ND	ND
Trichlorotrifluoroethane (Freon 113)	0.5	ND	ND
1,1-Dichloroethene	0.1	ND	ND
Acetone	1.0	ND	ND
Carbon Disulfide	0.05	ND	ND
Methylene Chloride	0.5	ND	ND
<i>trans</i> -1,2-Dichloroethene	0.05	ND	ND
<i>cis</i> -1,2-Dichloroethene	0.05	ND	ND
2-Butanone (MEK)	0.5	ND	ND
1,1-Dichloroethane	0.05	ND	ND
Chloroform	0.05	ND	ND
1,1,1-Trichloroethane (TCA)	0.05	ND	ND
Carbon Tetrachloride	0.05	ND	ND
Benzene	0.05	1.44	ND
1,2-Dichloroethane	0.05	ND	ND
Vinyl Acetate	0.5	ND	ND
Trichloroethene (TCE)	0.05	ND	ND
1,2-Dichloropropane	0.05	ND	ND
Bromodichloromethane	0.05	ND	ND
2-Chloroethyl Vinyl Ether	0.5	ND	ND
<i>trans</i> -1,3-Dichloropropene	0.05	ND	ND
2-Hexanone	0.5	ND	ND
4-Methyl-2-pentanone (MIBK)	0.5	ND	ND
Toluene	0.05	*18.8	ND
<i>cis</i> -1,3-Dichloropropene	0.05	ND	ND
1,1,2-Trichloroethane	0.05	ND	ND
Tetrachloroethene (PCE)	0.05	ND	ND
Dibromochloromethane	0.05	ND	ND
Chlorobenzene	0.05	ND	ND
Ethylbenzene	0.05	5.21	0.28
Styrene	0.05	ND	ND
Total Xylenes	0.05	*23.8	2.76
Bromoform	0.05	ND	ND
1,1,2,2-Tetrachloroethane	0.05	ND	ND
1,3-Dichlorobenzene	0.05	ND	ND
1,4-Dichlorobenzene	0.05	ND	ND
1,2-Dichlorobenzene	0.05	ND	ND

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

* Result is from the analysis of a diluted sample performed on September 4, 1991.

Approved by Colin Elliott Date 9/25/91

00004

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL #4511 - Bellevue
 Sample Matrix: Soil

Date Received: 08/19/91
 Date Extracted: 09/01/91
 Work Order #: B914726

Volatile Organic Compounds
 EPA Method 8240
 mg/Kg (ppm) Dry Weight Basis

Sample Name: HYD-6
 Lab Code: B4726-7
 Date Analyzed: 09/03/91

Analyte	MRL*	
Chloromethane	5	ND
Vinyl Chloride	5	ND
Bromomethane	5	ND
Chloroethane	5	ND
Trichlorofluoromethane (Freon 11)	0.5	ND
Trichlorotrifluoroethane (Freon 113)	5	ND
1,1-Dichloroethene	5	ND
Acetone	10	ND
Carbon Disulfide	0.5	ND
Methylene Chloride	5	ND
trans-1,2-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	ND
2-Butanone (MEK)	5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane (TCA)	0.5	ND
Carbon Tetrachloride	0.5	ND
Benzene	0.5	ND
1,2-Dichloroethane	0.5	ND
Vinyl Acetate	5	ND
Trichloroethene (TCE)	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
2-Chloroethyl Vinyl Ether	5	ND
trans-1,3-Dichloropropene	0.5	ND
2-Hexanone	5	ND
4-Methyl-2-pentanone (MIBK)	5	ND
Toluene	0.5	4.9
cis-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Ethylbenzene	0.5	4.4
Styrene	0.5	ND
Total Xylenes	0.5	34.0
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND

MRL Method Reporting Limit

* Elevated MRLs because of matrix interferences.

ND None Detected at or above the method reporting limit

Approved by Colin Elliott

Date 9/25/91

00005

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Sweet-Edwards/EMCON, Inc.	Date Received:	08/19/91
Project:	UNOCAL #4511 - Bellevue	Date Extracted:	08/30 & 09/01/91
Sample Matrix:	Soil	Work Order #:	B914726

Volatile Organic Compounds
EPA Method 8240
mg/Kg (ppm) Dry Weight Basis

Sample Name:	Method Blank	Method Blank
Lab Code:	B4726-MB1	B4726-MB2
Date Analyzed:	09/03/91	09/03/91

Analyte	MRL		
Chloromethane	0.5	ND	ND
Vinyl Chloride	0.5	ND	ND
Bromomethane	0.5	ND	ND
Chloroethane	0.5	ND	ND
Trichlorofluoromethane (Freon 11)	0.05	ND	ND
Trichlorotrifluoroethane (Freon 113)	0.5	ND	ND
1,1-Dichloroethene	0.1	ND	ND
Acetone	1.0	ND	ND
Carbon Disulfide	0.05	ND	ND
Methylene Chloride	0.5	ND	ND
<i>trans</i> -1,2-Dichloroethene	0.05	ND	ND
<i>cis</i> -1,2-Dichloroethene	0.05	ND	ND
2-Butanone (MEK)	0.5	ND	ND
1,1-Dichloroethane	0.05	ND	ND
Chloroform	0.05	ND	ND
1,1,1-Trichloroethane (TCA)	0.05	ND	ND
Carbon Tetrachloride	0.05	ND	ND
Benzene	0.05	ND	ND
1,2-Dichloroethane	0.05	ND	ND
Vinyl Acetate	0.5	ND	ND
Trichloroethene (TCE)	0.05	ND	ND
1,2-Dichloropropane	0.05	ND	ND
Bromodichloromethane	0.05	ND	ND
2-Chloroethyl Vinyl Ether	0.5	ND	ND
<i>trans</i> -1,3-Dichloropropene	0.05	ND	ND
2-Hexanone	0.5	ND	ND
4-Methyl-2-pentanone (MIBK)	0.5	ND	ND
Toluene	0.05	ND	ND
<i>cis</i> -1,3-Dichloropropene	0.05	ND	ND
1,1,2-Trichloroethane	0.05	ND	ND
Tetrachloroethene (PCE)	0.05	ND	ND
Dibromochloromethane	0.05	ND	ND
Chlorobenzene	0.05	ND	ND
Ethylbenzene	0.05	ND	ND
Styrene	0.05	ND	ND
Total Xylenes	0.05	ND	ND
Bromoform	0.05	ND	ND
1,1,2,2-Tetrachloroethane	0.05	ND	ND
1,3-Dichlorobenzene	0.05	ND	ND
1,4-Dichlorobenzene	0.05	ND	ND
1,2-Dichlorobenzene	0.05	ND	ND

MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Oliver Elliott Date 9/25/91 00006

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Work Order #: B914726

Volatile Organic Compounds
 EPA Method 8240 (Low Level)
 µg/Kg (ppb) Dry Weight Basis

Sample Name: HYD-1
Lab Code: B4726-1
Date Analyzed: 08/27/91

Analyte	MRL	
Chloromethane	5	ND
Vinyl Chloride	5	ND
Bromomethane	5	ND
Chloroethane	5	ND
Trichlorofluoromethane (Freon 11)	5	ND
Trichlorotrifluoroethane (Freon 113)	50	ND
1,1-Dichloroethene	5	ND
Acetone	50	ND
Carbon Disulfide	5	ND
Methylene Chloride	10	ND
<i>trans</i> -1,2-Dichloroethene	5	ND
<i>cis</i> -1,2-Dichloroethene	5	ND
2-Butanone (MEK)	10	ND
1,1-Dichloroethane	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane (TCA)	5	ND
Carbon Tetrachloride	5	ND
Benzene	5	ND
1,2-Dichloroethane	5	ND
Vinyl Acetate	10	ND
Trichloroethene (TCE)	5	ND
1,2-Dichloropropane	5	ND
Bromodichloromethane	5	ND
2-Chloroethyl Vinyl Ether	10	ND
<i>trans</i> -1,3-Dichloropropene	5	ND
2-Hexanone	10	ND
4-Methyl-2-pentanone (MIBK)	10	ND
Toluene	5	ND
<i>cis</i> -1,3-Dichloropropene	5	ND
1,1,2-Trichloroethane	5	ND
Tetrachloroethene (PCE)	5	ND
Dibromochloromethane	5	ND
Chlorobenzene	5	ND
Ethylbenzene	5	ND
Styrene	5	ND
Total Xylenes	5	ND
Bromoform	5	ND
1,1,2,2-Tetrachloroethane	5	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	5	ND
1,2-Dichlorobenzene	5	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Colin Elliott Date 9/25/91 00007

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Work Order #: B914726

Volatile Organic Compounds
 EPA Method 8240 (Low Level)
 µg/Kg (ppb) Dry Weight Basis

Sample Name:	HYD-3A	HYD-3B
Lab Code:	B4726-3	B4726-4
Date Analyzed:	08/30/91	08/30/91

Analyte	MRL		
Chloromethane	5	ND	ND
Vinyl Chloride	5	ND	ND
Bromomethane	5	ND	ND
Chloroethane	5	ND	ND
Trichlorofluoromethane (Freon 11)	5	ND	ND
Trichlorotrifluoroethane (Freon 113)	10	ND	ND
1,1-Dichloroethene	5	ND	ND
Acetone	50	ND	ND
Carbon Disulfide	5	ND	ND
<u>Methylene Chloride</u>	<u>10</u>	<u>ND</u>	<u>14</u>
<i>trans</i> -1,2-Dichloroethene	5	ND	ND
<i>cis</i> -1,2-Dichloroethene	5	ND	ND
2-Butanone (MEK)	10	ND	ND
1,1-Dichloroethane	5	ND	ND
Chloroform	5	ND	ND
1,1,1-Trichloroethane (TCA)	5	ND	ND
Carbon Tetrachloride	5	ND	ND
Benzene	5	ND	ND
1,2-Dichloroethane	5	ND	ND
Vinyl Acetate	10	ND	ND
Trichloroethene (TCE)	5	ND	ND
1,2-Dichloropropane	5	ND	ND
Bromodichloromethane	5	ND	ND
2-Chloroethyl Vinyl Ether	10	ND	ND
<i>trans</i> -1,3-Dichloropropene	5	ND	ND
2-Hexanone	10	ND	ND
4-Methyl-2-pentanone (MIBK)	10	ND	ND
Toluene	5	ND	ND
<i>cis</i> -1,3-Dichloropropene	5	ND	ND
1,1,2-Trichloroethane	5	ND	ND
Tetrachloroethene (PCE)	5	ND	ND
Dibromochloromethane	5	ND	ND
Chlorobenzene	5	ND	ND
Ethylbenzene	5	ND	ND
Styrene	5	ND	ND
Total Xylenes	5	ND	ND
Bromoform	5	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND
1,3-Dichlorobenzene	5	ND	ND
1,4-Dichlorobenzene	5	ND	ND
1,2-Dichlorobenzene	5	ND	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by John Elliott Date 9/25/91

00008

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL #4511 - Bellevue
 Sample Matrix: Soil

Date Received: 08/19/91
 Work Order #: B914726

Volatile Organic Compounds
 EPA Method 8240 (Low Level)
 µg/Kg (ppb) Dry Weight Basis

Sample Name:	Method Blank	Method Blank
Lab Code:	B4726-MB	B4726-MB
Date Analyzed:	08/27/91	08/30/91

Analyte	MRL		
Chloromethane	5	ND	ND
Vinyl Chloride	5	ND	ND
Bromomethane	5	ND	ND
Chloroethane	5	ND	ND
Trichlorofluoromethane (Freon 11)	5	ND	ND
Trichlorotrifluoroethane (Freon 113)	50	ND	ND
1,1-Dichloroethene	5	ND	ND
Acetone	50	ND	ND
Carbon Disulfide	5	ND	ND
Methylene Chloride	10	ND	ND
trans-1,2-Dichloroethene	5	ND	ND
cis-1,2-Dichloroethene	5	ND	ND
2-Butanone (MEK)	10	14	ND
1,1-Dichloroethane	5	ND	ND
Chloroform	5	ND	ND
1,1,1-Trichloroethane (TCA)	5	ND	ND
Carbon Tetrachloride	5	ND	ND
Benzene	5	ND	ND
1,2-Dichloroethane	5	ND	ND
Vinyl Acetate	10	ND	ND
Trichloroethene (TCE)	5	ND	ND
1,2-Dichloropropane	5	ND	ND
Bromodichloromethane	5	ND	ND
2-Chloroethyl Vinyl Ether	10	ND	ND
trans-1,3-Dichloropropene	5	ND	ND
2-Hexanone	10	ND	ND
4-Methyl-2-pentanone (MIBK)	10	ND	ND
Toluene	5	ND	ND
cis-1,3-Dichloropropene	5	ND	ND
1,1,2-Trichloroethane	5	ND	ND
Tetrachloroethene (PCE)	5	ND	ND
Dibromochloromethane	5	ND	ND
Chlorobenzene	5	ND	ND
Ethylbenzene	5	ND	ND
Styrene	5	ND	ND
Total Xylenes	5	ND	ND
Bromoform	5	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND
1,3-Dichlorobenzene	5	ND	ND
1,4-Dichlorobenzene	5	ND	ND
1,2-Dichlorobenzene	5	ND	ND

MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Olivia Elliott Date 9/25/91 00009

APPENDIX A
LABORATORY QC RESULTS

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Extracted: 08/20/91
Date Analyzed: 08/20/91
Work Order #: B914726

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 Total Recoverable Petroleum Hydrocarbons
 SM Method 5520E/EPA Method 418.1
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name	Lab Code	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
HYD-3A	B4726-3MS	25	716	ND	718	100	75-125
HYD-3A	B4726-3DMS	25	727	ND	884	122	75-125

SM Standard Methods for the Examination of Water and Wastewater, 17th Ed., 1989
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Cheri Elliott Date 9/25/91

00011

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Extracted: 08/20/91
Date Analyzed: 08/20/91
Work Order #: B914726

QA/QC Report
Surrogate Recovery Summary
Hydrocarbon Scan
EPA Methods 3550/Modified 8015

Sample Name	Lab Code	Percent Recovery <i>p</i> -Terphenyl
HYD-1	B4726-1	101
HYD-2	B4726-2	92.9
HYD-3A	B4726-3	99.9
HYD-3B	B4726-4	95.7
HYD-4	B4726-5	NA
HYD-4B	B4726-6	96.1
HYD-6	B4726-7	93.8
HYD-6B	B4726-8	93.4
HYD-3A	B4726-3MS	89.1
HYD-3A	B4726-3DMS	97.3
Method Blank	B4726-MB	98.9

CAS Acceptance Criteria 64-123

NA Not Applicable because of the sample matrix. Analysis of this sample required a dilution such that the surrogate concentration was diluted below the MRL.

Approved by

Colin Elliott

Date

9/25/91

00012

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Extracted: 08/20/91
Date Analyzed: 08/20/91
Work Order #: B914726

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary
Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name: HYD-3A
Lab Code: B4726-3

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Diesel	479	505	ND	456	499	95.2	98.8	45-120	3.7

ND None Detected at or above the method reporting limit

Approved by Colin Elliott Date 9/25/91

00013

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Extracted: 08/30 & 09/01/91
Date Analyzed: 09/03/91
Work Order #: B914726

QA/QC Report
Surrogate Recovery Summary
Volatile Organic Compounds
EPA Method 8240

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		1,2-Dichloroethane - D ₄	Toluene - D ₈	4-Bromofluorobenzene
HYD-2	B4726-2	107	101	118
HYD-4	B4726-5	108	101	103
HYD-4B	B4726-6	109	101	107
HYD-6	B4726-7	108	102	*125
HYD-6B	B4726-8	108	102	*140
Method Blank	B4726-MB1	103	100	84.8
Method Blank	B4726-MB2	104	98.4	85.4
EPA Acceptance Criteria		70-121	81-117	74-121

* Outside acceptance limits because of matrix interferences. The gas chromatogram showed nontarget components that interfered with the analysis. The sample was not reanalyzed.

Approved by Alvin Elliott Date 9/25/91

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Analyzed: 08/27/91
Work Order #: B914726

QA/QC Report
Surrogate Recovery Summary
Volatile Organic Compounds
EPA Method 8240 (Low Level)

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		1,2-Dichloroethane - D ₄	Toluene - D ₈	4-Bromofluorobenzene
HYD-1	B4726-1	107	101	87.6
Method Blank	B4726-MB	103	100	89.2
EPA Acceptance Criteria		70-121	81-117	74-121

Approved by Cheri Elliott Date 9/25/91

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Analyzed: 08/30/91
Work Order #: B914726

**QA/QC Report
 Surrogate Recovery Summary
 Volatile Organic Compounds
 EPA Method 8240 (Low Level)**

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		1,2-Dichloroethane - D ₄	Toluene - D ₈	4-Bromofluorobenzene
HYD-1	B4726-1MS	113	103	91.2
HYD-1	B4726-1DMS	117	103	91.6
HYD-3A	B4726-3	120	104	91.6
HYD-3B	B4726-4	120	103	94.2
Method Blank	B4726-MB	113	102	89.4
EPA Acceptance Criteria		70-121	81-117	74-121

Approved by Colin Elliott Date 9/25/91

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/19/91
Date Analyzed: 08/30/91
Work Order #: B914726

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 Volatile Organic Compounds
 EPA Method 8240 (Low Level)
 µg/Kg (ppb)
 Dry Weight Basis

Sample Name: HYD-1
Lab Code: B4726-1

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		EPA Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
1,1-Dichloroethene	47	48	ND	49	52	104	108	59-172	4
Trichloroethene	47	48	ND	48	48	102	100	62-137	2
Chlorobenzene	47	48	ND	29	28	61.7	*58.3	60-133	6
Toluene	47	48	ND	41	41	87.2	85.4	59-139	2
Benzene	47	48	ND	52	55	111	114	66-142	3

ND None Detected at or above the method reporting limit
 * Outside acceptance limits because of matrix effects. This sample was analyzed a second time and again produced unacceptable recovery values. The results from the initial analysis are reported.

Approved by Cheri Elliott Date 9/25/91



Sweet-Edwards & Associates, Inc.
 Keiso, WA (206) 423-3580
 Bothell, WA (206) 485-5000

Laboratory Analysis Request

DATE 8/19/91 PAGE 1 OF 2

PROJECT UNOCH 4.571 # 0240803
 CLIENT INFO. Bellevue, Wash.
 CONTACT John North/Jeff Kirkland
 ADDRESS SE/E Colred
 TELEPHONE# 485-3000
 SAMPLERS NAME Steve Spurgeon PHONE# 485-3000
 SAMPLERS SIGNATURE [Signature]

ANALYSIS REQUESTED	GENERAL CHEMISTRY (Specify)													OTHER (Specify)	NUMBER OF CONTAINERS		
	GC/MS/625/8270	VOLATILE ORGANICS	GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK			NO ₃ /NO ₂ , Cl	SO ₄
1. HYD-1	X																2
2. HYD-2	X																2
3. HYD-3																	2
4. HYD-3A																	2
5. HYD-3B																	2
6. HYD-4																	2
7. HYD-4B																	2
8. HYD-5E																	2

Relinquished By Sweet, Edwards & Assoc.
 Signature [Signature]
 Printed Name Steve Spurgeon
 Firm SES
 Date/Time 8/19/91 1620

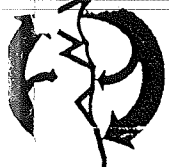
Relinquished By
 Signature [Signature]
 Printed Name Lance Jordan
 Firm CAS
 Date/Time 8/19/91 1620

PROJECT INFORMATION
Hand Delivered
 Shipping I.D. No.

VIA
 Project

SAMPLE RECEIPT
 Total No. of Containers
 Chain of Custody Seals
 Received in good condition
 LAB NO.

SPECIAL INSTRUCTIONS/COMMENTS
* quantities moved spirits if identified



Sweet-Edwards / EMCON, Inc.

Kelso, WA (206) 423-3580

Bothell, WA (206) 485-5000

Chloro-Cu-Cood,
Laboratory Analysis Request

DATE 8/19/91 PAGE 2 OF 2

PROJECT <u>UNOCCAL 4511</u> # <u>42408163</u>				
CLIENT INFO. <u>Belleme, Utah</u>				
CONTACT <u>John North / Jeff Kuetland</u>				
ADDRESS <u>DE BE Botell</u>				
TELEPHONE# <u>485-5000</u>				
SAMPLERS NAME <u>Jeff Kuetland</u> PHONE# <u>485-5000</u>				
SAMPLERS SIGNATURE <u>[Signature]</u>				
SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE
<u>1. HYP-6B</u>	<u>9/19/91</u>	<u>1130</u>		<u>soil</u>
2.				
3.				
4.				
5.				
6.				
7.				
8.				

ANALYSIS REQUESTED	GENERAL CHEMISTRY (Specify)	OTHER (Specify)	NUMBER OF CONTAINERS
BASE/NEU/ACID ORGAN.			
GC/MS/625/8270			
VOLATILE ORGANICS GC/MS/625/8240			
HALOGENATED VOLATILE ORGANICS 601/8010			
PHENOLICS 604/8040			
POLYNUCLEAR AROMATIC 610/8310			
TOTAL ORGANIC CARBON (TOC) 415/9060			
TOTAL ORGANIC HALIDE (TOX) 9020			
EP TOX/TCLP METALS (Circle One)			
METALS (TOTAL) (See Special Inst.)			
TCLP ORGANICS			
pH, COND			
ALK			
NO ₂ /NO ₃ , CI			
SO ₄			
Ca, Mg, Na, K			

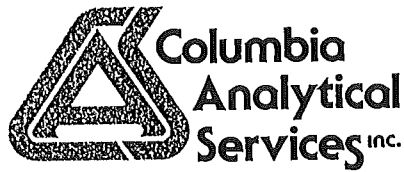
PROJECT INFORMATION	SAMPLE RECEIPT
Shipping I.D. No. <u>Hend Refused</u>	Total No. of Containers
VIA	Chain of Custody Seals
Project	Received in good condition
	LAB NO.

RECEIVED BY		RECEIVED BY	
Signature	Printed Name	Signature	Printed Name
Firm	Firm	Firm	Firm
Date/Time	Date/Time	Date/Time	Date/Time

SPECIAL INSTRUCTIONS/COMMENTS	
<u>CAS</u>	
<u>8/24/91</u>	
<u>1620</u>	

RECEIVED BY: Alan Spurgeon SIGNATURE
Stan Spurgeon PRINTED NAME
CAS FIRM
8/19/91 DATE/TIME
1620

RECEIVED BY: [Signature] SIGNATURE
Lance Jordan PRINTED NAME
CAS FIRM
8/24/91 DATE/TIME
1620



September 16, 1991

ORIGINAL IS
IN PROJECT
FILING

RECEIVED
SEP 18 1991

John North
Sweet-Edwards/EMCON, Inc.
18912 N Creek Parkway
Suite 210
Bothell, WA 98011

Re: UNOCAL #4511 - Bellevue/Project #U2408.03

Dear John:

Enclosed are the amended results of the sample submitted to our lab on August 28, 1991. The sample name was corrected to MW-11-12.5 from MW-11-R.5. For your reference, our service request number for this work is B914915.

All analyses were performed in accordance with our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in cursive script that reads "Colin Elliott".

Colin B. Elliott
Senior Project Chemist

CBE/mbm

cc: Jeff Kirtland (SE-E/Bothell)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/28/91
Date Extracted: 08/27,28/91
Work Order #: B914915

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name: MW-11-12.5 Method Blank
Lab Code: B4915-1 B4915-MB
Date Analyzed: 08/29/91 08/29/91

Analyte	MRL		
Benzene	0.05	ND	ND
Toluene	0.05	ND	ND
Ethylbenzene	0.05	2.03	ND
Total Xylenes	0.05	6.31	ND
TPH as Gasoline	1	216	ND

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Alvin Elliott Date 9/16/91

00001

APPENDIX A
LABORATORY QC RESULTS

00002

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/28/91
Date Extracted: 08/27,28/91
Date Analyzed: 08/29/91
Work Order #: B914915

**QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015**

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
MW-11-12.5	B4915-1	94.3
Method Blank	B4915-MB	89.8
	CAS Acceptance Criteria	50-130

TPH Total Petroleum Hydrocarbons

Approved by _____

Cheri Elliott

Date _____

9/16/91

00003



1317 South 13th Avenue • Kelso, WA 98626 • 206/577-7222, Fax 206/636-1068

Coin of Custody/ Laboratory Analysis Request

DATE 8/28/91 PAGE 1 OF 1

PROJECT <u>UNCAL 4511 - Bellevue #U24108-03</u>			ORGANIC ANALYSIS														INORGANIC ANALYSIS														OTHER	NUMBER OF CONTAINERS
SEND REPORT TO <u>Samantha Jeff Kirtland</u>			ORGANIC ANALYSIS														INORGANIC ANALYSIS														OTHER	NUMBER OF CONTAINERS
ADDRESS <u>5816 Burke</u>			ORGANIC ANALYSIS														INORGANIC ANALYSIS														OTHER	NUMBER OF CONTAINERS
TELEPHONE# <u>465-3000</u>			ORGANIC ANALYSIS														INORGANIC ANALYSIS														OTHER	NUMBER OF CONTAINERS
SAMPLERS NAME <u>JEFF KIRTLAND</u>			ORGANIC ANALYSIS														INORGANIC ANALYSIS														OTHER	NUMBER OF CONTAINERS
SAMPLERS SIGNATURE <u>[Signature]</u>			ORGANIC ANALYSIS														INORGANIC ANALYSIS														OTHER	NUMBER OF CONTAINERS
SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	GC/MS 625/8270	Volatiles Organics 624/8240	Halogenated Volatiles 601/8010	Aromatic Volatiles 602/8020 BTEX	GC/MS 608/8080	Pesticides/CBS	Total Petroleum Hydrocarbons - Mod 8015	Total Petroleum Hydrocarbons - 418.1	Total Organic Halides (TOX) 9020	Total Organic Carbon (TOC) 415/9060	EPTOX Metals As, Ba, Cd, Cr, Pb, Hg, Se, Ag	Metals (Total or dissolved) List Below	Cyanide	Pb, Cond, Cl, SO ₄ , PO ₄ , F, Br	NO ₃ , NO ₂ , (Circle)	NH ₄ -N, COD, Total-P, TKN	Coliform (Circle)	Total, Fecal	OTHER	NUMBER OF CONTAINERS								
1. MW-11-B.5	8/27/91	105		soil																				91b	2							
2.																																
3.																																
4.																																
5.																																
6.																																
7.																																
8.																																

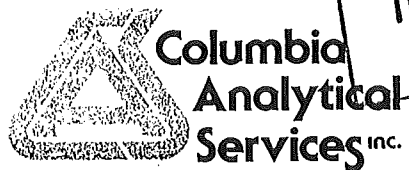
Relinquished By <u>[Signature]</u>	Relinquished By
Signature <u>JEFF KIRTLAND</u>	Signature
Printed Name <u>JEFF KIRTLAND</u>	Printed Name
Firm <u>SRK</u>	Firm
Date/Time <u>8/28/91 1337</u>	Date/Time
Received By: <u>[Signature]</u>	Received By:
Signature <u>[Signature]</u>	Signature
Printed Name <u>ANDRICE AKINS</u>	Printed Name
Firm <u>[Signature]</u>	Firm
Date/Time <u>8/28/91 1340</u>	Date/Time

P.O.#	Invoice Information:	Project Information	Sample Receipt
Bill to:	Site Contact:	Shipped Via:	
	Site Address:	Seals Intact:	
		Condition:	
		Lab No. <u>B91 4915</u>	
		SR Number:	

Special Instruction/Comments:

UNOCAL 4511 BELLEVUE

ORIGINAL IS
IN PROJECT
FILING



August 15, 1991

RECEIVED
AUG 19 1991

John North
Sweet-Edwards/EMCON, Inc.
18912 N Creek Parkway
Suite 210
Bothell, WA 98011

Re: UNOCAL #4511 - Bellevue/Project #U24-08.02

Dear John:

Enclosed are the results of the rush samples submitted to our lab on August 8, 1991. Preliminary results were transmitted via facsimile on August 12, 1991. For your reference, our service request number for this work is B914441.

All analyses were performed in accordance with our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Charles Morrow
Colin B. Elliott ← *for*
Senior Project Chemist

CBE/so

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/08/91
Date Analyzed: 08/12/91
Work Order #: B914441

Total Lead
EPA Method 7420
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
Stockpile #1	K4441-1	3	7
Stockpile #2	K4441-2	3	5
Stockpile #3	K4441-3	3	5
Stockpile #4	K4441-4	3	6
Stockpile #5	K4441-5	3	7
Stockpile #6	K4441-6	3	8
Stockpile #7	K4441-7	3	8
Stockpile #8	K4441-8	3	5
Method Blank	K4441-MB	3	ND

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by

Charles Morrow

Date

8/16/91

00001

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/08/91
Date Extracted: 08/07/91
Work Order #: B914441

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name: Lab Code: Date Analyzed:	Stockpile #1 B4441-1 08/09/91	Stockpile #2 B4441-2 08/09/91	Stockpile #3 B4441-3 08/09/91
---	-------------------------------------	-------------------------------------	-------------------------------------

Analyte	MRL			
Benzene	0.05	ND	0.10	ND
Toluene	0.05	ND	0.63	ND
Ethylbenzene	0.05	ND	2.16	ND
Total Xylenes	0.05	0.06	18.7	0.20
TPH as Gasoline	1	ND	406	5

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by

Charles Morrow

Date

8/16/91

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/08/91
Date Extracted: 08/07/91
Work Order #: B914441

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	Stockpile #4	Stockpile #5	Stockpile #6
Lab Code:	B4441-4	B4441-5	B4441-6
Date Analyzed:	08/10/91	08/09/91	08/09/91

Analyte	MRL			
Benzene	0.05	5.08	ND	0.24
Toluene	0.05	110	ND	4.07
Ethylbenzene	0.05	20.2	0.16	4.50
Total Xylenes	0.05	239	0.61	33.1
TPH as Gasoline	1	3,260	130	436

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Charles Morrow Date 8/16/91

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/08/91
Date Extracted: 08/07/91
Work Order #: B914441

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	Stockpile #7	Stockpile #8	Method Blank
Lab Code:	B4441-7	B4441-8	B4441-MB
Date Analyzed:	08/10/91	08/10/91	08/09/91

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.05	2.35	ND	ND
Ethylbenzene	0.05	3.56	ND	ND
Total Xylenes	0.05	35.9	0.06	ND
TPH as Gasoline	1	1,350	23	ND

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Charles Morrow Date 8/16/91

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/08/91
Date Extracted: 08/07/91
Date Analyzed: 08/09,10/91
Work Order #: B914441

QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
Stockpile #1	B4441-1	102
Stockpile #1	B4441-1MS	106
Stockpile #1	B4441-1DMS	104
Stockpile #2	B4441-2	106
Stockpile #3	B4441-3	101
Stockpile #4	B4441-4	112
Stockpile #5	B4441-5	103
Stockpile #6	B4441-6	108
Stockpile #7	B4441-7	108
Stockpile #8	B4441-8	108
Method Blank	B4441-MB	102

CAS Acceptance Criteria 50-130

TPH Total Petroleum Hydrocarbons

Approved by

Charles Mours

Date

8/16/91

00005

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 08/08/91
Date Extracted: 08/07/91
Date Analyzed: 08/09/91
Work Order #: B914441

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 BTEX and TPH as Gasoline
 EPA Methods 5030/8020/Modified 8015
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: Stockpile #1
Lab Code: B4441-1

Percent Recovery

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative* Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Benzene	1.00	0.93	ND	1.01	0.74	101	79.6	39-150	23.7
Toluene	1.00	0.93	ND	1.10	0.79	110	84.9	46-148	25.8
Ethylbenzene	1.00	0.93	ND	1.13	0.80	113	86.0	32-160	27.1

TPH Total Petroleum Hydrocarbons

* Elevated Relative Percent Difference due to carryover into MS from previous sample.

ND None Detected at or above the method reporting limit

Approved by Charles Mowen Date 8/16/91

00006



Sweet-Edwards / EMCON, Inc.
 Kelso, WA (206) 423-3580
 Bothell, WA (206) 485-5000

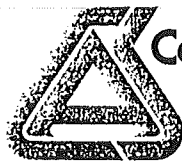
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175424

DATE 8/19/91 PAGE 1 OF 1

PROJECT INFO.				ANALYSIS REQUESTED												GENERAL CHEMISTRY (Specify)												OTHER (Specify)											
CLIENT INFO.	CONTACT	ADDRESS	TELEPHONE#	SAMPLES NAME	SAMPLES SIGNATURE	PHONE#	SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE	GC/MS/625/8270	VOLATILE ORGANICS	GC/MS/624/8240	HAOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH, COND	ALK	NO ₃ /NO ₂ , CI	SO ₄	Ca, Mg, Na, K	8015 m / 8020	100AL Pb	NUMBER OF CONTAINERS									
PROJECT <u>Urease # 4571 B. H. U. # 424-08.02</u>	<u>John North</u>	<u>SE/CE</u>	<u>485-5000</u>																																				
				1. Sockpile # 1	<u>[Signature]</u>	<u>485-5000</u>	# 1	8/19/91	9:10		SOIL																						2						
				2. "	<u>[Signature]</u>		# 2		9:15		SOIL																						2						
				3. "	<u>[Signature]</u>		# 3		9:50		SOIL																						2						
				4. "	<u>[Signature]</u>		# 4		10:10		SOIL																						2						
				5. "	<u>[Signature]</u>		# 5		10:25		SOIL																						2						
				6. "	<u>[Signature]</u>		# 6		10:40		SOIL																						2						
				7. "	<u>[Signature]</u>		# 7		11:00		SOIL																						2						
				8. "	<u>[Signature]</u>		# 8		11:20		SOIL																						2						
Reinquished By Sweet, Edwards & Assoc.				Reinquished By				Reinquished By				PROJECT INFORMATION				SAMPLE RECEIPT																							
Signature <u>[Signature]</u>				Signature <u>[Signature]</u>				Signature <u>[Signature]</u>				Shipping I.D. No.				Total No. of Containers																							
Printed Name <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Printed Name <u>[Signature]</u>				VIA				Chain of Custody Seals																							
Firm <u>SE/CE</u>				Firm <u>SE/CE</u>				Firm <u>SE/CE</u>				Project				Received in good condition																							
Date/Time <u>8-18-91 / 12:15</u>				Date/Time <u>8/19/91 12:15</u>				Date/Time <u>8/19/91 12:30</u>				SPECIAL INSTRUCTIONS/COMMENTS				LAB NO. <u>891-4441</u>																							
Received By <u>[Signature]</u>				Received By <u>[Signature]</u>				Received By <u>[Signature]</u>				48 Turn around NO LATER THAN 8/19/91																											
Signature <u>[Signature]</u>				Signature <u>[Signature]</u>				Signature <u>[Signature]</u>																															
Printed Name <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Printed Name <u>[Signature]</u>																															
Firm <u>SE/CE</u>				Firm <u>SE/CE</u>				Firm <u>SE/CE</u>																															

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.



Columbia
Analytical
Services Inc.

ORIGINAL IS
IN PROJECT
FILING

July 23, 1991

John North
Sweet-Edwards/EMCON, Inc.
18912 N Creek Parkway
Suite 210
Bothell, WA 98011

RECEIVED
JUL 25 1991

Re: UNOCAL #4511 - Bellevue/Project #U24-08.02

Dear John:

Enclosed are the results of the sample requested for analysis on July 10, 1991, from previous service request number K913406. Preliminary results were transmitted via facsimile on July 16, 1991. For your reference, our service request number for this work is K913843.

All analyses were performed in accordance with our laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Charles Morrow
Colin B. Elliott ← for
Senior Project Chemist

CBE/so

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 07/10/91
Date TCLP Performed: 07/11/91
Date Analyzed: 07/12/91
Work Order #: K913843

**Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract**

Sample Name: UOF-1 **Method Blank**
Lab Code: K3406-7 **K3843-MB**

Analyte	Method	MRL	Regulatory Limit*	UOF-1	Method Blank
Arsenic	3010/6010	0.1	5.0	ND	ND
Barium	3010/6010	0.1	100	0.8	ND
Cadmium	3010/6010	0.01	1.0	ND	ND
Chromium	3010/6010	0.01	5.0	ND	ND
Lead	3010/6010	0.05	5.0	ND	ND
Mercury	7470	0.001	0.2	ND	ND
Selenium	3010/6010	0.1	1.0	ND	ND
Silver	3010/6010	0.01	5.0	ND	ND

MRL Method Reporting Limit

* From 40 CFR Part 261, et al., and *Federal Register*, March 29, 1990 and June 29, 1990

ND None Detected at or above the method reporting limit

Approved by Charles Morris Date 7/23/91

00001

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 07/10/91
Date TCLP Performed: 07/11/91
Date Analyzed: 07/12/91
Work Order #: K913843

QA/QC Report
 Duplicate Summary
 Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

Sample Name: UOF-1
Lab Code: K3406-7

Analyte	Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference
Arsenic	3010/6010	0.1	ND	ND	ND	--
Barium	3010/6010	0.1	0.8	0.8	0.8	<1
Cadmium	3010/6010	0.01	ND	ND	ND	--
Chromium	3010/6010	0.01	ND	ND	ND	--
Lead	3010/6010	0.05	ND	ND	ND	--
Mercury	7470	0.001	ND	ND	ND	--
Selenium	3010/6010	0.1	ND	ND	ND	--
Silver	3010/6010	0.01	ND	ND	ND	--

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Charles Morrison Date 7/23/91

00002

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 07/10/91
Date TCLP Performed: 07/11/91
Date Analyzed: 07/12/91
Work Order #: K913843

QA/QC Report
 Matrix Spike Summary
 Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

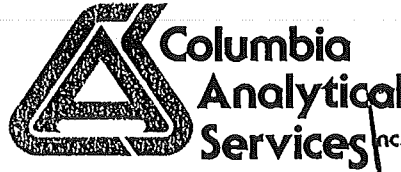
Sample Name: UOF-1
Lab Code: K3406-7

Analyte	Method	Spike Level	MRL	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
Arsenic	3010/6010	5.0	0.1	ND	4.9	98	75-125
Barium	3010/6010	5.0	0.1	0.8	5.4	92	75-125
Cadmium	3010/6010	1.0	0.01	ND	0.91	91	75-125
Chromium	3010/6010	5.0	0.01	ND	4.64	93	75-125
Lead	3010/6010	5.0	0.05	ND	4.77	95	75-125
Mercury	7470	0.01	0.001	ND	0.009	90	75-125
Selenium	3010/6010	1.0	0.1	ND	1.1	110	75-125
Silver	3010/6010	1.0	0.01	ND	0.96	96	75-125

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Charles Williams Date 7/23/91

00003



ORIGINAL IS
IN PROJECT
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RECEIVED
JUL 15 1991

July 11, 1991

Jeff Kirtland
Sweet-Edwards/EMCON, Inc.
P.O. Drawer B
Kelso, WA 98626

Re: UNOCAL #4511 - Bellevue/Project #U24-08.02

Dear Jeff:

Enclosed are the results of the rush samples submitted to our lab on June 27, 1991. Preliminary results were telephoned on July 1, and transmitted via facsimile on July 8, 1991. For your reference, our service request number for this work is B913568.

Trace levels of acetone and methylene chloride were detected in all the samples. Both of these solvents are common laboratory contaminants and may be due to the laboratory, even though neither of these components were detected in the method blank.

All analyses were performed in accordance with the laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Dave Edelman for
Colin B. Elliott ←
Senior Project Chemist

CBE/tlt

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/28/91
Work Order #: B913568

Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Gasoline	Diesel	Other*
TP-1A	B3568-1	10	ND	ND	ND
TP-1B	B3568-2	10	ND	ND	ND
TP-2A	B3568-3	10	ND	ND	ND
U/D-SS-1	B3568-6	10	**77	ND	154
Method Blank	B3568-MB	10	ND	ND	ND

MRL Method Reporting Limit

* Quantitated using hydraulic oil as a standard, the MRL for this product is four times the listed MRL.

ND None Detected at or above the method reporting limit

** Reported as gasoline, but more closely resembles mineral spirits fingerprint.

Approved by Dave Edelman

Date 7/11/91

00001

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Work Order #: B913568

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	TP-3A	TP-3B	TP-4A
Lab Code:	B3568-7	B3568-8	B3568-9
Date Analyzed:	06/27/91	06/27/91	06/27/91

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.1	ND	ND	0.3
Ethylbenzene	0.1	ND	ND	6.3
Total Xylenes	0.1	0.1	ND	30.7
TPH as Gasoline	5	17	ND	740

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Shuler

Date 7/1/91

00002

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Work Order #: B913568

BTEX and TPH as Gasoline
 EPA Methods 5030/8020/Modified 8015
 mg/Kg (ppm)
 Dry Weight Basis

	<i>TP</i>	<i>TP</i>	
Sample Name:	TB-5A	TB-5B	GTW-E2A
Lab Code:	B3568-10	B3568-11	B3568-12
Date Analyzed:	06/27/91	06/27/91	06/27/91

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.1	ND	ND	ND
Ethylbenzene	0.1	ND	ND	ND
Total Xylenes	0.1	0.3	ND	ND
TPH as Gasoline	5	ND	ND	ND

TPH Total Petroleum Hydrocarbons
 MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Dave Shelton Date 7/1/91

00003

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Work Order #: B913568

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	GTW-E2B	TB-6A	TB-6B
Lab Code:	B3568-13	B3568-14	B3568-15
Date Analyzed:	06/27/91	06/27/91	06/27/91

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.1	ND	ND	ND
Ethylbenzene	0.1	ND	0.3	ND
Total Xylenes	0.1	ND	3.0	ND
TPH as Gasoline	5	ND	25	ND

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Shelton Date 7/11/91

00004

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Work Order #: B913568

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	SS-1C	SS-2C	Method Blank
Lab Code:	B3568-19	B3568-23	B3568-MB
Date Analyzed:	06/27/91	06/27/91	06/27/91

Analyte	MRL			
Benzene	0.05	0.20	ND	ND
Toluene	0.1	7.8	0.4	ND
Ethylbenzene	0.1	5.2	0.3	ND
Total Xylenes	0.1	55.4	10.0	ND
TPH as Gasoline	5	996	174	ND

TPH Total Petroleum Hydrocarbons

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by Dave Spilley

Date 7/11/91

00005

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/28/91
Work Order #: B913568

Total Recoverable Petroleum Hydrocarbons
SM Method 5520E/EPA Method 418.1
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
TP-1A	B3568-1	25	ND
TP-1B	B3568-2	25	ND
TP-2A	B3568-3	25	ND
U/D-SS-1	B3568-6	25	431
TP-3A	B3568-7	25	ND
TP-3B	B3568-8	25	32
TP-4A	B3568-9	25	363
TP-5A	B3568-10	25	ND
TP-5B	B3568-11	25	ND
GTW-E2A	B3568-12	25	ND

SM *Standard Methods for the Examination of Water and Wastewater, 17th Ed., 1989*
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Schell Date 7/11/91

00006

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/28/91
Work Order #: B913568

Total Recoverable Petroleum Hydrocarbons
SM Method 5520E/EPA Method 418.1
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
GTW-E2B	B3568-13	25	ND
TP-6A	B3568-14	25	86
TP-6B	B3568-15	25	74
SS-1C	B3568-19	25	616
SS-2C	B3568-23	25	307
Method Blank	B3568-MB	25	ND

SM Standard Methods for the Examination of Water and Wastewater, 17th Ed., 1989

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by Dave Etelman

Date 7/6/91

00007

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Analyzed: 07/02/91
Work Order #: B913568

Total Lead
EPA Method 7421
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
SS-1C Comp	K3568-19	3	6
SS-2C Comp	K3568-23	3	12
Method Blank	K3568-MB	3	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Edelman

Date 7/11/91

00008

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date TCLP Performed: 07/01/91
Date Analyzed: 07/03/91
Work Order #: B913568

Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Metals
mg/L (ppm) in TCLP Extract

Sample Name: U/D-SS-1
Lab Code: K3568-6
Method Blank K3568-MB

Analyte	Method	MRL	Regulatory Limit*		
Arsenic	3010/6010	0.1	5.0	ND	ND
Barium	3010/6010	0.1	100	0.6	ND
Cadmium	3010/6010	0.01	1.0	ND	ND
Chromium	3010/6010	0.01	5.0	ND	ND
Lead	3010/6010	0.05	5.0	ND	ND
Mercury	7470	0.001	0.2	ND	ND
Selenium	3010/6010	0.1	1.0	ND	ND
Silver	3010/6010	0.01	5.0	ND	ND

MRL Method Reporting Limit

* From 40 CFR Part 261, et al., and *Federal Register*, March 29, 1990 and June 29, 1990

ND None Detected at or above the method reporting limit

Approved by Dave Shelton

Date 7/11/91

00009

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/30/91
Date Analyzed: 07/04/91
Work Order #: B913568

Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080
mg/Kg (ppm)
Dry Weight Basis

Sample Name:
Lab Code:

U/D-SS-1
K3568-6

Method Blank
K3568-MB

Analyte	MRL		
Aroclor 1016	1	ND	ND
Aroclor 1221	1	ND	ND
Aroclor 1232	1	ND	ND
Aroclor 1242	1	ND	ND
Aroclor 1248	1	ND	ND
Aroclor 1254	1	ND	ND
Aroclor 1260	1	ND	ND
Total Aroclors	1	ND	ND

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by Dave E. [Signature]

Date 7/11/91

00010

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Work Order #: B913568

Volatile Organic Compounds
 EPA Method 8240 (Low Level)
 µg/Kg (ppb) Dry Weight Basis

Sample Name:	TP-1A	TP-1B	TP-2A
Lab Code:	K3568-1	K3568-2	K3568-3
Date Analyzed:	07/02/91	07/02/91	07/02/91

Analyte	MRL	TP-1A	TP-1B	TP-2A
Chloromethane	5	ND	ND	ND
Vinyl Chloride	5	ND	ND	ND
Bromomethane	5	ND	ND	ND
Chloroethane	5	ND	ND	ND
Trichlorofluoromethane (Freon 11)	5	ND	ND	ND
Trichlorotrifluoroethane (Freon 113)	10	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND
Acetone	50	82	58	61
Carbon Disulfide	5	ND	ND	ND
Methylene Chloride	10	22	23	19
trans-1,2-Dichloroethene	5	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND
2-Butanone (MEK)	10	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND
Chloroform	5	ND	ND	ND
1,1,1-Trichloroethane (TCA)	5	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND
Benzene	5	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND
Vinyl Acetate	10	ND	ND	ND
Trichloroethene (TCE)	5	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND
2-Chloroethyl Vinyl Ether	10	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND
2-Hexanone	10	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	10	ND	ND	ND
Toluene	5	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND
Tetrachloroethene (PCE)	5	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND
Chlorobenzene	5	ND	ND	ND
Ethylbenzene	5	ND	ND	ND
Styrene	5	ND	ND	ND
Total Xylenes	5	7.2	ND	ND
Bromoform	5	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND

MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Dave Schell Date 7/11/91

00011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL #4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/27/91
 Work Order #: B913568

Volatile Organic Compounds
 EPA Method 8240 (Low Level)
 µg/Kg (ppb) Dry Weight Basis

Sample Name: U/D-SS-1
 Lab Code: K3568-6
 Date Analyzed: 07/02/91

Analyte	MRL*	
Chloromethane	14	ND
Vinyl Chloride	14	ND
Bromomethane	14	ND
Chloroethane	14	ND
Trichlorofluoromethane (Freon 11)	14	ND
Trichlorotrifluoroethane (Freon 113)	27	ND
1,1-Dichloroethene	14	ND
Acetone	136	ND
Carbon Disulfide	14	ND
Methylene Chloride	27	55 ←
<i>trans</i> -1,2-Dichloroethene	14	ND
<i>cis</i> -1,2-Dichloroethene	14	ND
2-Butanone (MEK)	27	ND
1,1-Dichloroethane	14	ND
Chloroform	14	ND
1,1,1-Trichloroethane (TCA)	14	ND
Carbon Tetrachloride	14	ND
Benzene	14	ND
1,2-Dichloroethane	14	ND
Vinyl Acetate	27	ND
Trichloroethene (TCE)	14	ND
1,2-Dichloropropane	14	ND
Bromodichloromethane	14	ND
2-Chloroethyl Vinyl Ether	27	ND
<i>trans</i> -1,3-Dichloropropene	14	ND
2-Hexanone	27	ND
4-Methyl-2-pentanone (MIBK)	27	ND
Toluene	14	ND
<i>cis</i> -1,3-Dichloropropene	14	ND
1,1,2-Trichloroethane	14	ND
Tetrachloroethene (PCE)	14	ND
Dibromochloromethane	14	ND
Chlorobenzene	14	ND
Ethylbenzene	14	ND
Styrene	14	ND
Total Xylenes	14	29 ←
Bromoform	14	ND
1,1,2,2-Tetrachloroethane	14	ND
1,3-Dichlorobenzene	14	ND
1,4-Dichlorobenzene	14	ND
1,2-Dichlorobenzene	14	ND

MRL Method Reporting Limit
 * Elevated MRLs because of matrix interferences.
 ND None Detected at or above the method reporting limit

Approved by Dave Edelman Date 7/11/91

00012

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Work Order #: B913568

Volatile Organic Compounds
 EPA Method 8240 (Low Level)
 µg/Kg (ppb) Dry Weight Basis

Sample Name:
Lab Code:
Date Analyzed:

Method Blank
K3568-MB
07/02/91

Analyte	MRL	
Chloromethane ✓	5	ND
Vinyl Chloride ✓	5	ND
Bromomethane ✓	5	ND
Chloroethane ✓	5	ND
Trichlorofluoromethane (Freon 11)	5	ND
Trichlorotrifluoroethane (Freon 113)	10	ND
1,1-Dichloroethane	5	ND
Acetone	50	ND
Carbon Disulfide	5	ND
Methylene Chloride ✓	10	ND
trans-1,2-Dichloroethene ✓	5	ND
cis-1,2-Dichloroethene ✓	5	ND
2-Butanone (MEK)	10	ND
1,1-Dichloroethane ✓	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane (TCA)	5	ND
Carbon Tetrachloride	5	ND
Benzene	5	ND
1,2-Dichloroethane ✓	5	ND
Vinyl Acetate	10	ND
Trichloroethene (TCE) ✓	5	ND
1,2-Dichloropropane ✓	5	ND
Bromodichloromethane ✓	5	ND
2-Chloroethyl Vinyl Ether ✓	10	ND
trans-1,3-Dichloropropene ✓	5	ND
2-Hexanone	10	ND
4-Methyl-2-pentanone (MIBK)	10	ND
Toluene	5	ND
cis-1,3-Dichloropropene ✓	5	ND
1,1,2-Trichloroethane ✓	5	ND
Tetrachloroethene (PCE) ✓	5	ND
Dibromochloromethane ✓	5	ND
Chlorobenzene ✓	5	ND
Ethylbenzene	5	ND
Styrene	5	ND
Total Xylenes	5	ND
Bromoform ✓	5	ND
1,1,2,2-Tetrachloroethane ✓	5	ND
1,3-Dichlorobenzene ✓	5	ND
1,4-Dichlorobenzene ✓	5	ND
1,2-Dichlorobenzene ✓	5	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave S. [Signature]

Date 7/11/91

00013

APPENDIX A
LABORATORY QC RESULTS

00014

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/28/91
Work Order #: B913568

QA/QC Report
Surrogate Recovery Summary
Hydrocarbon Scan
EPA Methods 3550/Modified 8015

Sample Name	Lab Code	Percent Recovery <i>p</i> -Terphenyl
TP-1A	B3568-1	99.1
TP-1B	B3568-2	101
TP-2A	B3568-3	96.7
U/D-SS-1	B3568-6	93.4
TP-1B	B3568-2MS	96.1
TP-1B	B3568-2DMS	101
Method Blank	B3568-MB	99.4

CAS Acceptance Criteria 64-123

Approved by Dave E. [Signature]

Date 7/11/91

00015

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/28/91
Work Order #: B913568

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary
Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name: TP-1B
Lab Code: B3568-2

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Diesel	421	480	ND	405	492	96.2	103	45-120	6.8

ND None Detected at or above the method reporting limit

Approved by Dave Ehlman

Date 7/1/91

00016

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/27/91
Work Order #: B913568

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 BTEX
 EPA Methods 5030/8020/Modified 8015
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: TB-6B
Lab Code: B3568-15

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Benzene	0.88	0.86	ND	0.68	0.66	77.3	76.7	39-150	0.8
Toluene	0.88	0.86	ND	0.69	0.68	78.4	79.1	46-148	0.9
Ethylbenzene	0.88	0.86	ND	0.69	0.68	78.4	79.1	32-160	0.9

ND None Detected at or above the method reporting limit

Approved by Dave Shelton

Date 7/1/91

00017

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/27/91
Work Order #: B913568

QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
TP-3A	B3568-7	108
TP-3B	B3568-8	98.8
TP-4A	B3568-9	102
TP-5A	B3568-10	98.4
TP-5B	B3568-11	104
GTW-E2A	B3568-12	102
GTW-E2B	B3568-13	101
TB-6A	B3568-14	103
TB-6B	B3568-15	101
TB-6B	B3568-15MS	103

CAS Acceptance Criteria 50-130

TPH Total Petroleum Hydrocarbons

Approved by Dave Ebel, J

Date 7/11/91

00018

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/27/91
Work Order #: B913568

QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
TB-6B	B3568-15DMS	102
SS-1C	B3568-19	90.8
SS-2C	B3568-23	106
Method Blank	B3568-MB	104
	CAS Acceptance Criteria	50-130

TPH Total Petroleum Hydrocarbons

Approved by Dave Schlemmer

Date 7/10/91

00019

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/27/91
Date Analyzed: 06/28/91
Work Order #: B913568

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary
Total Recoverable Petroleum Hydrocarbons
SM Method 5520E/EPA Method 418.1
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
TP-5B	B3568-11MS	25	332	ND	344	104	75-125
TP-5B	B3568-11DMS	25	343	ND	386	113	75-125

SM Standard Methods for the Examination of Water and Wastewater, 17th Ed., 1989
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Edelman Date 7/11/91

00020

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date TCLP Performed: 07/01/91
Date Analyzed: 07/03/91
Work Order #: B913568

QA/QC Report
 Duplicate Summary
 Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

Sample Name: U/D-SS-1
Lab Code: K3568-6

Analyte	Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference
Arsenic	3010/6010	0.1	ND	ND	ND	--
Barium	3010/6010	0.1	0.6	0.6	0.6	<1
Cadmium	3010/6010	0.01	ND	ND	ND	--
Chromium	3010/6010	0.01	ND	ND	ND	--
Lead	3010/6010	0.05	ND	ND	ND	--
Mercury	7470	0.001	ND	ND	ND	--
Selenium	3010/6010	0.1	ND	ND	ND	--
Silver	3010/6010	0.01	ND	ND	ND	--

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Edelmann Date 7/11/91

00021

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date TCLP Performed: 07/01/91
Date Analyzed: 07/03/91
Work Order #: B913568

QA/QC Report
 Matrix Spike Summary
 Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

Sample Name: U/D-SS-1
Lab Code: K3568-1

Analyte	Method	Spike Level	MRL	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
Arsenic	3010/6010	5.0	0.1	ND	5.1	102	75-125
Barium	3010/6010	5.0	0.1	0.6	5.4	96	75-125
Cadmium	3010/6010	1.0	0.01	ND	0.96	96	75-125
Chromium	3010/6010	5.0	0.01	ND	4.86	97	75-125
Lead	3010/6010	5.0	0.05	ND	4.89	78	75-125
Mercury	7470	0.01	0.001	ND	0.011	110	75-125
Selenium	3010/6010	1.0	0.1	ND	1.0	100	75-125
Silver	3010/6010	1.0	0.01	ND	0.94	94	75-125

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave S. [Signature] Date 7/11/91

00022

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Extracted: 06/30/91
Date Analyzed: 07/04/91
Work Order #: B913568

QA/QC Report
Surrogate Recovery Summary
Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080

Sample Name	Lab Code	Percent Recovery Decachlorobiphenyl
U/D-SS-1 Comp	K3568-6	116
Method Blank	K3568-MB	113
	CAS Acceptance Criteria	30-127

Approved by Dave S. [Signature]

Date 7/11/91

00023

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/27/91
Date Analyzed: 07/02/91
Work Order #: B913568

QA/QC Report
Surrogate Recovery Summary
Volatile Organic Compounds
EPA Method 8240 (Low Level)

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		1,2-Dichloroethane - D ₄	Toluene - D ₈	4-Bromofluorobenzene
TP-1A	K3568-1	105	96.8	99.2
TP-1B	K3568-2	107	93.2	106
TP-2A	K3568-3	112	102	102
U/D-SS-1 Comp	K3568-6	106	92.9	104
Method Blank	K3568-MB	102	97.8	101
EPA Acceptance Criteria		70-121	81-117	74-121

Approved by Dave Stahel Date 7/11/91

00024

APPENDIX B
CHAIN OF CUSTODY INFORMATION

00025

Laboratory Analysis Request

Sweet-Edwards / EMCOR, Inc.
 Keiso, WA (206) 423-3580
 Bothell, WA (206) 485-5000

DATE 6/27/91 PAGE 1 OF 1

PROJECT UNOCOR 4511, Bellevue # 4240802
 CLIENT INFO: John North / Jeff Kirtland
 CONTACT: SR/R. BODIN
 ADDRESS: SR/R. BODIN
 TELEPHONE# 485-5000
 SAMPLERS NAME Jeff Kirtland PHONE# 485-5000
 SAMPLERS SIGNATURE [Signature]

ANALYSIS REQUESTED										GENERAL CHEMISTRY (Specify)										OTHER (Specify)
GC/MS/625/8270	GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . CI	SO ₄	Ca, Mg, Na, K	8029/805m / g/s	418.1	PTD	NUMBER OF CONTAINERS		
BASE/NEU/ACID ORGAN.	VOLATILE ORGANICS	ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . CI	SO ₄	Ca, Mg, Na, K	8029/805m / g/s	418.1	PTD	2		
	GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . CI	SO ₄	Ca, Mg, Na, K	8029/805m / g/s	418.1	PTD	2		
	GC/MS/625/8270	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . CI	SO ₄	Ca, Mg, Na, K	8029/805m / g/s	418.1	PTD	2		
	GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . CI	SO ₄	Ca, Mg, Na, K	8029/805m / g/s	418.1	PTD	2		
	GC/MS/625/8270	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . CI	SO ₄	Ca, Mg, Na, K	8029/805m / g/s	418.1	PTD	2		
	GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . CI	SO ₄	Ca, Mg, Na, K	8029/805m / g/s	418.1	PTD	2		
	GC/MS/625/8270	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . CI	SO ₄	Ca, Mg, Na, K	8029/805m / g/s	418.1	PTD	2		

SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE
1. SS-1	6/27/91	1330		Soil
2. SS-2		1335		Report on composite
3. SS-3		1340		Report on SS-1c
4. SS-4		1345		Report on composite
5. SS-5		1350		Report on SS-2c
6. SS-6		1355		
7.				
8.				

Relinquished By Sweet, Edwards & Assoc.

Signature: [Signature]
 Printed Name: Jeff Kirtland
 Firm: SWE
 Date/Time: 6/27/91 1546

Relinquished By: [Signature]
 Signature: [Signature]
 Printed Name: Ruth Oulwan
 Firm: CAS
 Date/Time: 6/28/91 1600

Received By: [Signature]
 Signature: [Signature]
 Printed Name: Ruth Allison
 Firm: CAS
 Date/Time: 6/28/91 1540

PROJECT INFORMATION

Shipping I.D. No. Hand Delivered

VIA Hand Delivered

Project Hand Delivered

LAB NO. Hand Delivered

SPECIAL INSTRUCTIONS/COMMENTS

48 hour turnaround

Chain of Custody /

Laboratory Analysis Request

et-l arc EM...ll, Inc.
Kelso, WA (206) 423-3580
Bothell, WA (206) 485-5000

DATE 6/27/91 PAGE 1 OF 1

PROJECT	ANALYSIS REQUESTED										GENERAL CHEMISTRY (Specify)										OTHER (Specify)
	GC/MS/NEU/ACID ORGAN.	VOLATILE ORGANICS	GC/MS/64/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Insl.)	TCLP ORGANICS	PH. COND ALK	NO ₃ /NO ₂ . Cl	SO ₄	Ca, Mg, Na, K	8020/815m Gas Dlx	8015m Semi. TCLP & Metals	418.1	8080 PCB	PID PPM	NUMBER OF CONTAINERS
1. TP-1A			X													X				3	
2. TP-1B			X													X				3	
3. TP-2A			X													X				3	
4. W/D-SS-A			X													X				3	
5. W/D-SS-B			X													X				3	
6. TP-3A																X				2	
7. TP-3B																X				2	
8. TP-4A																X				2	

PROJECT INFORMATION		SPECIAL INSTRUCTIONS/COMMENTS	
Relinquished By	Signature	Received By	Signature
Signature	Printed Name	Signature	Printed Name
Printed Name	Firm	Printed Name	Firm
Firm	Date/Time	Date/Time	Date/Time
Shipping I.D. No.	Project		
VIA	LAB NO.		
Received in good condition	Total No. of Containers		
Chain of Custody Seals	Received in good condition		

Relinquished By	Received By
Signature	Signature
Printed Name	Printed Name
Firm	Firm
Date/Time	Date/Time

Relinquished By	Received By
Signature	Signature
Printed Name	Printed Name
Firm	Firm
Date/Time	Date/Time

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.

S-E/E 400-05

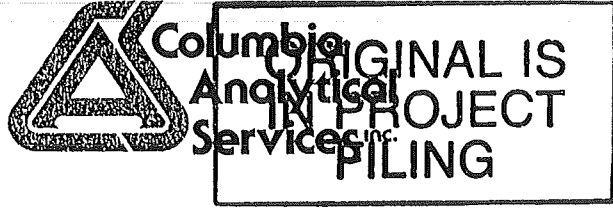
72000

Laboratory Analysis Request

et-1 arc EM *Co., Inc.*
 Kelso, WA (206) 423-3580
 Bothell, WA (206) 485-5000

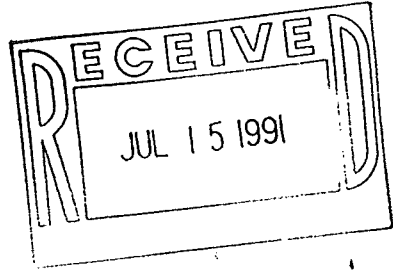
DATE 6/27/91 PAGE 2 OF 02

PROJECT		ANALYSIS REQUESTED										GENERAL CHEMISTRY (Specify)										OTHER (Specify)																											
CLIENT INFO.	CONTACT	ADDRESS	TELEPHONE#	SAMPLERS NAME	SAMPLERS SIGNATURE	PHONE#	SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE	BASE/NEU/ACID ORGAN.	GC/MS/625/8270	VOLATILE ORGANICS	GC/MS/624/8240	HALOGENATED VOLATILE	ORGANICS 601/8010	PHENOLICS	604/8040	POLYNUCLEAR	AROMATIC 610/8310	TOTAL ORGANIC CARBON	(TOC) 415/9060	TOTAL ORGANIC HALIDE	(TOX) 9020	EP TOX/TCLP METALS	(Circle One)	METALS (TOTAL) <i>Lead</i>	(See Special Inst.) <i>only</i>	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ . Cl	SO ₄	Ca, Mg, Na, K	800/e45m Gor/BPX	4181	NUMBER OF CONTAINERS											
PROJECT <u>UNOCAL 457L, Bellevue, WA # 112468.02</u>		CONTACT <u>John North/Jeff Kurland</u>		ADDRESS <u>SE/E Bobell</u>		TELEPHONE# <u>485-5000</u>		SAMPLERS NAME <u>Jeff Kurland</u>		SAMPLERS SIGNATURE <u>[Signature]</u>		PHONE# <u>485-5000</u>		1. TP-5A		6/26		1245				Soil		X		X		X		X		X		X		X		X		5		2							
2. TP-5B		6/26		1255								X		X		X		X		X		X		X		X		X		X		X		X		X		41		2									
3. GTW-B2A		6/26		1300								X		X		X		X		X		X		X		X		X		X		X		X		X		115		2									
4. GTW-B2B		6/26		1310								X		X		X		X		X		X		X		X		X		X		X		X		X		93		2									
5. TP-6A		6/26		1320								X		X		X		X		X		X		X		X		X		X		X		X		X		73		2									
6. TP-6B		6/26		1330								X		X		X		X		X		X		X		X		X		X		X		X		X		116		2									
7. /		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/							
8. /		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/		/							
Relinquished By Sweet, Edwards & Assoc.		Signature <u>[Signature]</u>		Printed Name <u>JEFF KURLAND</u>		Firm <u>SE/E</u>		Date/Time <u>6/27/91 120</u>		Relinquished By <u>Ruth Allison</u>		Signature <u>[Signature]</u>		Printed Name <u>Ruth Allison</u>		Firm <u>CAS</u>		Date/Time <u>6/28/91 1000</u>		Relinquished By <u>[Signature]</u>		Signature <u>[Signature]</u>		Printed Name <u>CAS</u>		Firm <u>SYMP</u>		Date/Time <u>6/27/91 120</u>		Relinquished By <u>[Signature]</u>		Signature <u>[Signature]</u>		Printed Name <u>CAS</u>		Firm <u>SYMP</u>		Date/Time <u>6/27/91 120</u>		Relinquished By <u>[Signature]</u>		Signature <u>[Signature]</u>		Printed Name <u>CAS</u>		Firm <u>SYMP</u>		Date/Time <u>6/27/91 120</u>	
PROJECT INFORMATION		Hand Delivered		Shipping I.D. No.		VIA		Project		SPECIAL INSTRUCTIONS/COMMENTS		Turnaround - See Page #1		Total No. of Containers		Chain of Custody Seals		Received in good condition		LAB NO.																													



July 11, 1991

John North
Sweet-Edwards/EMCON, Inc.
18912 N Creek Parkway
Suite 210
Bothell, WA 98011



Re: UNOCAL #4511 - Bellevue/Project #U24-08.02

Dear John:

Enclosed are the results of the samples submitted to our lab on June 20, 1991. Preliminary results were transmitted via facsimile on July 8 and 9, 1991. For your reference, our service request number for this work is B913421.

All analyses were performed in accordance with the laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Colin B. Elliott
Senior Project Chemist

CBE/das

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/24/91
Date Analyzed: 06/28/91
Work Order #: B913421

Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Gasoline	Diesel	Other*
DW-1	B3421-1	10	**1,940	ND	ND
DW-2	B3421-2	10	**2,050	ND	ND
Method Blank	B3421-MB	10	ND	ND	ND

MRL Method Reporting Limit

* Quantitated using hydraulic oil as a standard, the MRL for this product is four times the listed MRL.

** Reported as gasoline but pattern resembles mineral spirits.

ND None Detected at or above the method reporting limit

Approved by

Colin Elliott

Date

7/11/91

00001

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/21/91
Date Analyzed: 06/22/91
Work Order #: B913421

Total Recoverable Petroleum Hydrocarbons
SM Method 5520E/EPA Method 418.1
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
DW-1	B3421-1	25	1,260
DW-2	B3421-2	25	1,690
Method Blank	B3421-MB	25	ND

SM Standard Methods for the Examination of Water and Wastewater, 17th Ed., 1989
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by

Cheri Elliott

Date

7/11/91

00002

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date TCLP Performed: 06/26/91
Date Analyzed: 07/01/91
Work Order #: B913421

Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

Sample Name: DW-1 DW-2 Method Blank
 Lab Code: K3421-1 K3421-2 K3421-MB

Analyte	Method	MRL	Regulatory Limit*	DW-1	DW-2	Method Blank
Arsenic	3010/6010	0.1	5.0	ND	ND	ND
Barium	3010/6010	0.1	100	0.6	0.6	ND
Cadmium	3010/6010	0.01	1.0	ND	ND	ND
Chromium	3010/6010	0.01	5.0	ND	ND	ND
Lead	3010/6010	0.05	5.0	ND	ND	ND
Mercury	7470	0.001	0.2	ND	ND	ND
Selenium	3010/6010	0.1	1.0	ND	ND	ND
Silver	3010/6010	0.01	5.0	ND	ND	ND

MRL Method Reporting Limit

* From 40 CFR Part 261, et al., and *Federal Register*, March 29, 1990 and June 29, 1990

ND None Detected at or above the method reporting limit

Approved by Cheri Elliott Date 7/11/91

00003

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/27/91
Date Analyzed: 07/01/91
Work Order #: B913421

Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080
mg/Kg (ppm)
Dry Weight Basis

Sample Name: DW-1 DW-2 Method Blank
Lab Code: K3421-1 K3421-2 K3421-MB

Analyte	MRL	DW-1	DW-2	Method Blank
Aroclor 1016	1	ND	ND	ND
Aroclor 1221	1	ND	ND	ND
Aroclor 1232	1	ND	ND	ND
Aroclor 1242	1	ND	ND	ND
Aroclor 1248	1	ND	ND	ND
Aroclor 1254	1	ND	ND	ND
Aroclor 1260	1	ND	ND	ND
Total Aroclors	1	ND	ND	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Colvin Elliott Date 7/11/91

00004

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc. Date Received: 06/20/91
 Project: UNOCAL #4511 - Bellevue Date Extracted: 07/03/91
 Sample Matrix: Soil Work Order #: B913421

Volatile Organic Compounds
 EPA Method 8240
 mg/Kg (ppm) Dry Weight Basis

Sample Name: DW-1 DW-2 Method Blank
 Lab Code: K3421-1 K3421-2 K3421-MB
 Date Analyzed: 07/03/91 07/03/91 07/03/91

Analyte	MRL*	DW-1	DW-2	Method Blank
Chloromethane	0.5	ND	ND	ND
Vinyl Chloride	0.5	ND	ND	ND
Bromomethane	0.5	ND	ND	ND
Chloroethane	0.5	ND	ND	ND
Trichlorofluoromethane (Freon 11)	0.05	ND	ND	ND
Trichlorotrifluoroethane (Freon 113)	0.5	ND	ND	ND
1,1-Dichloroethene	0.1	ND	ND	ND
Acetone	1.0	ND	ND	ND
Carbon Disulfide	0.05	ND	ND	ND
Methylene Chloride	0.5	ND	ND	ND
trans-1,2-Dichloroethene	0.05	ND	ND	ND
cis-1,2-Dichloroethene	0.05	ND	ND	ND
2-Butanone (MEK)	0.5	ND	ND	ND
1,1-Dichloroethane	0.05	ND	ND	ND
Chloroform	0.05	ND	ND	ND
1,1,1-Trichloroethane (TCA)	0.05	ND	ND	ND
Carbon Tetrachloride	0.05	ND	ND	ND
Benzene	0.05	ND	ND	ND
1,2-Dichloroethane	0.05	ND	ND	ND
Vinyl Acetate	0.5	ND	ND	ND
Trichloroethene (TCE)	0.05	ND	ND	ND
1,2-Dichloropropane	0.05	ND	ND	ND
Bromodichloromethane	0.05	ND	ND	ND
2-Chloroethyl Vinyl Ether	0.5	ND	ND	ND
trans-1,3-Dichloropropene	0.05	ND	ND	ND
2-Hexanone	0.5	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	0.5	ND	ND	ND
Toluene	0.05	ND	ND	ND
cis-1,3-Dichloropropene	0.05	ND	ND	ND
1,1,2-Trichloroethane	0.05	ND	ND	ND
Tetrachloroethene (PCE)	0.05	ND	ND	ND
Dibromochloromethane	0.05	ND	ND	ND
Chlorobenzene	0.05	ND	ND	ND
Ethylbenzene	0.05	0.12	ND	ND
Styrene	0.05	ND	ND	ND
Total Xylenes	0.05	2.08	1.45	ND
Bromoform	0.05	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.05	ND	ND	ND
1,3-Dichlorobenzene	0.05	ND	ND	ND
1,4-Dichlorobenzene	0.05	ND	ND	ND
1,2-Dichlorobenzene	0.05	ND	ND	ND

MRL Method Reporting Limit

* Elevated MRLs because of matrix interferences and because the sample required dilution.

ND None Detected at or above the method reporting limit

00005

Approved by

Chris Elliott

Date

7/11/91

APPENDIX A
LABORATORY QC RESULTS

00006

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL #4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date TCLP Performed: 06/26/91
 Date Analyzed: 07/01/91
 Work Order #: B913421

QA/QC Report
 Duplicate Summary
 Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

Sample Name: DW-1
 Lab Code: K3421-1

Analyte	Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference
Arsenic	3010/6010	0.1	ND	ND	ND	--
Barium	3010/6010	0.1	0.6	0.6	0.6	<1
Cadmium	3010/6010	0.01	ND	ND	ND	--
Chromium	3010/6010	0.01	ND	ND	ND	--
Lead	3010/6010	0.05	ND	ND	ND	--
Mercury	7470	0.001	ND	ND	ND	--
Selenium	3010/6010	0.1	ND	ND	ND	--
Silver	3010/6010	0.01	ND	ND	ND	--

MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Colin Elliott Date 7/11/91

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL #4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date TCLP Performed: 06/26/91
 Date Analyzed: 07/01/91
 Work Order #: B913421

QA/QC Report
 Matrix Spike Summary
 Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

Sample Name: DW-1
 Lab Code: K3421-1

Analyte	Method	Spike Level	MRL	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
Arsenic	3010/6010	5.0	0.1	ND	5.0	100	75-125
Barium	3010/6010	5.0	0.1	0.6	5.6	100	75-125
Cadmium	3010/6010	1.0	0.01	ND	0.97	97	75-125
Chromium	3010/6010	5.0	0.01	ND	4.92	98	75-125
Lead	3010/6010	5.0	0.05	ND	4.80	96	75-125
Mercury	7470	0.01	0.001	ND	0.010	100	75-125
Selenium	3010/6010	1.0	0.1	ND	1.1	110	75-125
Silver	3010/6010	1.0	0.01	ND	0.92	92	75-125

MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Colin Elliott Date 7/11/91

00009

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/27/91
Date Analyzed: 07/01/91
Work Order #: B913421

QA/QC Report
Surrogate Recovery Summary
Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080

Sample Name	Lab Code	Percent Recovery Decachlorobiphenyl
DW-1	K3421-1	122
DW-2	K3421-2	127
Method Blank	K3421-MB	114

CAS Acceptance Criteria 30-127

Approved by

Cheri Elliott

Date

7/11/91

00010

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Analyzed: 07/03/91
Work Order #: B913421

QA/QC Report
Surrogate Recovery Summary
Volatile Organic Compounds
EPA Method 8240 (High Level)

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		1,2-Dichloroethane - D ₄	Toluene - D ₈	4-Bromofluorobenzene
DW-1	K3421-1	101	101	94.3
DW-2	K3421-2	87.9	117	91.0
Method Blank	K3421-MB	116	106	112
EPA Acceptance Criteria		70-121	81-117	74-121

Approved by

Colin Elliott

Date

7/11/91

00011

B-12

Laboratory Analysis Request

DATE 6/20/91 PAGE 1 OF 1

PROJECT UNOCML 4511 / Bellevue # U2408.02

CLIENT INFO. John North SE/R

CONTACT Bobell

ADDRESS 485-5000

TELEPHONE# 485-5000

SAMPLERS NAME Jeff Knudsen

SAMPLERS SIGNATURE Jeff Knudsen

PHONE# 485-5000

SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE	ANALYSIS REQUESTED																												
					GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS (See Special Inst.)	PH. COND ALK NO ₃ /NO ₂ , Cl SO ₄	Ca, Mg, Na, K	6015 Semi	418.1	8000 PCB	TCLP 1311/6008/1100 <i>6008/1100</i>	OTHER (Specify)													
1. DW-1	6/20/91	1430		soil									X			X	X	X										3					
2. DW-2	6/20/91	1430		soil									X			X	X	X											3	PFD			
3.																																	
4.																																	
5.																																	
6.																																	
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8.																																	

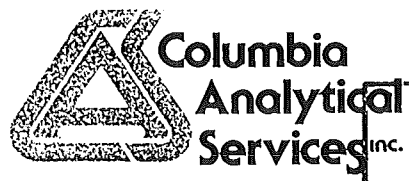
Relinquished By	Signature <u>T. J. Sweet</u>	Printed Name <u>T. J. Sweet</u>	Firm <u>SE/R</u>	Date/Time <u>6/20/91 1610</u>
Relinquished By	Signature <u>John North</u>	Printed Name <u>John North</u>	Firm <u>SE/R</u>	Date/Time <u>6-20-91 1610</u>
Relinquished By	Signature <u>Stan Spurgeon</u>	Printed Name <u>Stan Spurgeon</u>	Firm <u>SE/R</u>	Date/Time <u>6-20-91 1610</u>

PROJECT INFORMATION	Shipping I.D. No. <u>Hand Delivered</u>
SAMPLE RECEIPT	Total No. of Containers
	Chain of Custody Seals
	Received in good condition
	LAB NO. <u>391-</u>

SPECIAL INSTRUCTIONS/COMMENTS

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.

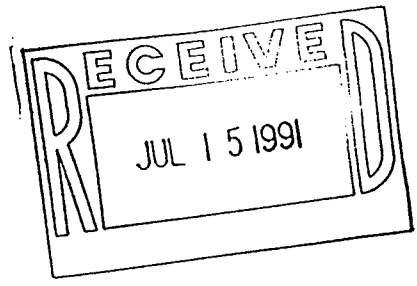
4



ORIGINAL IS IN PROJECT FILING

July 11, 1991

John North
Sweet-Edwards/EMCON, Inc.
18912 N Creek Parkway
Suite 210
Bothell, WA 98011



Re: UNOCAL 4511 - Bellevue/Project #U24-08.02

Dear John:

Enclosed are the results of the samples submitted to our lab on June 20, 1991. Preliminary results were telephoned on June 24, 1991, and transmitted via facsimile on July 8, 9 and 10, 1991. For your reference, our service request number for this work is B913406.

All analyses were performed in accordance with the laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Dave Edelmann for
Colin B. Elliott
Senior Project Chemist

CBE/so

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Analyzed: 07/02/91
Work Order #: B913406

Total Lead
EPA Method 7420
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
NPI-1	K3406-1	3	ND
Method Blank	K3406-MB	3	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Ehlman Date 7/12/91

00001

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/21/91
Date Analyzed: 06/22/91
Work Order #: B913406

Total Recoverable Petroleum Hydrocarbons
SM Method 5520E/EPA Method 418.1
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
NUHOW-1	B3406-2	25	35,400
EUHOW-1	B3406-3	25	26
W/SUHOW1	B3406-6	25	90
UOF-1	B3406-7	25	ND
UOF-2	B3406-8	25	90
HOF-1	B3406-9	25	ND
Method Blank	B3406-MB	25	ND

SM Standard Methods for the Examination of Water and Wastewater, 17th Ed., 1989

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by Dave Edelman Date 7/12/91

00002

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/20/91
Date Analyzed: 06/21/91
Work Order #: B913406

Hydrocarbon Scan
EPA Methods 3550/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Gasoline	Diesel	Other*
NUHOW-1	B3406-2	10	ND	ND	17,400
EUHOW-1	B3406-3	10	ND	ND	ND
SUHOW-1, WUHOW-1 Comp	B3406-6	10	ND	ND	ND
UOF-1	B3406-7	10	ND	ND	ND
UOF-2	B3406-8	10	ND	ND	ND
HOF-1	B3406-9	10	ND	ND	ND
Method Blank	B3406-MB	10	ND	ND	ND

MRL Method Reporting Limit

* Quantitated using hydraulic oil as a standard, the MRL for this product is four times the listed MRL.

ND None Detected at or above the method reporting limit

Approved by Dave Eshelby Date 7/12/91

00003

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL 4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date Extracted: 07/01/91
 Work Order #: B913406

Halogenated Volatile Organic Compounds
 EPA Methods 5030/8010
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name:
 Lab Code:
 Date Analyzed:

Method Blank
 K3406-MB
 07/01/91

Analyte	MRL	
Dichlorodifluoromethane (Freon 12)	0.1	ND
Chloromethane	0.1	ND
Vinyl Chloride	0.05	ND
Bromomethane	0.05	ND
Chloroethane	0.05	ND
Trichlorofluoromethane (Freon 11)	0.05	ND
1,1-Dichloroethene	0.05	ND
Trichlorotrifluoroethane (Freon 113)	0.05	ND
Methylene Chloride	0.2	ND
<i>trans</i> -1,2-Dichloroethene	0.05	ND
<i>cis</i> -1,2-Dichloroethene	0.05	ND
1,1-Dichloroethane	0.05	ND
Chloroform	0.05	ND
1,1,1-Trichloroethane (TCA)	0.05	ND
Carbon Tetrachloride	0.05	ND
1,2-Dichloroethane	0.05	ND
Trichloroethene (TCE)	0.05	ND
1,2-Dichloropropane	0.05	ND
Bromodichloromethane	0.05	ND
2-Chloroethyl Vinyl Ether	0.5	ND
<i>trans</i> -1,3-Dichloropropene	0.05	ND
<i>cis</i> -1,3-Dichloropropene	0.05	ND
1,1,2-Trichloroethane	0.05	ND
Tetrachloroethene (PCE)	0.05	ND
Dibromochloromethane	0.05	ND
Chlorobenzene	0.05	ND
Bromoform	0.05	ND
1,1,2,2-Tetrachloroethane	0.05	ND
1,3-Dichlorobenzene	0.1	ND
1,4-Dichlorobenzene	0.1	ND
1,2-Dichlorobenzene	0.1	ND

MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Dave Edelmann Date 7/12/91

00005

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL 4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date Extracted: 06/21/91
 Work Order #: B913406

BTEX and TPH as Gasoline
 EPA Methods 5030/8020/Modified 8015
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name:	NPI-1	UOF-1	UOF-2
Lab Code:	B3406-1	B3406-7	B3406-8
Date Analyzed:	06/21/91	06/21/91	06/21/91

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.1	ND	ND	ND
Ethylbenzene	0.1	ND	ND	ND
Total Xylenes	0.1	ND	ND	ND
TPH as Gasoline	5	ND	ND	ND

TPH Total Petroleum Hydrocarbons
 MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Dave Edelman Date 7/12/91

00006

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/21/91
Work Order #: B913406

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:
Lab Code:
Date Analyzed:

Method Blank
B3406-MB
06/21/91

Analyte	MRL	
Benzene	0.05	ND
Toluene	0.1	ND
Ethylbenzene	0.1	ND
Total Xylenes	0.1	ND
TPH as Gasoline	5	ND

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Edelman Date 7/12/91

00007

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/28/91
Date Analyzed: 07/04/91
Work Order #: B913406

Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080
mg/Kg (ppm)
Dry Weight Basis

Sample Name: UOF-1 UOF-2 Method Blank
Lab Code: B3406-7 B3406-8 B3406-MB

Analyte	MRL			
Aroclor 1016	1	ND	ND	ND
Aroclor 1221	1	ND	ND	ND
Aroclor 1232	1	ND	ND	ND
Aroclor 1242	1	ND	ND	ND
Aroclor 1248	1	ND	ND	ND
Aroclor 1254	1	ND	ND	ND
Aroclor 1260	1	ND	ND	ND
Total Aroclors	1	ND	ND	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Spilner Date 7/12/91

00008

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Sweet-Edwards/EMCON, Inc.	Date Received:	06/20/91
Project:	UNOCAL 4511 - Bellevue	Date TCLP Performed:	06/26/91
Sample Matrix:	Soil	Date Analyzed:	07/01/91
		Work Order #:	B913406

Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Metals
mg/L (ppm) in TCLP Extract

Sample Name:	UOF-2	HOF-1	Method Blank
Lab Code:	K3406-8	K3406-9	K3406-MB

Analyte	Method	MRL	Regulatory Limit*			
Arsenic	3010/6010	0.1	5.0	ND	ND	ND
Barium	3010/6010	0.1	100	0.6	0.4	ND
Cadmium	3010/6010	0.01	1.0	ND	ND	ND
Chromium	3010/6010	0.01	5.0	ND	ND	ND
Lead	3010/6010	0.05	5.0	ND	ND	ND
Mercury	7470	0.001	0.2	ND	ND	ND
Selenium	3010/6010	0.1	1.0	ND	ND	ND
Silver	3010/6010	0.01	5.0	ND	ND	ND

MRL Method Reporting Limit
***** From 40 CFR Part 261, et al., and *Federal Register*, March 29, 1990 and June 29, 1990
ND None Detected at or above the method reporting limit

Approved by Dave Edman Date 7/12/91

00009

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Sweet-Edwards/EMCON, Inc.	Date Received:	06/20/91
Project:	UNOCAL 4511 - Bellevue	Date TCLP Performed:	06/26/91
Sample Matrix:	Soil	Date Extracted:	06/30/91
		Date Analyzed:	07/03/91
		Work Order #:	B913406

Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Semivolatile Organic Compounds
mg/L (ppm) in TCLP Extract

Sample Name:	UOF-2	HOF-1
Lab Code:	B3406-8	B3406-9

Analyte	Method	MRL	Regulatory Limit*		
Hexachloroethane	3510/8015M	0.05	3	ND	ND
Nitrobenzene	3510/8015M	0.05	2	ND	ND
Hexachlorobutadiene	3510/8015M	0.05	0.5	ND	ND
2,4-Dinitrotoluene	3510/8015M	0.05	0.13	ND	ND
Hexachlorobenzene	3510/8015M	0.05	0.13	ND	ND
2,4,6-Trichlorophenol	3510/8040	0.05	2	ND	ND
2,4,5-Trichlorophenol	3510/8040	0.05	400	ND	ND
Pentachlorophenol	3510/8040	0.2	100	ND	ND
Pyridine	3510/8015M	0.2	5	ND	ND
<i>o</i> -Cresol	3510/8040	0.05	200	ND	ND
<i>m,p</i> -Cresols	3510/8040	0.1	200	ND	ND
Total Cresols	3510/8040	0.15	200	ND	ND

MRL Method Reporting Limit
***** From 40 CFR Part 261, et al., and *Federal Register*, March 29, 1990 and June 29, 1990
M Modified Method
ND None Detected at or above the method reporting limit

Approved by Dave Edelman, J Date 7/12/91

00010

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Sweet-Edwards/EMCON, Inc.	Date Received:	06/20/91
Project:	UNOCAL 4511 - Bellevue	Date TCLP Performed:	06/26/91
Sample Matrix:	Soil	Date Extracted:	06/30/91
		Date Analyzed:	07/03/91
		Work Order #:	B913406

Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Semivolatile Organic Compounds
 mg/L (ppm) in TCLP Extract

Sample Name: Methbd Blank
 Lab Code: B3406-MB

Analyte	Method	MRL	Regulatory Limit*	
Hexachloroethane	3510/8015M	0.05	3	ND
Nitrobenzene	3510/8015M	0.05	2	ND
Hexachlorobutadiene	3510/8015M	0.05	0.5	ND
2,4-Dinitrotoluene	3510/8015M	0.05	0.13	ND
Hexachlorobenzene	3510/8015M	0.05	0.13	ND
2,4,6-Trichlorophenol	3510/8040	0.05	2	ND
2,4,5-Trichlorophenol	3510/8040	0.05	400	ND
Pentachlorophenol	3510/8040	0.2	100	ND
Pyridine	3510/8015M	0.2	5	ND
<i>o</i> -Cresol	3510/8040	0.05	200	ND
<i>m,p</i> -Cresols	3510/8040	0.1	200	ND
Total Cresols	3510/8040	0.15	200	ND

MRL Method Reporting Limit
 * From 40 CFR Part 261, et al., and *Federal Register*, March 29, 1990 and June 29, 1990
 M Modified Method
 ND None Detected at or above the method reporting limit

Approved by Dave Edwards Date 7/12/91

00011

APPENDIX A
LABORATORY QC RESULTS

00012

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/21/91
Date Analyzed: 06/22/91
Work Order #: B913406

QA/QC Report
Matrix Spike Summary
Total Recoverable Petroleum Hydrocarbons
SM Method 5520E/EPA Method 418.1
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
EUHOW-1	B3406-3MS	25	774	26	852	107	75-125
EUHOW-1	B3406-3DMS	25	741	26	821	107	75-125

SM *Standard Methods for the Examination of Water and Wastewater*, 17th Ed., 1989
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Edler Date 7/12/91

00013

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL 4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date Extracted: 06/20/91
 Date Analyzed: 06/21/91
 Work Order #: B913406

QA/QC Report
 Surrogate Recovery Summary
 Hydrocarbon Scan
 EPA Methods 3550/Modified 8015

Sample Name	Lab Code	Percent Recovery <i>p</i> -Terphenyl
NUHOW-1	B3406-2	*42.3
EUHOW-1	B3406-3	99.5
SUHOW-1,WUHOW-1 Comp	B3406-6	95.2
UOF-1	B3406-7	104
UOF-2	B3406-8	99.9
HOF-1	B3406-9	102
HOF-1	B3406-9MS	98.8
HOF-1	B3406-9DMS	96.9
Method Blank	B3406-MB	103

CAS Acceptance Criteria 64-123

* Outside acceptance limits because of matrix interferences. The gas chromatogram showed target components that interfered with the analyses. The sample was not reanalyzed.

Approved by Dave Edelman Date 7/12/91

00015

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL 4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date Extracted: 06/20/91
 Date Analyzed: 06/21/91
 Work Order #: B913406

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 Hydrocarbon Scan
 EPA Methods 3550/Modified 8015
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: HOF-1
 Lab Code: B3406-9

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Diesel	498	463	ND	463	400	93.0	86.4	45-120	7.4

ND None Detected at or above the method reporting limit

Approved by Dave Edwards Date 7/12/91

00016

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/21/91
Date Analyzed: 06/21/91
Work Order #: B913406

QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
NPI-1	B3406-1	104
UOF-1	B3406-7	102
UOF-2	B3406-8	102
UOF-2	B3406-8MS	104
UOF-2	B3406-8DMS	102
Method Blank	B3406-MB	111

CAS Acceptance Criteria 50-130

TPH Total Petroleum Hydrocarbons

Approved by Dave Edelhoff Date 7/12/91

00017

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL 4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date Extracted: 06/21/91
 Date Analyzed: 06/21/91
 Work Order #: B913406

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 BTEX and TPH as Gasoline
 EPA Methods 5030/8020/Modified 8015
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: UOF-2
 Lab Code: B3406-8

Percent Recovery

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Benzene	0.94	0.94	ND	0.82	0.81	87.2	86.2	39-150	1.2
Toluene	0.94	0.94	ND	0.86	0.85	91.5	90.4	46-148	1.2
Ethylbenzene	0.94	0.94	ND	0.84	0.84	89.4	89.4	32-160	<1

TPH Total Petroleum Hydrocarbons
 ND None Detected at or above the method reporting limit

Approved by Dave Schell Date 7/12/91

00018

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/28/91
Date Analyzed: 07/04/91
Work Order #: B913406

QA/QC Report
Surrogate Recovery Summary
Polychlorinated Biphenyls (PCBs)
EPA Methods 3540/8080

Sample Name	Lab Code	Percent Recovery Decachlorobiphenyl
UOF-2	K3406-8	112
UOF-1	K3406-7	109
Method Blank	K3406-MB	111
	CAS Acceptance Criteria	30-127

Approved by Dave S. [Signature] Date 7/12/91

00019

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL 4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date TCLP Performed: 06/26/91
 Date Analyzed: 07/01/91
 Work Order #: B913406

QA/QC Report
 Duplicate Summary
 Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

Sample Name: UOF-2
 Lab Code: K3406-8

Analyte	Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference
Arsenic	3010/6010	0.1	ND	ND	ND	--
Barium	3010/6010	0.1	0.6	0.6	0.6	<1
Cadmium	3010/6010	0.01	ND	ND	ND	--
Chromium	3010/6010	0.01	ND	ND	ND	--
Lead	3010/6010	0.05	ND	ND	ND	--
Mercury	7470	0.001	ND	ND	ND	--
Selenium	3010/6010	0.1	ND	ND	ND	--
Silver	3010/6010	0.01	ND	ND	ND	--

MRL Method Reporting Limit
 ND None Detected at or above the method reporting limit

Approved by Dave Edelman Date 7/12/91

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date TCLP Performed: 06/26/91
Date Analyzed: 07/01/91
Work Order #: B913406

QA/QC Report
 Matrix Spike Summary
 Toxicity Characteristic Leaching Procedure (TCLP)
 EPA Method 1311
 Metals
 mg/L (ppm) in TCLP Extract

Sample Name: UOF-2
Lab Code: K3406-8

Analyte	Method	Spike Level	MRL	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Criteria
Arsenic	3010/6010	5.0	0.1	ND	4.9	98	75-125
Barium	3010/6010	5.0	0.1	0.6	5.3	94	75-125
Cadmium	3010/6010	1.0	0.01	ND	0.96	96	75-125
Chromium	3010/6010	5.0	0.01	ND	4.82	96	75-125
Lead	3010/6010	5.0	0.05	ND	4.66	93	75-125
Mercury	7470	0.01	0.001	ND	0.010	100	75-125
Selenium	3010/6010	1.0	0.1	ND	1.1	110	75-125
Silver	3010/6010	1.0	0.01	ND	0.92	92	75-125

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Dave Edwards Date 7/12/91

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL 4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date TCLP Performed: 06/26/91
Date Extracted: 06/30/91
Date Analyzed: 07/03/91
Work Order #: B913406

QA/QC Report
Surrogate Recovery Summary
Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Semivolatile Organic Compounds
(EPA Methods 3510/Modified 8015/8040)
in TCLP Extract

Sample Name	Lab Code	Percent Recovery 4-Bromo-2,6-dichlorophenol
UOF-2	B3406-8	101
HOF-1	B3406-9	97.0
Method Blank	B3406-MB	92.2

CAS Acceptance Criteria 40-115

Approved by Dave Edelman Date 7/12/91

00022

APPENDIX B
CHAIN OF CUSTODY INFORMATION

00023



Sweet-Edwards / EMCON, Inc.
 Kelso, WA (206) 423-3580
 Bothell, WA (206) 485-5000

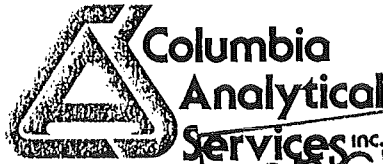
Certain Custody / Laboratory Analysis Request

Laboratory Analysis Request

DATE 6/20/91 PAGE 1 OF 1

PROJECT <u>UNOCEL 4511 Bellvue # 4246802</u> CLIENT INFO. <u>John North SE/E</u> CONTACT <u>Bothell</u> ADDRESS <u>Bothell</u> TELEPHONE# <u>485-9000</u> SAMPLERS NAME <u>T Jeff Kirtland</u> PHONE# <u>485-9000</u> SAMPLERS SIGNATURE <u>T Jeff Kirtland</u>			ANALYSIS REQUESTED <input checked="" type="checkbox"/> GC/MS/NEU/ACID ORGAN. <input checked="" type="checkbox"/> GC/MS/625/8270 <input checked="" type="checkbox"/> VOLATILE ORGANICS <input checked="" type="checkbox"/> GC/MS/624/8240 <input checked="" type="checkbox"/> HALOGENATED VOLATILE ORGANICS 601/8010 <input type="checkbox"/> PHENOLICS <input type="checkbox"/> 604/8040 <input type="checkbox"/> POLYNUCLEAR AROMATIC 610/8310 <input type="checkbox"/> TOTAL ORGANIC CARBON (TOC) 415/9060 <input type="checkbox"/> TOTAL ORGANIC HALIDE (TOX) 9020 <input type="checkbox"/> EP TOX/TCLP METALS (Circle One) <input type="checkbox"/> METALS (TOTAL) (See Special Inst.) <input type="checkbox"/> TCLP ORGANICS <input type="checkbox"/> PH. COND ALK <input type="checkbox"/> NO3/NO2, CI <input type="checkbox"/> SO4 <input type="checkbox"/> Ca, Mg, Na, K	GENERAL CHEMISTRY (Specify) <input type="checkbox"/> 805 SEMI <input type="checkbox"/> 8030 PCB <input checked="" type="checkbox"/> 8020/805M <input checked="" type="checkbox"/> Total lead <input checked="" type="checkbox"/> TCLP 805M OTHER (Specify) <input type="checkbox"/> 418.1 <input type="checkbox"/> 8050 PCB NUMBER OF CONTAINERS <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 1
Relinquished By Signature _____ Printed Name _____ Firm _____ Date/Time _____	Relinquished By Signature _____ Printed Name _____ Firm _____ Date/Time _____	PROJECT INFORMATION Shipping I.D. No. _____ VIA _____ Project _____ Total No. of Containers _____ Chain of Custody Seals _____ Received in good condition _____ LAB NO. <u>891-3406</u>		
Relinquished By Signature _____ Printed Name _____ Firm _____ Date/Time _____	Relinquished By Signature _____ Printed Name _____ Firm _____ Date/Time _____	SPECIAL INSTRUCTIONS/COMMENTS * Provide 48 hours analysis.		
Relinquished By Sweet, Edwards & Assoc. Signature <u>T Jeff Kirtland</u> Printed Name <u>T Jeff Kirtland</u> Firm <u>SE/E</u> Date/Time <u>6/20/91 13:40</u>	Relinquished By Signature _____ Printed Name _____ Firm _____ Date/Time _____	Received By Signature <u>Stan Spurgeon</u> Printed Name <u>Stan Spurgeon</u> Firm <u>CTS</u> Date/Time <u>6/20/91 13:40</u>		

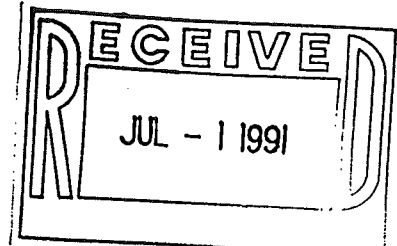
DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.



ORIGINAL IS
IN PROJECT
FILING

June 27, 1991

John North
Sweet-Edwards/EMCON, Inc.
18912 N Creek Parkway
Suite 210
Bothell, WA 98011



Re: UNOCAL #4511 - Bellevue/Project #U24-08.02

Dear John:

Enclosed are the results of the rush samples submitted to our lab on June 20, 1991. Preliminary results were telephoned on June 24, 1991. For your reference, our service request number for this work is B913386.

All analyses were performed in accordance with the laboratory's quality assurance program.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in cursive script that reads "Colin B. Elliott".

Colin B. Elliott
Senior Project Chemist

CBE/das

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Analyzed: 06/25/91
Work Order #: B913386

Lead, Total
EPA Method 7420
mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
GTW-N1 Comp	B3386-3	3	ND
GTW-W1 Comp	B3386-6	3	ND
GTF-TA	B3386-7	3	ND
GTW-TB	B3386-8	3	ND
ET-1	B3386-9	3	ND
ST-1	B3386-10	3	ND
GTW-E1 Comp	B3386-13	3	ND
GTW-S1 Comp	B3386-16	3	ND
Method Blank	B3386-MB	3	ND

MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Cheri Elliott Date 6/25/91

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/20/91
Work Order #: B913386

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	GTW-N1 Comp	GTW-W1 Comp	GTF-TA
Lab Code:	B3386-3	B3386-6	B3386-7
Date Analyzed:	06/20/91	06/20/91	06/20/91

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.1	ND	ND	ND
Ethylbenzene	0.1	ND	ND	ND
Total Xylenes	0.1	ND	ND	ND
TPH as Gasoline	5	ND	ND	ND

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Celine Elliott Date 6/28/91

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/20/91
Work Order #: B913386

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	GTF-TB	ET-1	ST-1
Lab Code:	B3386-8	B3386-9	B3386-10
Date Analyzed:	06/20/91	06/20/91	06/20/91

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.1	0.2	ND	ND
Ethylbenzene	0.1	ND	ND	ND
Total Xylenes	0.1	0.2	ND	ND
TPH as Gasoline	5	ND	ND	ND

TPH Total Petroleum Hydrocarbons

MRL Method Reporting Limit

ND None Detected at or above the method reporting limit

Approved by

Cheri Elliott

Date

6/28/91

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/20/91
Work Order #: B913386

BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015
mg/Kg (ppm)
Dry Weight Basis

Sample Name:	GTW-E1 Comp	GTW-S1 Comp	Method Blank
Lab Code:	B3386-13	B3386-16	B3386-MB
Date Analyzed:	06/20/91	06/20/91	06/20/91

Analyte	MRL			
Benzene	0.05	ND	ND	ND
Toluene	0.1	0.3	ND	ND
Ethylbenzene	0.1	0.5	ND	ND
Total Xylenes	0.1	4.7	0.3	ND
TPH as Gasoline	5	101	ND	ND

TPH Total Petroleum Hydrocarbons
MRL Method Reporting Limit
ND None Detected at or above the method reporting limit

Approved by Colin Elliott Date 6/28/91

APPENDIX A
LABORATORY QC RESULTS

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
Project: UNOCAL #4511 - Bellevue
Sample Matrix: Soil

Date Received: 06/20/91
Date Extracted: 06/20/91
Date Analyzed: 06/20/91
Work Order #: B913386

QA/QC Report
Surrogate Recovery Summary
BTEX and TPH as Gasoline
EPA Methods 5030/8020/Modified 8015

Sample Name	Lab Code	Percent Recovery 4-Bromofluorobenzene
GTW-N1 Comp	B3386-3	106
GTW-W1 Comp	B3386-6	97.6
GTF-TA	B3386-7	94.0
GTF-TB	B3386-8	98.8
ET-1	B3386-9	93.2
ST-1	B3386-10	106
GTW-E1 Comp	B3386-13	103
GTW-S1 Comp	B3386-16	107
GTW-S1 Comp	B3386-16MS	94.8
GTW-S1 Comp	B3386-16DMS	98.0
Method Blank	B3386-MB	104

CAS Acceptance Criteria 50-130

TPH Total Petroleum Hydrocarbons

Approved by Cheri Elliott Date 6/28/91

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Sweet-Edwards/EMCON, Inc.
 Project: UNOCAL #4511 - Bellevue
 Sample Matrix: Soil

Date Received: 06/20/91
 Date Extracted: 06/20/91
 Date Analyzed: 06/20/91
 Work Order #: B913386

QA/QC Report
 Matrix Spike/Duplicate Matrix Spike Summary
 BTEX and TPH as Gasoline
 EPA Methods 5030/8020/Modified 8015
 mg/Kg (ppm)
 Dry Weight Basis

Sample Name: GTW-S1 comp
 Lab Code: B3386-16

Percent Recovery

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Criteria	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
Benzene	0.95	0.96	ND	0.70	0.72	73.7	75.0	39-150	1.7
Toluene	0.95	0.96	ND	0.71	0.74	74.7	77.1	46-148	3.2
Ethylbenzene	0.95	0.96	ND	0.74	0.78	77.9	81.3	32-160	4.3

TPH Total Petroleum Hydrocarbons
 ND None Detected at or above the method reporting limit

Approved by Cheri Elliott Date 6/28/91



Sweet-Edwards / EMCON, Inc.
 Kelso, WA (206) 423-3580
 Bothell, WA (206) 485-5000

Chain of Custody / Laboratory Analysis Request

DATE 6/20/91 PAGE 1 OF 2

PROJECT UNOCAL 7511 Bellevue # 42708.02

CLIENT INFO: John North SE/R

CONTACT: Bothell

ADDRESS: Bothell

TELEPHONE# 485-8000

SAMPLERS NAME Jeff Kirtland PHONE# 485-8000

SAMPLERS SIGNATURE Jeff Kirtland

SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE
1GTw-NA	6/19/91	1340	1 33	Soil
2GTw-NB	6/19/91	1345	2	↓
3GTw-wA	6/19/91	1400	4 36	
4GTw-WB	6/19/91	1405	5	
5GTF-TA	6/19/91	1420	7	
6GTF-TB	6/19/91	1425	8	
7ET-1	6/19/91	1625	9	
8ST-1	6/19/91	1715	10	

ANALYSIS REQUESTED												GENERAL CHEMISTRY (Specify)												OTHER (Specify)
BASE/NEU/ACID ORGAN.	GC/MS/625/8270	VOLATILE ORGANICS	GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) (See Special Inst.)	TCLP ORGANICS	PH. COND	ALK	NO ₃ /NO ₂ , Cl	SO ₄	Ca, Mg, Na, K	820/8515M gas BTEX	total lead	NUMBER OF CONTAINERS					
				Composite; Report as															2					
				Composite; Report as															4					
				Composite; Report as															5					
																			86					
																			15					
																			351					
																			124					
																			100					

Relinquished By: Jeff Kirtland Signature

Relinquished By: SE/R Bothell Printed Name

Firm: SE/R Bothell

Date/Time: 6/20/91

Received By: Stan Spurgeon Signature

Received By: Stan Spurgeon Printed Name

Firm: CAS

Date/Time: 6/20/91 740

PROJECT INFORMATION

Hand Delivered Shipping I.D. No.

VIA

Project

SPECIAL INSTRUCTIONS/COMMENTS

Request 48 hour turnaround.
 Require results A.M. 6/24/91

SAMPLE RECEIPT

Total No. of Containers

Chain of Custody Seals

Received in good condition

LAB NO.

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.



Sweet-Edwards / EMCON, Inc.

Kelso, WA (206) 423-3580

Bothell, WA (206) 485-5000

PROJECT UNOCM 4571 Bellevue #C240B.02

CLIENT INFO.
CONTACT John North SE/E

ADDRESS Bothell

TELEPHONE 485-3000

SAMPLERS NAME Jeff Kurland PHON# 485-3000

SAMPLERS SIGNATURE [Signature]

SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE
1. GTW-EA	6/19/91		11 313	Soil
2. GTW-EB	6/19/91		12	
3. GTW-SA	6/19/91		14 316	
4. GTW-SB	6/19/91		15	↓
5.				
6.				
7.				
8.				

Laboratory Analysis Request

DATE 6/20/91 PAGE 2 OF 2

ANALYSIS REQUESTED		GENERAL CHEMISTRY (Specify)												OTHER (Specify)			
BASE/NEU/ACID ORGAN.																	
VOLATILE ORGANICS																	
GC/MS/624/8240																	
HALOGENATED VOLATILE ORGANICS 601/8010																	
PHENOLICS																	
604/8040																	
POLYNUCLEAR AROMATIC 610/8310																	
TOC) 415/9060																	
TOTAL ORGANIC HALIDE																	
(TOX) 9020																	
EP TOX/TCLP METALS (Circle One)																	
METALS (TOTAL) (See Special Inst.)																	
TCLP ORGANICS																	
pH, COND																	
ALK																	
NO ₃ /NO ₂ , Cl																	
SO ₄																	
Ca, Mg, Na, K																	
8020/805m gm/LiTEK																	
8020/805m gm/LiTEK																	
PID																	
NUMBER OF CONTAINERS																	

PROJECT INFORMATION	SAMPLE RECEIPT
Hand Delivered	Total No. of Containers
Shipping I.D. No.	Chain of Custody Seals
VIA	Received in good condition
Project	LAB NO. <u>891-3386</u>

SPECIAL INSTRUCTIONS/COMMENTS	
Relinquished By	Received By
Signature	Signature
Printed Name	Printed Name
Firm	Firm
Date/Time	Date/Time

SPECIAL INSTRUCTIONS/COMMENTS	
Relinquished By	Received By
Signature	Signature
Printed Name	Printed Name
Firm	Firm
Date/Time	Date/Time

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.

S-E/E 400-05



1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

URS Corporation
David Raubvogel
1501 4th Ave., Suite 1400
Seattle, Washington 98101

RE: SRO
Lab ID: 1111111

November 23, 2011

Attention David Raubvogel:

Fremont Analytical, Inc. received 17 sample(s) on 11/22/2011 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Dee".

Michael Dee
Sr. Chemist / Principal



Date: 11/23/2011

CLIENT: URS Corporation
Project: SRO
Lab Order: 1111111

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1111111-001	Trip Blank	11/14/2011 12:00 AM	11/22/2011 2:30 PM
1111111-002	URS-MW-2-112111	11/21/2011 2:35 PM	11/22/2011 2:30 PM
1111111-003	URS-MW-2-112111A	11/21/2011 2:45 PM	11/22/2011 2:30 PM
1111111-004	MW-19-112111	11/21/2011 3:30 PM	11/22/2011 2:30 PM
1111111-005	MW-19-112111A	11/21/2011 3:40 PM	11/22/2011 2:30 PM
1111111-006	URS-MW-6-112111	11/21/2011 4:30 PM	11/22/2011 2:30 PM
1111111-007	URS-MW-6-112111A	11/21/2011 4:40 PM	11/22/2011 2:30 PM
1111111-008	URS-MW-1-112211	11/22/2011 8:00 AM	11/22/2011 2:30 PM
1111111-009	URS-MW-1-112211D	11/22/2011 8:10 AM	11/22/2011 2:30 PM
1111111-010	MW-18-112211	11/22/2011 9:10 AM	11/22/2011 2:30 PM
1111111-011	MW-17-112211	11/22/2011 10:10 AM	11/22/2011 2:30 PM
1111111-012	MW-20-112211	11/22/2011 11:00 AM	11/22/2011 2:30 PM
1111111-013	URS-MW-8-112211U	11/22/2011 11:15 AM	11/22/2011 2:30 PM
1111111-014	URS-MW-8-112211M	11/22/2011 11:20 AM	11/22/2011 2:30 PM
1111111-015	URS-MW-8-112211L	11/22/2011 11:25 AM	11/22/2011 2:30 PM
1111111-016	URS-MW-3-112211	11/22/2011 1:05 PM	11/22/2011 2:30 PM
1111111-017	B3/MW-3-112111	11/22/2011 1:50 PM	11/22/2011 2:30 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

SRO_04226

CLIENT: URS Corporation**Project:** SRO

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/14/2011

Project: SRO

Lab ID: 1111111-001

Matrix: Water

Client Sample ID: Trip Blank

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 4:16:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Methylene chloride	0.320	1.00	J	µg/L	1	11/22/2011 4:16:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 4:16:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 4:16:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04228



Client: URS Corporation

Collection Date: 11/14/2011

Project: SRO

Lab ID: 1111111-001

Matrix: Water

Client Sample ID: Trip Blank

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 4:16:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 4:16:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 4:16:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 4:16:00 PM
Surr: 1-Bromo-4-fluorobenzene	93.5	72-135		%REC	1	11/22/2011 4:16:00 PM
Surr: Dibromofluoromethane	96.9	75.1-135		%REC	1	11/22/2011 4:16:00 PM
Surr: Toluene-d8	102	76.5-134		%REC	1	11/22/2011 4:16:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/21/2011 2:35:00 PM

Project: SRO

Lab ID: 1111111-002

Matrix: Water

Client Sample ID: URS-MW-2-112111

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 4:43:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 4:43:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Chloroform	2.38	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 4:43:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04230



Client: URS Corporation

Collection Date: 11/21/2011 2:35:00 PM

Project: SRO

Lab ID: 1111111-002

Matrix: Water

Client Sample ID: URS-MW-2-112111

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 4:43:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 4:43:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 4:43:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 4:43:00 PM
Surr: 1-Bromo-4-fluorobenzene	93.4	72-135		%REC	1	11/22/2011 4:43:00 PM
Surr: Dibromofluoromethane	98.4	75.1-135		%REC	1	11/22/2011 4:43:00 PM
Surr: Toluene-d8	106	76.5-134		%REC	1	11/22/2011 4:43:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/21/2011 2:45:00 PM

Project: SRO

Lab ID: 1111111-003

Matrix: Water

Client Sample ID: URS-MW-2-112111A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 5:11:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 5:11:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Chloroform	2.32	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 5:11:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04232



Client: URS Corporation

Collection Date: 11/21/2011 2:45:00 PM

Project: SRO

Lab ID: 1111111-003

Matrix: Water

Client Sample ID: URS-MW-2-112111A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 5:11:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 5:11:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 5:11:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 5:11:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.3	72-135		%REC	1	11/22/2011 5:11:00 PM
Surr: Dibromofluoromethane	94.9	75.1-135		%REC	1	11/22/2011 5:11:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	11/22/2011 5:11:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/21/2011 3:30:00 PM

Project: SRO

Lab ID: 1111111-004

Matrix: Water

Client Sample ID: MW-19-112111

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 5:39:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 5:39:00 PM
cis-1,2-Dichloroethene	0.140	1.00	J	µg/L	1	11/22/2011 5:39:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Trichloroethene (TCE)	1.08	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Tetrachloroethene (PCE)	31.0	1.00		µg/L	1	11/22/2011 5:39:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 5:39:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04234



Client: URS Corporation

Collection Date: 11/21/2011 3:30:00 PM

Project: SRO

Lab ID: 1111111-004

Matrix: Water

Client Sample ID: MW-19-112111

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 5:39:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 5:39:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 5:39:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 5:39:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.4	72-135		%REC	1	11/22/2011 5:39:00 PM
Surr: Dibromofluoromethane	94.6	75.1-135		%REC	1	11/22/2011 5:39:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	11/22/2011 5:39:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/21/2011 3:40:00 PM

Project: SRO

Lab ID: 1111111-005

Matrix: Water

Client Sample ID: MW-19-112111A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 6:07:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 6:07:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Trichloroethene (TCE)	1.06	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Tetrachloroethene (PCE)	30.4	1.00		µg/L	1	11/22/2011 6:07:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 6:07:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04236



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/21/2011 3:40:00 PM

Project: SRO

Lab ID: 1111111-005

Matrix: Water

Client Sample ID: MW-19-112111A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 6:07:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 6:07:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 6:07:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 6:07:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.5	72-135		%REC	1	11/22/2011 6:07:00 PM
Surr: Dibromofluoromethane	94.0	75.1-135		%REC	1	11/22/2011 6:07:00 PM
Surr: Toluene-d8	100	76.5-134		%REC	1	11/22/2011 6:07:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04237



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/21/2011 4:30:00 PM

Project: SRO

Lab ID: 1111111-006

Matrix: Water

Client Sample ID: URS-MW-6-112111

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 6:34:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 6:34:00 PM
cis-1,2-Dichloroethene	0.790	1.00	J	µg/L	1	11/22/2011 6:34:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2-Dichloroethane	1.51	1.00		µg/L	1	11/22/2011 6:34:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Tetrachloroethene (PCE)	0.130	1.00	J	µg/L	1	11/22/2011 6:34:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 6:34:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04238



Client: URS Corporation

Collection Date: 11/21/2011 4:30:00 PM

Project: SRO

Lab ID: 1111111-006

Matrix: Water

Client Sample ID: URS-MW-6-112111

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 6:34:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 6:34:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 6:34:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 6:34:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.5	72-135		%REC	1	11/22/2011 6:34:00 PM
Surr: Dibromofluoromethane	96.7	75.1-135		%REC	1	11/22/2011 6:34:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	11/22/2011 6:34:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/21/2011 4:40:00 PM

Project: SRO

Lab ID: 1111111-007

Matrix: Water

Client Sample ID: URS-MW-6-112111A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 7:02:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 7:02:00 PM
cis-1,2-Dichloroethene	0.820	1.00	J	µg/L	1	11/22/2011 7:02:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2-Dichloroethane	1.39	1.00		µg/L	1	11/22/2011 7:02:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Tetrachloroethene (PCE)	0.100	1.00	J	µg/L	1	11/22/2011 7:02:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 7:02:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04240



Client: URS Corporation

Collection Date: 11/21/2011 4:40:00 PM

Project: SRO

Lab ID: 1111111-007

Matrix: Water

Client Sample ID: URS-MW-6-112111A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 7:02:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 7:02:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 7:02:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 7:02:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.9	72-135		%REC	1	11/22/2011 7:02:00 PM
Surr: Dibromofluoromethane	96.4	75.1-135		%REC	1	11/22/2011 7:02:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	11/22/2011 7:02:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 8:00:00 AM

Project: SRO

Lab ID: 1111111-008

Matrix: Water

Client Sample ID: URS-MW-1-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 7:30:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 7:30:00 PM
cis-1,2-Dichloroethene	1.47	1.00		µg/L	1	11/22/2011 7:30:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Trichloroethene (TCE)	4.36	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Tetrachloroethene (PCE)	114	1.00		µg/L	1	11/22/2011 7:30:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 7:30:00 PM
Chlorobenzene	0.120	1.00	J	µg/L	1	11/22/2011 7:30:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04242



Client: URS Corporation

Collection Date: 11/22/2011 8:00:00 AM

Project: SRO

Lab ID: 1111111-008

Matrix: Water

Client Sample ID: URS-MW-1-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 7:30:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 7:30:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 7:30:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 7:30:00 PM
Surr: 1-Bromo-4-fluorobenzene	91.6	72-135		%REC	1	11/22/2011 7:30:00 PM
Surr: Dibromofluoromethane	91.5	75.1-135		%REC	1	11/22/2011 7:30:00 PM
Surr: Toluene-d8	100	76.5-134		%REC	1	11/22/2011 7:30:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 8:10:00 AM

Project: SRO

Lab ID: 1111111-009

Matrix: Water

Client Sample ID: URS-MW-1-112211D

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 7:58:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 7:58:00 PM
cis-1,2-Dichloroethene	1.65	1.00		µg/L	1	11/22/2011 7:58:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Trichloroethene (TCE)	4.79	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Tetrachloroethene (PCE)	132	1.00		µg/L	1	11/22/2011 7:58:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 7:58:00 PM
Chlorobenzene	0.100	1.00	J	µg/L	1	11/22/2011 7:58:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04244



Client: URS Corporation

Collection Date: 11/22/2011 8:10:00 AM

Project: SRO

Lab ID: 1111111-009

Matrix: Water

Client Sample ID: URS-MW-1-112211D

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 7:58:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 7:58:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 7:58:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 7:58:00 PM
Surr: 1-Bromo-4-fluorobenzene	91.0	72-135		%REC	1	11/22/2011 7:58:00 PM
Surr: Dibromofluoromethane	91.4	75.1-135		%REC	1	11/22/2011 7:58:00 PM
Surr: Toluene-d8	100	76.5-134		%REC	1	11/22/2011 7:58:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 9:10:00 AM

Project: SRO

Lab ID: 1111111-010

Matrix: Water

Client Sample ID: MW-18-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 8:25:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 8:25:00 PM
cis-1,2-Dichloroethene	1.74	1.00		µg/L	1	11/22/2011 8:25:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Trichloroethene (TCE)	4.40	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Tetrachloroethene (PCE)	138	1.00		µg/L	1	11/22/2011 8:25:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 8:25:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04246



Client: URS Corporation

Collection Date: 11/22/2011 9:10:00 AM

Project: SRO

Lab ID: 1111111-010

Matrix: Water

Client Sample ID: MW-18-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 8:25:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 8:25:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 8:25:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 8:25:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.7	72-135		%REC	1	11/22/2011 8:25:00 PM
Surr: Dibromofluoromethane	89.5	75.1-135		%REC	1	11/22/2011 8:25:00 PM
Surr: Toluene-d8	96.3	76.5-134		%REC	1	11/22/2011 8:25:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 10:10:00 AM

Project: SRO

Lab ID: 1111111-011

Matrix: Water

Client Sample ID: MW-17-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 8:53:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 8:53:00 PM
cis-1,2-Dichloroethene	3.56	1.00		µg/L	1	11/22/2011 8:53:00 PM
Chloroform	0.210	1.00	J	µg/L	1	11/22/2011 8:53:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Trichloroethene (TCE)	3.73	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Tetrachloroethene (PCE)	30.1	1.00		µg/L	1	11/22/2011 8:53:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 8:53:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04248



Client: URS Corporation

Collection Date: 11/22/2011 10:10:00 AM

Project: SRO

Lab ID: 1111111-011

Matrix: Water

Client Sample ID: MW-17-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 8:53:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 8:53:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 8:53:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 8:53:00 PM
Surr: 1-Bromo-4-fluorobenzene	91.5	72-135		%REC	1	11/22/2011 8:53:00 PM
Surr: Dibromofluoromethane	94.5	75.1-135		%REC	1	11/22/2011 8:53:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	11/22/2011 8:53:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 11:00:00 AM

Project: SRO

Lab ID: 1111111-012

Matrix: Water

Client Sample ID: MW-20-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 9:20:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 9:20:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Trichloroethene (TCE)	0.140	1.00	J	µg/L	1	11/22/2011 9:20:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Tetrachloroethene (PCE)	1.03	1.00		µg/L	1	11/22/2011 9:20:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 9:20:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04250



Client: URS Corporation

Collection Date: 11/22/2011 11:00:00 AM

Project: SRO

Lab ID: 1111111-012

Matrix: Water

Client Sample ID: MW-20-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 9:20:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 9:20:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 9:20:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 9:20:00 PM
Surr: 1-Bromo-4-fluorobenzene	89.6	72-135		%REC	1	11/22/2011 9:20:00 PM
Surr: Dibromofluoromethane	92.5	75.1-135		%REC	1	11/22/2011 9:20:00 PM
Surr: Toluene-d8	99.7	76.5-134		%REC	1	11/22/2011 9:20:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 11:15:00 AM

Project: SRO

Lab ID: 1111111-013

Matrix: Water

Client Sample ID: URS-MW-8-112211U

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 9:48:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 9:48:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 9:48:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04252



Client: URS Corporation

Collection Date: 11/22/2011 11:15:00 AM

Project: SRO

Lab ID: 1111111-013

Matrix: Water

Client Sample ID: URS-MW-8-112211U

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 9:48:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 9:48:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 9:48:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 9:48:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.8	72-135		%REC	1	11/22/2011 9:48:00 PM
Surr: Dibromofluoromethane	95.0	75.1-135		%REC	1	11/22/2011 9:48:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	11/22/2011 9:48:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 11:20:00 AM

Project: SRO

Lab ID: 1111111-014

Matrix: Water

Client Sample ID: URS-MW-8-112211M

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260					Batch ID: R2529	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 10:16:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 10:16:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 10:16:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04254



Client: URS Corporation

Collection Date: 11/22/2011 11:20:00 AM

Project: SRO

Lab ID: 1111111-014

Matrix: Water

Client Sample ID: URS-MW-8-112211M

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 10:16:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 10:16:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 10:16:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 10:16:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.9	72-135		%REC	1	11/22/2011 10:16:00 PM
Surr: Dibromofluoromethane	93.0	75.1-135		%REC	1	11/22/2011 10:16:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	11/22/2011 10:16:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 11:25:00 AM

Project: SRO

Lab ID: 1111111-015

Matrix: Water

Client Sample ID: URS-MW-8-112211L

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 10:43:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Methylene chloride	0.190	1.00	J	µg/L	1	11/22/2011 10:43:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 10:43:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 10:43:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04256



Client: URS Corporation

Collection Date: 11/22/2011 11:25:00 AM

Project: SRO

Lab ID: 1111111-015

Matrix: Water

Client Sample ID: URS-MW-8-112211L

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260					Batch ID: R2529	Analyst: PH
o-Xylene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 10:43:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 10:43:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 10:43:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 10:43:00 PM
Surr: 1-Bromo-4-fluorobenzene	91.5	72-135		%REC	1	11/22/2011 10:43:00 PM
Surr: Dibromofluoromethane	94.9	75.1-135		%REC	1	11/22/2011 10:43:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	11/22/2011 10:43:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 1:05:00 PM

Project: SRO

Lab ID: 1111111-016

Matrix: Water

Client Sample ID: URS-MW-3-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 11:11:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 11:11:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Chloroform	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 11:11:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04258



Client: URS Corporation

Collection Date: 11/22/2011 1:05:00 PM

Project: SRO

Lab ID: 1111111-016

Matrix: Water

Client Sample ID: URS-MW-3-112211

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2529

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 11:11:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 11:11:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 11:11:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 11:11:00 PM
Surr: 1-Bromo-4-fluorobenzene	93.0	72-135		%REC	1	11/22/2011 11:11:00 PM
Surr: Dibromofluoromethane	95.0	75.1-135		%REC	1	11/22/2011 11:11:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	11/22/2011 11:11:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111111

Date Reported: 11/23/2011

Client: URS Corporation

Collection Date: 11/22/2011 1:50:00 PM

Project: SRO

Lab ID: 1111111-017

Matrix: Water

Client Sample ID: B3/MW-3-112111

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: R2529	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Chloromethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/22/2011 11:39:00 PM
Bromomethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Chloroethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/22/2011 11:39:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Chloroform	0.920	1.00	J	µg/L	1	11/22/2011 11:39:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Benzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Dibromomethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Toluene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Tetrachloroethene (PCE)	23.7	1.00		µg/L	1	11/22/2011 11:39:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	11/22/2011 11:39:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Ethylbenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
m,p-Xylene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04260



Client: URS Corporation

Collection Date: 11/22/2011 1:50:00 PM

Project: SRO

Lab ID: 1111111-017

Matrix: Water

Client Sample ID: B3/MW-3-112111

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260					Batch ID: R2529	Analyst: PH
o-Xylene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Styrene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Bromoform	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Bromobenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/22/2011 11:39:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	11/22/2011 11:39:00 PM
Naphthalene	ND	1.00		µg/L	1	11/22/2011 11:39:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/22/2011 11:39:00 PM
Surr: 1-Bromo-4-fluorobenzene	91.9	72-135		%REC	1	11/22/2011 11:39:00 PM
Surr: Dibromofluoromethane	93.8	75.1-135		%REC	1	11/22/2011 11:39:00 PM
Surr: Toluene-d8	102	76.5-134		%REC	1	11/22/2011 11:39:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Date: 11/23/2011

Work Order: 1111111
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2529	SampType: MBLK	Units: µg/L	Prep Date: 11/22/2011	RunNo: 2529
Client ID: MBLKW	Batch ID: R2529		Analysis Date: 11/22/2011	SeqNo: 44494

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	1.00									
Vinyl chloride	ND	0.200									
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
Methylene chloride	0.370	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	1.00									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	ND	1.00									

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04262



Date: 11/23/2011

Work Order: 1111111
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2529	SampType: MBLK	Units: µg/L	Prep Date: 11/22/2011	RunNo: 2529
Client ID: MBLKW	Batch ID: R2529		Analysis Date: 11/22/2011	SeqNo: 44494

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.0100									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	ND	1.00									
o-Xylene	ND	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									
4-Isopropyltoluene	ND	1.00									

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04263

Work Order: 1111111
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2529	SampType: MBLK	Units: µg/L	Prep Date: 11/22/2011	RunNo: 2529							
Client ID: MBLKW	Batch ID: R2529		Analysis Date: 11/22/2011	SeqNo: 44494							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: 1-Bromo-4-fluorobenzene	9.69		10.00		96.9	72	135				
Surr: Dibromofluoromethane	9.90		10.00		99.0	75.1	135				
Surr: Toluene-d8	10.2		10.00		102	76.5	134				

Sample ID: LCS-R2529	SampType: LCS	Units: µg/L	Prep Date: 11/22/2011	RunNo: 2529							
Client ID: LCSW	Batch ID: R2529		Analysis Date: 11/23/2011	SeqNo: 44512							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	8.80	1.00	10.00	0	88.0	65	135				
Benzene	9.09	1.00	10.00	0	90.9	65	135				
Trichloroethene (TCE)	9.42	1.00	10.00	0	94.2	65	135				
Toluene	9.41	1.00	10.00	0	94.1	65	135				
Tetrachloroethene (PCE)	6.77	1.00	8.000	0	84.6	65	135				
Chlorobenzene	9.57	1.00	10.00	0	95.7	65	135				
Surr: 1-Bromo-4-fluorobenzene	9.04		10.00		90.4	72	135				
Surr: Dibromofluoromethane	9.23		10.00		92.3	75.1	135				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 11/23/2011

Work Order: 1111111
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-R2529	SampType: LCS	Units: µg/L	Prep Date: 11/22/2011	RunNo: 2529							
Client ID: LCSW	Batch ID: R2529		Analysis Date: 11/23/2011	SeqNo: 44512							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Toluene-d8 10.1 10.00 101 76.5 134

Sample ID: 1111111-017ADUP	SampType: DUP	Units: µg/L	Prep Date: 11/22/2011	RunNo: 2529							
Client ID: B3/MW-3-112111	Batch ID: R2529		Analysis Date: 11/23/2011	SeqNo: 44514							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane (CFC-12)	ND	1.00						0	0	30	
Chloromethane	ND	1.00						0	0	30	
Vinyl chloride	ND	0.200						0	0	30	
Bromomethane	ND	1.00						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0	0	30	
Chloroethane	ND	1.00						0	0	30	
1,1-Dichloroethene	ND	1.00						0	0	30	
Methylene chloride	ND	1.00						0	0	30	
trans-1,2-Dichloroethene	ND	1.00						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	1.00						0	0	30	
1,1-Dichloroethane	ND	1.00						0	0	30	
2,2-Dichloropropane	ND	2.00						0	0	30	
cis-1,2-Dichloroethene	ND	1.00						0	0	30	
Chloroform	0.900	1.00						0.9200	2.20	30	J
1,1,1-Trichloroethane (TCA)	ND	1.00						0	0	30	
1,1-Dichloropropene	ND	1.00						0	0	30	
Carbon tetrachloride	ND	1.00						0	0	30	
1,2-Dichloroethane	ND	1.00						0	0	30	
Benzene	ND	1.00						0	0	30	

Qualifiers: B Analyte detected in the associated Method Blank D Dilution was required E Value above quantitation range
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not detected at the Reporting Limit
 R RPD outside accepted recovery limits RL Reporting Limit S Spike recovery outside accepted recovery limits

SRO_04265



Date: 11/23/2011

Work Order: 1111111
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND	1.00						0	0	30	
1,2-Dichloropropane	ND	1.00						0	0	30	
Bromodichloromethane	ND	1.00						0	0	30	
Dibromomethane	ND	1.00						0	0	30	
cis-1,3-Dichloropropene	ND	1.00						0	0	30	
Toluene	ND	1.00						0	0	30	
trans-1,3-Dichloropropylene	ND	1.00						0	0	30	
1,1,2-Trichloroethane	ND	1.00						0	0	30	
1,3-Dichloropropane	ND	1.00						0	0	30	
Tetrachloroethene (PCE)	24.4	1.00						23.71	2.66	30	
Dibromochloromethane	ND	1.00						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.0100						0	0	30	
Chlorobenzene	ND	1.00						0	0	30	
1,1,1,2-Tetrachloroethane	ND	1.00						0	0	30	
Ethylbenzene	ND	1.00						0	0	30	
m,p-Xylene	ND	1.00						0	0	30	
o-Xylene	ND	1.00						0	0	30	
Styrene	ND	1.00						0	0	30	
Isopropylbenzene	ND	1.00						0	0	30	
Bromoform	ND	1.00						0	0	30	
1,1,1,2,2-Tetrachloroethane	ND	1.00						0	0	30	
n-Propylbenzene	ND	1.00						0	0	30	
Bromobenzene	ND	1.00						0	0	30	
1,3,5-Trimethylbenzene	ND	1.00						0	0	30	
2-Chlorotoluene	ND	1.00						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04266



Work Order: 1111111
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.00						0	0	30	
tert-Butylbenzene	ND	1.00						0	0	30	
1,2,3-Trichloropropane	ND	1.00						0	0	30	
1,2,4-Trichlorobenzene	ND	2.00						0	0	30	
sec-Butylbenzene	ND	1.00						0	0	30	
4-Isopropyltoluene	ND	1.00						0	0	30	
1,3-Dichlorobenzene	ND	1.00						0	0	30	
1,4-Dichlorobenzene	ND	1.00						0	0	30	
n-Butylbenzene	ND	1.00						0	0	30	
1,2-Dichlorobenzene	ND	1.00						0	0	30	
1,2-Dibromo-3-chloropropane	ND	1.00						0	0	30	
1,2,4-Trimethylbenzene	ND	1.00						0	0	30	
Hexachloro-1,3-butadiene	ND	4.00						0	0	30	
Naphthalene	ND	1.00						0	0	30	
1,2,3-Trichlorobenzene	ND	4.00						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	9.44		10.00		94.4	72	135		0		
Surr: Dibromofluoromethane	9.31		10.00		93.1	75.1	135		0		
Surr: Toluene-d8	10.2		10.00		102	76.5	134		0		

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	8.61	1.00	10.00	0	86.1	65	135				
Benzene	8.80	1.00	10.00	0	88.0	65	135				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 11/23/2011

Work Order: 1111111
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111111-002AMS	SampType: MS	Units: µg/L	Prep Date: 11/22/2011	RunNo: 2529
Client ID: URS-MW-2-112111	Batch ID: R2529		Analysis Date: 11/23/2011	SeqNo: 44515

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	9.28	1.00	10.00	0	92.8	65	135				
Toluene	9.05	1.00	10.00	0	90.5	65	135				
Tetrachloroethene (PCE)	6.63	1.00	8.000	0	82.9	65	135				
Chlorobenzene	9.12	1.00	10.00	0	91.2	65	135				
Surr: 1-Bromo-4-fluorobenzene	9.12		10.00		91.2	72	135				
Surr: Dibromofluoromethane	9.39		10.00		93.9	75.1	135				
Surr: Toluene-d8	10.1		10.00		101	76.5	134				

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04268

Client Name: **URS**

 Work Order Number: **1111111**

 Logged by: **Troy Zehr**

 Date Received: **11/22/2011 2:30:00 PM**

Chain of Custody

1. Were custodial seals intact? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Courier

Log In

4. Coolers are present? Yes No NA
5. Was an attempt made to cool the samples? Yes No NA
6. Were all coolers received at a temperature of >0° C to 10.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is there headspace present in VOA vials? Yes No No VOA Vials
12. Did all sample containers arrive in good condition?(unbroken) Yes No
13. Does paperwork match bottle labels? Yes No
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks/Discrepancies

Item Information

Item #	Temp °C	Condition
Cooler	3.1	Good

Chain of Custody Record



1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Client: URS
Address: Seattle
City, State, Zip: Seattle

Reports To (PM): DAVID RAUBOLDTEL Fax: _____

Laboratory Project No (Internal): 11111111
Page: _____ of: _____
Project Name: SRO BELLEVUE
Location: DAVE LEWIS
Collected by: _____

Project No: 33763233.00001

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	BTX (EPA 8260)	Gasoline Range Organics (EPA 80310)	Hydrocarbon Identification (HCD)	Diethyl/Heavy Oil Range Organics (EPA 8270)	PAH (EPA 8270)	PCB (EPA 8082)	Cl Pesticides (EPA 8081)	Metals * (EPA 8151)	Total (T) (Dissolved (D))	Anions (A) **	Comments/Depth
1 TRIP BLANK				X											
2 URS-MW-2-112111	11/21/11	1435	H2O	X											
3 URS-MW-2-112111A		1445		X											
4 MW-19-112111		1530		X											
5 MW-19-112111A		1540		X											
6 URS-MW-6-112111		1630		X											
7 URS-MW-6-112111A		1640		X											
8 URS-MW-1-112211	11/22/11	0800		X											
9 URS-MW-1-112211D	11	0810		X											
10 MW-18-112211	11	0910		X											

*Metals Analysis (Circle): Nitrate Nitrite Chloride Sulfate Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide Fluoride Nitrate-Nitrite

Sample Disposal: Return to Client Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished Date/Time: 11/22/11 14:30 Received Date/Time: 11/22/11 14:30
 Relinquished Date/Time: _____ Received Date/Time: _____

Special Remarks: 6

TAT -> Next Day 2 Day 3 Day STD

Chain of Custody Record



1311 N. 35th Street
Seattle, WA 98103

Tel: 206-352-3790
Fax: 206-352-7178

Client: URS

Address: Seattle

City, State, Zip: Seattle

Reports To (PM): DAVID RAINBOLD Fax: _____

Laboratory Project No (Internal): _____

Page: _____ of _____

Project Name: SRO BELLEVUE

Location: DANE LEWIS

Collected by: _____

Project No: 33763233, 00001

Email: _____

Tel: 206-438-2700

Sample Name

Sample Date

Sample Time

Sample Type (Matrix)

VOC (EPA 8160)

STX (EPA 8260)

Gasoline Range Organics

Hydrocarbon Identification (HID)

PAH (EPA 8270)

PCB (EPA 8270-SM)

CI Pesticides (EPA 8081)

CI Herbicides (EPA 8151A)

Metals* (6020/2004)

Total (T) / Dissolved (D)

Anions (G)**

Comments/Depth

*Metals Analysis (Circle): MTCA-5 Nitrate Nitrite Chloride Sulfate Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sn Ti U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide C-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: Return to Client Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished Date/Time: Dave Lewis 11/22/11 1430

Received Date/Time: Joy Jehu 11/22/11 14:30

Received Date/Time: _____

Received Date/Time: _____

Received Date/Time: _____

Received Date/Time: _____

Special Remarks: _____

ADVANCED / **ANALYTICAL**

Environmental Testing Laboratory

August 22, 2011

*Julie Wukelic
Hart Crowser, Inc.
1700 Westlake Avenue North, Suite 200
Seattle, WA 98109*

Dear Ms. Wukelic:

Please find enclosed the analytical data report for the *Thinker Toys, 17651-00 (A10815-1)* Project.

Samples were received on *August 15, 2011*. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,



Val G. Ivanov, Ph.D.
Laboratory Manager

Overlake Business Center ■ 2821 152 Avenue NE ■ Redmond, WA 98052
ph 425.497.0110 fax 425.497.8089
E-mail: aachemlab@yahoo.com

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Advanced Analytical Laboratory
(425)497-0110, fax(425)497-8089

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Advanced Analytical Laboratory
(425)497-0110, fax(425)497-8089

AAL Job Number:	A10815-1
Client:	Hart Crowser, Inc.
Project Manager:	Julie Wukelic
Client Project Name:	Thinker Toys
Client Project Number:	17651-00
Date received:	08/15/11

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		MTH BLK	LCS	MTH BLK	LCS	HC-1-1	HC-1-2	HC-1-3
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11
MTBE	50	nd		nd		nd	nd	nd
Dichlorodifluoromethane	50	nd		nd		nd	nd	nd
Chloromethane	50	nd		nd		nd	nd	nd
Vinyl chloride	50	nd		nd		nd	nd	nd
Bromomethane	50	nd		nd		nd	nd	nd
Chloroethane	50	nd		nd		nd	nd	nd
Trichlorofluoromethane	50	nd		nd		nd	nd	nd
1,1-Dichloroethene	50	nd		nd		nd	nd	nd
Methylene chloride	20	nd		nd		nd	nd	nd
trans-1,2-Dichloroethene	50	nd		nd		nd	nd	nd
1,1-Dichloroethane	50	nd		nd		nd	nd	nd
2,2-Dichloropropane	50	nd		nd		nd	nd	nd
cis-1,2-Dichloroethene	50	nd		nd		nd	nd	nd
Chloroform	50	nd		nd		nd	nd	nd
1,1,1-Trichloroethane	50	nd		nd		nd	nd	nd
Carbontetrachloride	50	nd		nd		nd	nd	nd
1,1-Dichloropropene	50	nd		nd		nd	nd	nd
Benzene	20	nd	110%	nd	83%	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd		nd		nd	nd	nd
Trichloroethene	20	nd	115%	nd	84%	nd	nd	nd
1,2-Dichloropropane	50	nd		nd		nd	nd	nd
Dibromomethane	50	nd		nd		nd	nd	nd
Bromodichloromethane	50	nd		nd		nd	nd	nd
cis-1,3-Dichloropropene	50	nd		nd		nd	nd	nd
Toluene	50	nd	105%	nd	88%	nd	nd	nd
trans-1,3-Dichloropropene	50	nd		nd		nd	nd	nd
1,1,2-Trichloroethane	50	nd		nd		nd	nd	nd
Tetrachloroethene	50	nd		nd		nd	92	360
1,3-Dichloropropane	50	nd		nd		nd	nd	nd
Dibromochloromethane	20	nd		nd		nd	nd	nd
1,2-Dibromoethane (EDB)*	5	nd		nd		nd	nd	nd
Chlorobenzene	50	nd	114%	nd	96%	nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd		nd		nd	nd	nd
Ethylbenzene	50	nd		nd		nd	nd	nd
Xylenes	50	nd		nd		nd	nd	nd
Styrene	50	nd		nd		nd	nd	nd
Bromoform	50	nd		nd		nd	nd	nd
Isopropylbenzene	50	nd		nd		nd	nd	nd
1,2,3-Trichloropropane	50	nd		nd		nd	nd	nd
Bromobenzene	50	nd		nd		nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd		nd		nd	nd	nd
n-Propylbenzene	50	nd		nd		nd	nd	nd
2-Chlorotoluene	50	nd		nd		nd	nd	nd
4-Chlorotoluene	50	nd		nd		nd	nd	nd
1,3,5-Trimethylbenzene	50	nd		nd		nd	nd	nd
tert-Butylbenzene	50	nd		nd		nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		MTH BLK	LCS	MTH BLK	LCS	HC-1-1	HC-1-2	HC-1-3
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11
1,2,4-Trimethylbenzene	50	nd		nd		nd	nd	nd
sec-Butylbenzene	50	nd		nd		nd	nd	nd
1,3-Dichlorobenzene	50	nd		nd		nd	nd	nd
Isopropyltoluene	50	nd		nd		nd	nd	nd
1,4-Dichlorobenzene	50	nd		nd		nd	nd	nd
1,2-Dichlorobenzene	50	nd		nd		nd	nd	nd
n-Butylbenzene	50	nd		nd		nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd		nd		nd	nd	nd
1,2,4-Trichlorobenzene	50	nd		nd		nd	nd	nd
Hexachloro-1,3-butadiene	50	nd		nd		nd	nd	nd
Naphtahlene	50	nd		nd		nd	nd	nd
1,2,3-Trichlorobenzene	50	nd		nd		nd	nd	nd
*-instrument detection limits								
Surrogate recoveries								
Dibromofluoromethane		108%	113%	99%	103%	105%	110%	107%
Toluene-d8		102%	89%	99%	99%	96%	94%	101%
1,2-Dichloroethane-d4		78%	80%	103%	104%	83%	80%	78%
4-Bromofluorobenzene		99%	99%	108%	99%	107%	99%	98%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-1-4	HC-1-5	HC-1-6	HC-1-7	HC-1-8	HC-1-9	HC-1-10
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	50	460	430	740	380	920	1,100	410
1,3-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromochloromethane	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)*	5	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd	nd
Styrene	50	nd	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd	nd
Isopropylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Bromobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
n-Propylbenzene	50	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-1-4	HC-1-5	HC-1-6	HC-1-7	HC-1-8	HC-1-9	HC-1-10
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits								
Surrogate recoveries								
Dibromofluoromethane		117%	110%	102%	113%	110%	118%	111%
Toluene-d8		94%	91%	90%	96%	97%	100%	99%
1,2-Dichloroethane-d4		83%	82%	84%	78%	81%	84%	78%
4-Bromofluorobenzene		108%	103%	94%	93%	92%	93%	96%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-1-11	HC-1-12	HC-1-13	HC-2-1	HC-2-2	HC-2-3	HC-2-4
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	50	2,300	1,800	70	nd	110	290	330
1,3-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromochloromethane	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)*	5	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd	nd
Styrene	50	nd	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd	nd
Isopropylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Bromobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,1,2,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
n-Propylbenzene	50	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-1-11	HC-1-12	HC-1-13	HC-2-1	HC-2-2	HC-2-3	HC-2-4
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits								
Surrogate recoveries								
Dibromofluoromethane		114%	111%	118%	108%	111%	116%	115%
Toluene-d8		99%	94%	100%	99%	88%	96%	87%
1,2-Dichloroethane-d4		79%	81%	77%	77%	79%	78%	82%
4-Bromofluorobenzene		100%	102%	96%	97%	109%	112%	95%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
M-matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-2-5	HC-2-6	HC-2-7	HC-2-8	HC-2-9	HC-2-10	HC-2-11
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	50	310	220	230	460	600	1,200	580
1,3-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromochloromethane	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)*	5	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd	nd
Styrene	50	nd	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd	nd
Isopropylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Bromobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
n-Propylbenzene	50	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-2-5	HC-2-6	HC-2-7	HC-2-8	HC-2-9	HC-2-10	HC-2-11
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits								
Surrogate recoveries								
Dibromofluoromethane		109%	115%	112%	119%	115%	118%	119%
Toluene-d8		100%	101%	102%	103%	100%	101%	104%
1,2-Dichloroethane-d4		73%	78%	77%	78%	82%	74%	76%
4-Bromofluorobenzene		97%	91%	88%	90%	90%	87%	92%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-2-12	HC-2-13	HC-3-1	HC-3-2	HC-3-3	HC-3-4	HC-3-5
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/16/11	08/16/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	61	nd	nd	nd	nd	nd	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	44	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	50	2,000	110	nd	130	160	61	180
1,3-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromochloromethane	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)*	5	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd	nd
Styrene	50	nd	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd	nd
Isopropylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Bromobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
n-Propylbenzene	50	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-2-12	HC-2-13	HC-3-1	HC-3-2	HC-3-3	HC-3-4	HC-3-5
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/16/11	08/16/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits								
Surrogate recoveries								
Dibromofluoromethane		115%	125%	101%	96%	104%	107%	105%
Toluene-d8		92%	102%	97%	99%	105%	108%	102%
1,2-Dichloroethane-d4		78%	80%	101%	98%	98%	102%	101%
4-Bromofluorobenzene		99%	93%	100%	102%	105%	115%	111%

Data Qualifiers and Analytical Comments
 nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-3-6	HC-3-7	HC-3-8	HC-3-9	HC-3-10	HC-3-11	HC-3-12
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	67	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	50	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	50	130	100	370	270	170	50	nd
1,3-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Dibromochloromethane	20	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)*	5	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd	nd
Styrene	50	nd	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd	nd
Isopropylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	50	nd	nd	nd	nd	nd	nd	nd
Bromobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd
n-Propylbenzene	50	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results

8260B, µg/kg		HC-3-6	HC-3-7	HC-3-8	HC-3-9	HC-3-10	HC-3-11	HC-3-12
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits								
Surrogate recoveries								
Dibromofluoromethane		100%	105%	102%	106%	97%	107%	107%
Toluene-d8		107%	107%	99%	114%	98%	105%	106%
1,2-Dichloroethane-d4		97%	99%	91%	97%	99%	95%	97%
4-Bromofluorobenzene		102%	101%	96%	93%	102%	98%	93%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
M-matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results		MS		MSD		RPD		MS		MSD	
8260B, µg/kg		HC-3-13	HC-1-13	HC-1-13	HC-1-13	HC-3-13	HC-3-13	HC-3-13	HC-3-13	HC-3-13	HC-3-13
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
MTBE	50	nd									
Dichlorodifluoromethane	50	nd									
Chloromethane	50	nd									
Vinyl chloride	50	nd									
Bromomethane	50	nd									
Chloroethane	50	nd									
Trichlorofluoromethane	50	nd									
1,1-Dichloroethene	50	nd									
Methylene chloride	20	nd									
trans-1,2-Dichloroethene	50	nd									
1,1-Dichloroethane	50	nd									
2,2-Dichloropropane	50	nd									
cis-1,2-Dichloroethene	50	59									
Chloroform	50	nd									
1,1,1-Trichloroethane	50	nd									
Carbontetrachloride	50	nd									
1,1-Dichloropropene	50	nd									
Benzene	20	nd	102%	104%	2%	110%	110%				
1,2-Dichloroethane(EDC)	20	nd									
Trichloroethene	20	87	104%	106%	2%	111%	98%				
1,2-Dichloropropane	50	nd									
Dibromomethane	50	nd									
Bromodichloromethane	50	nd									
cis-1,3-Dichloropropene	50	nd									
Toluene	50	nd	86%	98%	13%	113%	84%				
trans-1,3-Dichloropropene	50	nd									
1,1,2-Trichloroethane	50	nd									
Tetrachloroethene	50	910									
1,3-Dichloropropane	50	nd									
Dibromochloromethane	20	nd									
1,2-Dibromoethane (EDB)*	5	nd									
Chlorobenzene	50	nd	94%	96%	3%	114%	97%				
1,1,1,2-Tetrachloroethane	50	nd									
Ethylbenzene	50	nd									
Xylenes	50	nd									
Styrene	50	nd									
Bromoform	50	nd									
Isopropylbenzene	50	nd									
1,2,3-Trichloropropane	50	nd									
Bromobenzene	50	nd									
1,1,2,2-Tetrachloroethane	50	nd									
n-Propylbenzene	50	nd									
2-Chlorotoluene	50	nd									
4-Chlorotoluene	50	nd									
1,3,5-Trimethylbenzene	50	nd									
tert-Butylbenzene	50	nd									

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		MS		MSD		RPD		MS		MSD	
8260B, µg/kg		HC-3-13	HC-1-13	HC-1-13	HC-1-13	HC-3-13	HC-3-13	HC-3-13	HC-3-13	HC-3-13	HC-3-13
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11

1,2,4-Trimethylbenzene	50	nd
sec-Butylbenzene	50	nd
1,3-Dichlorobenzene	50	nd
Isopropyltoluene	50	nd
1,4-Dichlorobenzene	50	nd
1,2-Dichlorobenzene	50	nd
n-Butylbenzene	50	nd
1,2-Dibromo-3-Chloropropane	50	nd
1,2,4-Trichlorobenzene	50	nd
Hexachloro-1,3-butadiene	50	nd
Naphtahlene	50	nd
1,2,3-Trichlorobenzene	50	nd

*-instrument detection limits

Surrogate recoveries							
Dibromofluoromethane		102%	99%	98%		107%	98%
Toluene-d8		109%	97%	90%		94%	90%
1,2-Dichloroethane-d4		100%	102%	99%		95%	99%
4-Bromofluorobenzene		103%	112%	106%		99%	106%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits

M-matrix interference

Acceptable Recovery limits: 70% TO 130%

Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		RPD
8260B, µg/kg		HC-3-13
Matrix	Soil	Soil
Date extracted	Reporting	08/18/11
Date analyzed	Limits	08/18/11

MTBE	50	
Dichlorodifluoromethane	50	
Chloromethane	50	
Vinyl chloride	50	
Bromomethane	50	
Chloroethane	50	
Trichlorofluoromethane	50	
1,1-Dichloroethene	50	
Methylene chloride	20	
trans-1,2-Dichloroethene	50	
1,1-Dichloroethane	50	
2,2-Dichloropropane	50	
cis-1,2-Dichloroethene	50	
Chloroform	50	
1,1,1-Trichloroethane	50	
Carbontetrachloride	50	
1,1-Dichloropropene	50	
Benzene	20	0%
1,2-Dichloroethane(EDC)	20	
Trichloroethene	20	12%
1,2-Dichloropropane	50	
Dibromomethane	50	
Bromodichloromethane	50	
cis-1,3-Dichloropropene	50	
Toluene	50	29%
trans-1,3-Dichloropropene	50	
1,1,2-Trichloroethane	50	
Tetrachloroethene	50	
1,3-Dichloropropane	50	
Dibromochloromethane	20	
1,2-Dibromoethane (EDB)*	5	
Chlorobenzene	50	15%
1,1,1,2-Tetrachloroethane	50	
Ethylbenzene	50	
Xylenes	50	
Styrene	50	
Bromoform	50	
Isopropylbenzene	50	
1,2,3-Trichloropropane	50	
Bromobenzene	50	
1,1,2,2-Tetrachloroethane	50	
n-Propylbenzene	50	
2-Chlorotoluene	50	
4-Chlorotoluene	50	
1,3,5-Trimethylbenzene	50	
tert-Butylbenzene	50	

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results		RPD
8260B, µg/kg		HC-3-13
Matrix	Soil	Soil
Date extracted	Reporting	08/18/11
Date analyzed	Limits	08/18/11

1,2,4-Trimethylbenzene	50
sec-Butylbenzene	50
1,3-Dichlorobenzene	50
Isopropyltoluene	50
1,4-Dichlorobenzene	50
1,2-Dichlorobenzene	50
n-Butylbenzene	50
1,2-Dibromo-3-Chloropropane	50
1,2,4-Trichlorobenzene	50
Hexachloro-1,3-butadiene	50
Naphtahlene	50
1,2,3-Trichlorobenzene	50

*-instrument detection limits

Surrogate recoveries

Dibromofluoromethane
Toluene-d8
1,2-Dichloroethane-d4
4-Bromofluorobenzene

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
M-matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		Dupl				
NWTPH-Dx, mg/kg		MTH BLK	HC-1-9	HC-2-9	HC-3-9	HC-3-9
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11
Date analyzed	Limits	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd

Surrogate recoveries:						
Fluorobiphenyl		118%	120%	119%	118%	119%
o-Terphenyl		100%	99%	99%	97%	98%

Data Qualifiers and Analytical Comments
 nd - not detected at listed reporting limits
 C - coelution with sample peaks
 Results reported on dry-weight basis
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		Dupl				
NWTPH-Gx / BTEX		MTH BLK	HC-1-9	HC-2-9	HC-3-9	HC-3-9
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11
Date analyzed	Limits	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11

NWTPH-Gx, mg/kg						
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd
Gasoline	5.0	nd	nd	nd	nd	nd

Surrogate recoveries:						
Trifluorotoluene		88%	76%	74%	80%	100%
Bromofluorobenzene		97%	101%	89%	97%	123%

Data Qualifiers and Analytical Comments
 nd - not detected at listed reporting limits
 na - not analyzed
 Results reported on dry-weight basis
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results										Dupl	RPD	MS
Metals (7010/7471), mg/kg		MTH BLK	LCS	HC-1-9	HC-2-9	HC-3-9	HC-3-9	HC-3-9	HC-3-9	HC-3-9	HC-3-9	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Date extracted	Reporting	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	
Date analyzed	Limits	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	
Lead (Pb)	1.0	nd	100%	1.3	nd	1.3	1.8	30%	98%			

Data Qualifiers and Analytical Comments
 nd - not detected at listed reporting limits
 na - not analyzed
 M- matrix interference
 Results reported on dry-weight basis
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results

Moisture, SM2540B	HC-1-1	HC-1-5	HC-1-9	HC-1-13	HC-2-1	HC-2-5	HC-2-9
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date analyzed	08/22/11	08/22/11	08/22/11	08/22/11	08/22/11	08/22/11	08/22/11
Moisture, %	8.2%	8.9%	8.1%	7.6%	8.9%	7.4%	8.6%

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results

Moisture, SM2540B	HC-2-13	HC-3-1	HC-3-5	HC-3-9	HC-3-13
Matrix	Soil	Soil	Soil	Soil	Soil
Date analyzed	08/22/11	08/22/11	08/22/11	08/22/11	08/22/11
Moisture, %	9.8%	8.1%	7.4%	8.6%	7.5%

Sample Custody Record

Samples Shipped to: AAE

1 of 4

A10815-1



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HART CROWSER

Hart Crowser, Inc.
1910 Fairview Avenue East
Seattle, Washington 98102-3699
Phone: 206-324-9530 FAX: 206-328-5581

JOB <u>17651-00</u> LAB NUMBER		PROJECT NAME <u>Thinkertops - 800 Property</u>		HART CROWSER CONTACT <u>Julie Wukelic</u>		SAMPLED BY: <u>Jesse Overton</u>		REQUESTED ANALYSIS		OBSERVATIONS/COMMENTS/ COMPOSITING INSTRUCTIONS			
LAB NO.	SAMPLE ID	DESCRIPTION	DATE	TIME	MATRIX	NO. OF CONTAINERS	REQUSTED ANALYSIS					NO. OF CONTAINERS	
HC-1-1	20'	soil	8/13/14	8:00	soil	2	X	X	X				2 140mL VOA for VOC + 1 4oz.
HC-1-2	22.5'			8:10		1	X	X	X				1 VOA only for others
HC-1-3	25'			8:16		1	X	X	X				
HC-1-4	27.5'			8:23		1	X	X	X				
HC-1-5	30'			8:32		2	X	X	X				2 40mL VOA for VOC + 4oz.
HC-1-6	32.5'			8:38		1	X	X	X				1 VOA
HC-1-7	35'			8:48		1	X	X	X				1
HC-1-8	37.5'			9:59		1	X	X	X				1
HC-1-9	40'			9:07		2	X	X	X				2 VOA ; 4oz
HC-1-10	42.5'			9:18		1	X	X	X				1 VOA
HC-1-11	45'			9:32		1	X	X	X				1
HC-1-12	47.5'			9:52		1	X	X	X				1
RELINQUISHED BY		DATE	RECEIVED BY	DATE	DATE	SPECIAL SHIPMENT HANDLING OR STORAGE REQUIREMENTS:		TOTAL NUMBER OF CONTAINERS		SAMPLE RECEIPT INFORMATION			
SIGNATURE <u>Jesse P. Overton</u>		8/15/11	SIGNATURE <u>V. SHAWON</u>	08/15/11	TIME	⊗ OK to Run		15	CUSTODY SEALS: YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/>				
PRINT NAME <u>Jesse P. Overton</u>		TIME	PRINT NAME <u>V. SHAWON</u>	TIME	13:00	VGI			GOOD CONDITION YES <input type="checkbox"/> NO <input type="checkbox"/>				
COMPANY <u>Hart Crowser</u>		10:00	COMPANY <u>AAE</u>						TEMPERATURE SHIPMENT METHOD: <input type="checkbox"/> HAND <input type="checkbox"/> OVERNIGHT <input type="checkbox"/>				
RELINQUISHED BY		DATE	RECEIVED BY	DATE	COOLER NO.:		STORAGE LOCATION:		TURNAROUND TIME:				
SIGNATURE		TIME	SIGNATURE	TIME					<input type="checkbox"/> 24 HOURS <input type="checkbox"/> 1 WEEK				
PRINT NAME		TIME	PRINT NAME	TIME	See Lab Work Order No. _____		for Other Contract Requirements		<input type="checkbox"/> 48 HOURS <input type="checkbox"/> STANDARD				
COMPANY		TIME	COMPANY	TIME					<input type="checkbox"/> 72 HOURS <input type="checkbox"/> OTHER _____				

Sample Custody Record

Samples Shipped to: HAL

2 of 4

A 10815-1



HART CROWSER

Hart Crowser, Inc.
1910 Fairview Avenue East
Seattle, Washington 98102-3699
Phone: 206-324-9530 FAX: 206-328-5581

JOB		LAB NUMBER		PROJECT NAME		HART CROWSER CONTACT		SAMPLED BY:		OBSERVATIONS/COMMENTS/ COMPOSITING INSTRUCTIONS			
17651-00				Thinterboys - SEO Property		Julie Wubelic		Jesse Oertzen					
LAB NO.	SAMPLE ID	DESCRIPTION	DATE	TIME	MATRIX	REQUESTED ANALYSIS							
HC-2-13	50'	50'	8/13/11	10:02	soil	VOC	NUTRPH - Gx	NUTRPH - Dx	Lead			2	VOA ; 4oz.
HC-2-1	20'	20'		10:42		X	X	X		HOLD		2	H
HC-2-2	22.5'	22.5'		10:48		X	X	X		HOLD		1	VOA only
HC-2-3	25'	25'		10:55		X	X	X		HOLD		1	
HC-2-4	27.5'	27.5'		11:05		X	X	X		HOLD		1	
HC-2-5	30'	30'		11:11		X	X	X		HOLD		2	VOA ; 4oz.
HC-2-6	32.5'	32.5'		11:20		X	X	X		HOLD		1	VOA only
HC-2-7	35'	35'		11:33		X	X	X				1	
HC-2-8	37.5'	37.5'		11:45		X	X	X				1	
HC-2-9	40'	40'		11:55		X	X	X				2	VOA ; 4oz.
HC-2-10	42.5'	42.5'		12:04		X	X	X				1	VOA only
HC-2-11	45'	45'		12:20		X	X	X				1	
RELINQUISHED BY		DATE	RECEIVED BY	DATE	SPECIAL SHIPMENT HANDLING OR STORAGE REQUIREMENTS:		TOTAL NUMBER OF CONTAINERS		SAMPLE RECEIPT INFORMATION				
Jesse P. Oertzen		8/15/14	V. NAWAN	08/15/11	OK to run		16		CUSTODY SEALS: YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/>				
Jesse P. Oertzen		10:00	V. NAWAN	13:00					GOOD CONDITION YES <input type="checkbox"/> NO <input type="checkbox"/>				
Hart Crowser			HAL						TEMPERATURE SHIPMENT METHOD: <input type="checkbox"/> HAND <input type="checkbox"/> COURIER <input type="checkbox"/> OVERNIGHT				
RELINQUISHED BY		DATE	RECEIVED BY	DATE	COOLER NO.:		STORAGE LOCATION:		TURNAROUND TIME:				
SIGNATURE		TIME	SIGNATURE	TIME					<input type="checkbox"/> 24 HOURS <input type="checkbox"/> 1 WEEK				
PRINT NAME			PRINT NAME		See Lab Work Order No. _____		for Other Contract Requirements		<input type="checkbox"/> 48 HOURS <input type="checkbox"/> STANDARD				
COMPANY			COMPANY						<input type="checkbox"/> 72 HOURS <input type="checkbox"/> OTHER _____				

Sample Custody Record

Samples Shipped to: AAR 3 of 4

A10815-1



HARTCROWSER

Hart Crowser, Inc.
1910 Fairview Avenue East
Seattle, Washington 98102-3699
Phone: 206-324-9530 FAX: 206-328-5581

JOB 17651-00		LAB NUMBER		PROJECT NAME <u>thinker toys SRO</u>		HART CROWSER CONTACT <u>Julie Wulelic</u>		SAMPLED BY: <u>Payan de-Moitoi</u>		OBSERVATIONS/COMMENTS/ COMPOSITING INSTRUCTIONS	
LAB NO.	SAMPLE ID	DESCRIPTION	DATE	TIME	MATRIX	REQUESTED ANALYSIS		NO. OF CONTAINERS			
HC-3-1	20'		8/13/11	8:05	Soil	VOC	X	X	2	VOA 4 oz.	
HC-3-2	22.5'			8:15		UPTH-Dx	X	X	1	VOA	
HC-3-3	25'			8:30		Lead	X	X	1		
HC-3-4	27.5'			8:35		UPTH-Gx	X	X	1		
HC-3-5	30'			8:40			X	X	2	VOA 4 oz.	
HC-3-6	32.5'			8:45			X	X	1	VOA	
HC-3-7	35'			8:50			X	X	1		
HC-3-8	37.5'			8:55			X	X	1		
HC-3-9	40'			9:00			X	X	2	VOA 4 oz.	
HC-3-10	42.5'			9:10			X	X	1	VOA	
HC-3-11	45'			9:20			X	X	1		
HC-3-12	47.5'			9:30			X	X	1		
RELINQUISHED BY		DATE	RECEIVED BY	DATE	SPECIAL SHIPMENT HANDLING OR STORAGE REQUIREMENTS:		TOTAL NUMBER OF CONTAINERS		SAMPLE RECEIPT INFORMATION		
[Signature]		8/15/11	[Signature]	08/15/11	OK to run		15		CUSTODY SEALS: YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/>		
[Signature]		10:00	[Signature]	13:00	VFA				GOOD CONDITION YES <input type="checkbox"/> NO <input type="checkbox"/>		
[Signature]			[Signature]						TEMPERATURE _____		
[Signature]			[Signature]						SHIPMENT METHOD: <input type="checkbox"/> HAND <input type="checkbox"/> COURIER <input type="checkbox"/> OVERNIGHT		
RELINQUISHED BY		DATE	RECEIVED BY	DATE	COOLER NO.:		STORAGE LOCATION:		TURNAROUND TIME:		
[Signature]			[Signature]		See Lab Work Order No. _____		For Other Contract Requirements		<input type="checkbox"/> 24 HOURS <input type="checkbox"/> 1 WEEK		
[Signature]			[Signature]						<input type="checkbox"/> 48 HOURS <input type="checkbox"/> STANDARD		
[Signature]			[Signature]						<input type="checkbox"/> 72 HOURS <input type="checkbox"/> OTHER _____		

Sample Custody Record

Samples Shipped to: AAR 4014

Hart Crowser, Inc.
1910 Fairview Avenue East
Seattle, Washington 98102-3699
Phone: 206-324-9530 FAX: 206-328-5581



JOB <u>17651-00</u> LAB NUMBER		PROJECT NAME <u>Thinkertops - 500 Property</u>		HART CROWSER CONTACT <u>Julie Wubelic</u>		SAMPLED BY: <u>Jesse Overton</u>		OBSERVATIONS/COMMENTS/ COMPOSITING INSTRUCTIONS	
LAB NO.	SAMPLE ID	DESCRIPTION	DATE	TIME	MATRIX	REQUESTED ANALYSIS		NO. OF CONTAINERS	
	HC-3-13	50'	8/13/11	9:40	Soil	VOC	Lead	2	
	HC-2-12	47.5'		12:30				1	
	HC-2-13	50'		12:43				2	
RELINQUISHED BY		DATE	RECEIVED BY	DATE	SPECIAL SHIPMENT HANDLING OR STORAGE REQUIREMENTS:		TOTAL NUMBER OF CONTAINERS		
SIGNATURE <u>Jesse P. Overton</u>		8/15/11	SIGNATURE <u>V. Kaur</u>	08/15/11			SAMPLE RECEIPT INFORMATION CUSTODY SEALS: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A GOOD CONDITION <input type="checkbox"/> YES <input type="checkbox"/> NO TEMPERATURE _____ SHIPMENT METHOD: <input type="checkbox"/> HAND <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> COURIER		
PRINT NAME <u>Jesse P. Overton</u>		TIME <u>10:00</u>	PRINT NAME <u>V. Kaur</u>	TIME <u>13:00</u>					
COMPANY <u>Hart Crowser</u>			COMPANY <u>ATL</u>						
RELINQUISHED BY		DATE	RECEIVED BY	DATE	COOLER NO.:		STORAGE LOCATION:		
SIGNATURE		TIME	SIGNATURE	TIME	See Lab Work Order No. _____ for Other Contract Requirements				
PRINT NAME			PRINT NAME						
COMPANY			COMPANY						

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results	MTH BLK		LCS		MTH BLK		LCS		HC-1-1		HC-1-2		HC-1-3		HC-1-4		HC-1-5		HC-1-6	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	08/16/11	08/16/11	08/16/11	08/16/11	08/18/11	08/18/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/18/11	08/18/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/18/11	08/18/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	110%	nd	nd	nd	nd	83%	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	84%	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	nd	115%	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		MTH BLK		LCS		MTH BLK		LCS		HC-1-1		HC-1-2		HC-1-3		HC-1-4		HC-1-5		HC-1-6	
8260B, µg/kg	Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		08/16/11	08/16/11	08/18/11	08/18/11	08/16/11	08/16/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
		Reporting	Limits																		
	cis-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Toluene	50	nd	105%	88%	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	trans-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	1,1,2-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Tetrachloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	92	360	460	430	740	nd	nd	nd	nd	nd
	1,3-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Dibromochloromethane	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	1,2-Dibromoethane (EDB)*	5	nd	114%	96%	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Chlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	1,1,1,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Ethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Xylenes	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Styrene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Bromoform	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Isopropylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	1,2,3-Trichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Bromobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	1,1,2,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	n-Propylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	2-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	4-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	1,3,5-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	tert-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		MTH BLK		LCS		MTH BLK		LCS		HC-1-1		HC-1-2		HC-1-3		HC-1-4		HC-1-5		HC-1-6	
8260B, µg/kg	Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Date extracted	Reporting		08/16/11		08/18/11		08/18/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11	
	Date analyzed	Limits		08/16/11		08/18/11		08/18/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11	
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits																					
Surrogate recoveries																					
Dibromofluoromethane		108%	113%	99%	103%	105%	110%	107%	117%	110%	102%	102%	90%								
Toluene-d8		102%	89%	99%	99%	96%	94%	101%	94%	91%	90%	90%									
1,2-Dichloroethane-d4		78%	80%	103%	104%	83%	80%	78%	83%	82%	84%	84%									
4-Bromofluorobenzene		99%	99%	108%	99%	107%	99%	98%	108%	103%	94%	94%									

Data Qualifiers and Analytical Comments
 nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg	MTH BLK		LCS		MTH BLK		LCS		HC-1-1		HC-1-2		HC-1-3		HC-1-4		HC-1-5		HC-1-6	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting		08/16/11	08/16/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits		08/16/11	08/16/11	08/18/11	08/18/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11

Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		HC-1-7	HC-1-8	HC-1-9	HC-1-10	HC-1-11	HC-1-12	HC-1-13	HC-2-1	HC-2-2	HC-2-3
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		HC-1-7	HC-1-8	HC-1-9	HC-1-10	HC-1-11	HC-1-12	HC-1-13	HC-2-1	HC-2-2	HC-2-3
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
cis-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	50	380	920	1,100	410	2,300	1,800	70	nd	110	290
1,3-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibromochloromethane	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)*	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Styrene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Isopropylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
n-Propylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		HC-1-7	HC-1-8	HC-1-9	HC-1-10	HC-1-11	HC-1-12	HC-1-13	HC-2-1	HC-2-2	HC-2-3
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits											
Surrogate recoveries		113%	110%	118%	111%	114%	111%	118%	108%	111%	116%
Dibromofluoromethane		96%	97%	100%	99%	99%	94%	100%	99%	88%	96%
Toluene-d8		78%	81%	84%	78%	79%	81%	77%	77%	79%	78%
1,2-Dichloroethane-d4		93%	92%	93%	96%	100%	102%	96%	97%	109%	112%
4-Bromofluorobenzene											

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg	HC-1-7	HC-1-8	HC-1-9	HC-1-10	HC-1-11	HC-1-12	HC-1-13	HC-2-1	HC-2-2	HC-2-3
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11

Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results	HC-2-4		HC-2-5		HC-2-6		HC-2-7		HC-2-8		HC-2-9		HC-2-10		HC-2-11		HC-2-12		HC-2-13		
	Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results	HC-2-4		HC-2-5		HC-2-6		HC-2-7		HC-2-8		HC-2-9		HC-2-10		HC-2-11		HC-2-12		HC-2-13		
	Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Date extracted	08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		
Date analyzed	08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		08/16/11		
cis-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	50	330	310	220	230	460	600	1,200	580	2,000	110	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibromochloromethane	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)*	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Styrene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Isopropylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
n-Propylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		HC-2-4	HC-2-5	HC-2-6	HC-2-7	HC-2-8	HC-2-9	HC-2-10	HC-2-11	HC-2-12	HC-2-13
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	Limits	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits											
Surrogate recoveries											
Dibromofluoromethane		115%	109%	115%	112%	119%	115%	118%	119%	115%	125%
Toluene-d8		87%	100%	101%	102%	103%	100%	101%	104%	92%	102%
1,2-Dichloroethane-d4		82%	73%	78%	77%	78%	82%	74%	76%	78%	80%
4-Bromofluorobenzene		95%	97%	91%	88%	90%	90%	87%	92%	99%	93%

Data Qualifiers and Analytical Comments
 nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg	HC-2-4	HC-2-5	HC-2-6	HC-2-7	HC-2-8	HC-2-9	HC-2-10	HC-2-11	HC-2-12	HC-2-13
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11
Date analyzed	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11	08/16/11

Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		HC-3-1	HC-3-2	HC-3-3	HC-3-4	HC-3-5	HC-3-6	HC-3-7	HC-3-8	HC-3-9	HC-3-10	HC-3-11
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
MTBE	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	67
Chloroform	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results 8260B, µg/kg	HC-3-1		HC-3-2		HC-3-3		HC-3-4		HC-3-5		HC-3-6		HC-3-7		HC-3-8		HC-3-9		HC-3-10		HC-3-11			
	Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Date extracted		08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	
Date analyzed		08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	
cis-1,3-Dichloropropene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toluene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene		50	130	130	160	61	180	130	100	370	270	170	50											
1,3-Dichloropropane		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibromochloromethane		20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)*		5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Xylenes		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Styrene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromoform		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Isopropylbenzene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromobenzene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
n-Propylbenzene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
tert-Butylbenzene		50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		HC-3-1	HC-3-2	HC-3-3	HC-3-4	HC-3-5	HC-3-6	HC-3-7	HC-3-8	HC-3-9	HC-3-10	HC-3-11
8260B, µg/kg	Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits												
Surrogate recoveries												
Dibromofluoromethane		101%	96%	104%	107%	105%	100%	105%	102%	106%	97%	107%
Toluene-d8		97%	99%	105%	108%	102%	107%	107%	99%	114%	98%	105%
1,2-Dichloroethane-d4		101%	98%	98%	102%	101%	97%	99%	91%	97%	99%	95%
4-Bromofluorobenzene		100%	102%	105%	115%	111%	102%	101%	96%	93%	102%	98%

Data Qualifiers and Analytical Comments
 nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results

8260B, µg/kg	HC-3-1	HC-3-2	HC-3-3	HC-3-4	HC-3-5	HC-3-6	HC-3-7	HC-3-8	HC-3-9	HC-3-10	HC-3-11
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11

Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		MS		MSD		RPD		MS		MSD		RPD	
8260B, µg/kg		HC-3-12		HC-1-13		HC-1-13		HC-3-13		HC-3-13		HC-3-13	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11

MTBE	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Vinyl chloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Methylene chloride	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroform	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Carbontetrachloride	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	20	102%	104%	104%	104%	2%	110%	110%	110%	2%	110%	110%	0%
1,2-Dichloroethane(EDC)	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	20	104%	106%	106%	106%	2%	111%	111%	111%	2%	111%	98%	12%
1,2-Dichloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibromomethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		MS		MSD		RPD		MS		MSD		RPD	
8260B, µg/kg		HC-3-12		HC-1-13		HC-1-13		HC-3-13		HC-3-13		HC-3-13	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
cis-1,3-Dichloropropene	50	nd	nd	86%	98%	13%	113%	84%	29%				
Toluene	50	nd	nd										
trans-1,3-Dichloropropene	50	nd	nd										
1,1,2-Trichloroethane	50	nd	nd										
Tetrachloroethene	50	910	nd										
1,3-Dichloropropane	50	nd	nd										
Dibromochloromethane	20	nd	nd										
1,2-Dibromoethane (EDB)*	5	nd	nd										
Chlorobenzene	50	nd	nd	94%	96%	3%	114%	97%	15%				
1,1,1,2-Tetrachloroethane	50	nd	nd										
Ethylbenzene	50	nd	nd										
Xylenes	50	nd	nd										
Styrene	50	nd	nd										
Bromoform	50	nd	nd										
Isopropylbenzene	50	nd	nd										
1,2,3-Trichloropropane	50	nd	nd										
Bromobenzene	50	nd	nd										
1,1,2,2-Tetrachloroethane	50	nd	nd										
n-Propylbenzene	50	nd	nd										
2-Chlorotoluene	50	nd	nd										
4-Chlorotoluene	50	nd	nd										
1,3,5-Trimethylbenzene	50	nd	nd										
tert-Butylbenzene	50	nd	nd										

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		MS		MSD		RPD		MS		MSD		RPD	
8260B, µg/kg		HC-3-12		HC-1-13		HC-1-13		HC-3-13		HC-3-13		HC-3-13	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
1,2,4-Trimethylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Isopropyltoluene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Naphtahlene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
*-instrument detection limits													
Surrogate recoveries													
Dibromofluoromethane		107%	102%	99%	98%	107%	98%	98%	107%	98%	98%	98%	98%
Toluene-d8		106%	109%	97%	90%	94%	90%	90%	94%	90%	90%	90%	90%
1,2-Dichloroethane-d4		97%	100%	102%	99%	95%	99%	99%	95%	99%	99%	99%	99%
4-Bromofluorobenzene		93%	103%	112%	106%	99%	106%	106%	99%	106%	106%	106%	106%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
 M-matrix interference
 Acceptable Recovery limits: 70% TO 130%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		MS	MSD	RPD	MS	MSD	RPD
8260B, µg/kg		HC-3-12	HC-3-13	HC-1-13	HC-1-13	HC-3-13	HC-3-13
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11
Date analyzed	Limits	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11	08/18/11

Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results						Dupl
NWTPH-Dx, mg/kg		MTH BLK	HC-1-9	HC-2-9	HC-3-9	HC-3-9
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11
Date analyzed	Limits	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd

Surrogate recoveries:

Fluorobiphenyl	118%	120%	119%	118%	119%
o-Terphenyl	100%	99%	99%	97%	98%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
 C - coelution with sample peaks
 Results reported on dry-weight basis
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results		Dupl				
NWTPH-Gx / BTEX		MTH BLK	HC-1-9	HC-2-9	HC-3-9	HC-3-9
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11
Date analyzed	Limits	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11

NWTPH-Gx, mg/kg						
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd
Gasoline	5.0	nd	nd	nd	nd	nd

Surrogate recoveries:						
Trifluorotoluene		88%	76%	74%	80%	100%
Bromofluorobenzene		97%	101%	89%	97%	123%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
 na - not analyzed
 Results reported on dry-weight basis
 Acceptable Recovery limits: 70% TO 130%
 Acceptable RPD limit: 30%

AAL Job Number: A10815-1
 Client: Hart Crowser, Inc.
 Project Manager: Julie Wukelic
 Client Project Name: Thinker Toys
 Client Project Number: 17651-00
 Date received: 08/15/11

Analytical Results								Dupl	RPD
Metals (7010/7471), mg/kg		MTH BLK	LCS	HC-1-9	HC-2-9	HC-3-9	HC-3-9	HC-3-9	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Date extracted	Reporting	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	
Date analyzed	Limits	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	08/19/11	
Lead (Pb)	1.0	nd	100%	1.3	nd	1.3	1.8	30%	

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits

na - not analyzed

M- matrix interference

Results reported on dry-weight basis

Acceptable Recovery limits: 70% TO 130%

Acceptable RPD limit: 30%

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results		MS
Metals (7010/7471), mg/kg		HC-3-9
Matrix	Soil	Soil
Date extracted	Reporting	08/19/11
Date analyzed	Limits	08/19/11
Lead (Pb)	1.0	98%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits

na - not analyzed

M- matrix interference

Results reported on dry-weight basis

Acceptable Recovery limits: 70% TO 130%

Acceptable RPD limit: 30%

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results

Moisture, SM2540B	HC-1-1	HC-1-5	HC-1-9	HC-1-13	HC-2-1	HC-2-5	HC-2-9
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date analyzed	08/22/11	08/22/11	08/22/11	08/22/11	08/22/11	08/22/11	08/22/11
Moisture, %	8.2%	8.9%	8.1%	7.6%	8.9%	7.4%	8.6%

AAL Job Number: A10815-1
Client: Hart Crowser, Inc.
Project Manager: Julie Wukelic
Client Project Name: Thinker Toys
Client Project Number: 17651-00
Date received: 08/15/11

Analytical Results

Moisture, SM2540B	HC-2-13	HC-3-1	HC-3-5	HC-3-9	HC-3-13
Matrix	Soil	Soil	Soil	Soil	Soil
Date analyzed	08/22/11	08/22/11	08/22/11	08/22/11	08/22/11
Moisture, %	9.8%	8.1%	7.4%	8.6%	7.5%

GeoEngineers Remark:
This laboratory data package 8061 includes soil analytical results from the following exploration location on or near the Bellevue Corner Property:
MW19

Friedman & Bruya #008061

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

August 27, 2010

Jeff Kaspar, Project Manager
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr. Kaspar:

Included are the results from the testing of material submitted on August 5, 2010 from the Former Thinker Toys 262-001, F&BI 008061 project. There are 22 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
FLN0827R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 5, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 262-001, F&BI 008061 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008061-01	MW9-4.5-080510
008061-02	MW9-10.0-080510
008061-03	MW9-15.0-080510
008061-04	MW9-20.0-080510
008061-05	MW9-24.0-080510
008061-06	MW9-29.5-080510
008061-07	MW19-4.5-080510
008061-08	MW19-9.0-080510
008061-09	MW19-24.0-080510
008061-10	MW19-29.0-080510
008061-11	MW10-5.0-080510
008061-12	MW10-10.0-080510
008061-13	MW10-14.0-080510
008061-14	MW10-19.0-080510
008061-15	MW10-24.0-080510

All quality control requirements were acceptable.

Date of Report: 08/27/10
Date Received: 08/05/10
Project: Former Thinker Toys 262-001, F&BI 008061
Date Extracted: 08/16/10
Date Analyzed: 08/16/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
MW19-24.0-080510 008061-09	<2	92
Method Blank 00-1230 MB	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/10

Date Received: 08/05/10

Project: Former Thinker Toys 262-001, F&BI 008061

Date Extracted: 08/13/10

Date Analyzed: 08/17/10 and 08/20/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
MW19-24.0-080510 008061-09	<50	<250	101
Method Blank 00-1250 MB	<50	<250	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW9-4.5-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-01
Date Analyzed:	08/16/10	Data File:	081616.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW9-10.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-02
Date Analyzed:	08/16/10	Data File:	081617.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW9-15.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-03
Date Analyzed:	08/16/10	Data File:	081618.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	125	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	123	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW9-20.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-04
Date Analyzed:	08/16/10	Data File:	081619.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW9-29.5-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-06
Date Analyzed:	08/16/10	Data File:	081620.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW19-4.5-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-07
Date Analyzed:	08/17/10	Data File:	081628.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW19-9.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-08
Date Analyzed:	08/17/10	Data File:	081629.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	115	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW19-24.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-09
Date Analyzed:	08/17/10	Data File:	081630.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW19-29.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-10
Date Analyzed:	08/17/10	Data File:	081631.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW10-5.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-11
Date Analyzed:	08/17/10	Data File:	081632.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW10-10.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-12
Date Analyzed:	08/17/10	Data File:	081633.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW10-14.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-13
Date Analyzed:	08/17/10	Data File:	081634.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW10-19.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-14
Date Analyzed:	08/17/10	Data File:	081635.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW10-24.0-080510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	008061-15
Date Analyzed:	08/17/10	Data File:	081636.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	115	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262-001, F&BI 008061
Date Extracted:	08/16/10	Lab ID:	00-1255 mb
Date Analyzed:	08/17/10	Data File:	081627.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/10

Date Received: 08/05/10

Project: Former Thinker Toys 262-001, F&BI 008061

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR
TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008062-28 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	69	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/10

Date Received: 08/05/10

Project: Former Thinker Toys 262-001, F&BI 008061

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 008142-42 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	95	98	64-133	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/10

Date Received: 08/05/10

Project: Former Thinker Toys 262-001, F&BI 008061

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008061-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	33	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	58	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	56	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	59	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	68	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	77	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	71	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	72	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	76	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	77	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	77	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	84	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	85	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	86	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery		Acceptance Criteria	RPD (Limit 20)
			LCS	LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	77	70	36-123	10
Chloroethane	mg/kg (ppm)	2.5	98	97	10-281	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	93	83	48-135	11
Methylene chloride	mg/kg (ppm)	2.5	90	84	42-144	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	84	65-125	10
1,1-Dichloroethane	mg/kg (ppm)	2.5	95	87	72-120	9
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	89	73-120	9
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	100	92	66-125	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	93	71-131	9
Benzene	mg/kg (ppm)	2.5	98	89	73-115	10
Trichloroethene	mg/kg (ppm)	2.5	99	90	75-120	10
Toluene	mg/kg (ppm)	2.5	99	91	75-117	8
Tetrachloroethene	mg/kg (ppm)	2.5	100	94	80-120	6
Ethylbenzene	mg/kg (ppm)	2.5	103	96	74-122	7
m,p-Xylene	mg/kg (ppm)	5	105	97	78-114	8
o-Xylene	mg/kg (ppm)	2.5	106	98	81-116	8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j – The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

Friedman & Bruya #008061 Additional

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

September 30, 2010

Jeff Kaspar, Project Manager
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr. Kaspar:

Included are the additional results from the testing of material submitted on August 5, 2010 from the Former Thinker Toys 262-001, F&BI 008061 project. There is 1 page included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
FLN0930R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 5, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 262-001, F&BI 008061 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008061-01	MW9-4.5-080510
008061-02	MW9-10.0-080510
008061-03	MW9-15.0-080510
008061-04	MW9-20.0-080510
008061-05	MW9-24.0-080510
008061-06	MW9-29.5-080510
008061-07	MW19-4.5-080510
008061-08	MW19-9.0-080510
008061-09	MW19-24.0-080510
008061-10	MW19-29.0-080510
008061-11	MW10-5.0-080510
008061-12	MW10-10.0-080510
008061-13	MW10-14.0-080510
008061-14	MW10-19.0-080510
008061-15	MW10-24.0-080510

The samples MW9-15.0-080510 and MW9-24.0-080510 were sent to Fremont for total organic carbon analysis. The report is enclosed.



2930 Westlake Ave N Suite 100
Seattle, WA 98109
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Friedman and Bruya, Inc.
Attn: Michael Erdahl
3012 16th Ave W.
Seattle, WA 98119

RE: 008061
Fremont Project No: CHM100921-1

September 29th, 2010

Michael:

Enclosed are the analytical results for the **008061** soil samples submitted to Fremont Analytical on September 21st, 2010.

Examination of these samples was conducted for the presence of the following:

- **Total Organic Carbon by EPA Method 9060A**

This application was performed under Washington State Department of Ecology accreditation parameters. All appropriate Quality Assurance / Quality Control method parameters have been applied.

Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical!

Sincerely,

A handwritten signature in black ink, appearing to read "M. Clements", with a stylized flourish at the end.

Michelle Clements
Lab Manager / Sr. Chemist
mclements@fremontanalytical.com



2930 Westlake Ave. N., Suite 100
Seattle, WA 98109

T: 206.352.3790
F: 206.352.7178
email: info@fremontanalytical.com

Total Organic Carbon by EPA Method 9060A

Project: 008061
Client: Friedman & Bruya
Client Project #: A-604
Lab Project #: CHM100921-1

EPA 9060A (Percent Organic Carbon by Weight)	MRL	Method Blank	LCS
Date Sampled			
Date Analyzed		9/28/10	9/28/10
Matrix			
Total Organic Carbon	0.1	nd	101%

"nd" Indicates no detection at the listed reporting limits
 "int" Indicates that interference prevents determination
 "J" Indicates estimated value
 "H" Indicates sample exceeded holding time / Est. value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
Acceptable Recovery Limits:
 LCS, LCSD, MS, MSD: 65% to 135%
 Spike Concentration = 2.4% by Weight (g)



2930 Westlake Ave. N., Suite 100
Seattle, WA 98109

T: 206.352.3790
F: 206.352.7178
email: info@fremontanalytical.com

Total Organic Carbon by EPA Method 9060A

Project: 008061
Client: Friedman & Bruya
Client Project #: A-604
Lab Project #: CHM100921-1

EPA 9060A (Percent Organic Carbon by Weight)	MRL	Duplicate			RPD %
		MW9-15.0-080510 ^H	MW9-24.0-080510 ^H	MW9-24.0-080510 ^H	
Date Sampled		8/5/10	8/5/10	8/5/10	
Date Analyzed		9/28/10	9/28/10	9/28/10	
Matrix		Soil	Soil	Soil	
Total Organic Carbon	0.1	0.022 J	0.057 J	0.068 J	17%

"nd" Indicates no detection at the listed reporting limits
 "int" Indicates that interference prevents determination
 "J" Indicates estimated value
 "H" Indicates sample exceeded holding time / Est. value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
Acceptable Recovery Limits:
 LCS, LCSD, MS, MSD: 65% to 135%
 Spike Concentration = 2.4% by Weight (g)



Total Organic Carbon by EPA Method 9060A

Project: 008061
Client: Friedman & Bruya
Client Project #: A-604
Lab Project #: CHM100921-1

		MS	MSD	
EPA 9060A	MRL	MW9-24.0-080510 ^H	MW9-24.0-080510 ^H	RPD
<i>(Percent Organic Carbon by Weight)</i>				%
Date Sampled		8/5/10	8/5/10	
Date Analyzed		9/28/10	9/28/10	
Matrix		Soil	Soil	
Total Organic Carbon	0.1	85.0%	106%	22%

"nd" Indicates no detection at the listed reporting limits
 "int" Indicates that interference prevents determination
 "J" Indicates estimated value
 "H" Indicates sample exceeded holding time / Est. value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
Acceptable Recovery Limits:
 LCS, LCSD, MS, MSD: 65% to 135%
 Spike Concentration = 2.4% by Weight (g)

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

CHM100921-1

Page # 1 of 1

Send Report To Michael Erdahl
 Company Friedman and Bruya, Inc.
 Address 3012 16th Ave W
 City, State, ZIP Seattle, WA 98119
 Phone # (206) 285-8282 Fax # (206) 283-5044

SUBCONTRACTOR <i>Fremont</i>	
PROJECT NAME/NO. <i>008061</i>	PO # <i>A-604</i>
REMARKS Please Email Results merdahl@friedmanandbruya.com	

TURNAROUND TIME
<input checked="" type="checkbox"/> Standard (2 Weeks)
<input type="checkbox"/> RUSH
Rush charges authorized by: _____
SAMPLE DISPOSAL
<input type="checkbox"/> Dispose after 30 days
<input type="checkbox"/> Return samples
<input type="checkbox"/> Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED							Notes
						Oil and Grease	EPH	VPH	Nitrate	Sulfate	Alkalinity	Toc	
<i>MWA-15.0-080510</i>		<i>8/5/10</i>	<i>0909</i>	<i>soil</i>	<i>1</i>							<i>X</i>	
<i>MWA-24.0-080510</i>		<i>1</i>	<i>0925</i>	<i>1</i>								<i>X</i>	

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<i>Michael Erdahl</i>	Michael Erdahl	Friedman & Bruya	<i>9/2/10</i>	<i>1330</i>
<i>Troy Zehr</i>	Troy Zehr	<i>F.A.</i>	<i>9/2/10</i>	<i>8:30</i>
Relinquished by:				
Received by:				

008061

SAMPLE CHAIN OF CUSTODY

ME 08/05/10

V32

Send Report To Jeff Haspar
 Company Farallon Consulting
 Address 775 5th Ave NW
 City, State, ZIP Issaquah, WA 98027
 Phone # 425-295-0500 Fax # 425-295-0550

SAMPLERS (signature) Jeff
 PROJECT NAME/NO. FORAM THE SPENTONS PO # 262-001
 REMARKS W. call with results
Thank you

Page # 1 of 2
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	AVOCs by 8200	SVOCs by 8270	HPS	TOC					
MW9-4.5-030510	1AD	8/5/10	2852	S	4				X								Ⓟ-peTK 8/17/10
MW9-10.0-030510	2AD		3555						X								X-peTK
MW9-15.0-030510	3AD		0909						X								8/9/10
MW9-20.0-030510	2AD		0915						X								MS
MW9-24.0-030510	5AD		0725														Ⓟ-peTK
MW9-27.5-030510	1AD		0940						X								8/11/10
MW9-4.5-050510	7AD		1235						X								MS
MW9-9.0-050510	8AD		1245						X								
MW9-24.0-070510	9AD		1255						X								
MW9-27.0-070510	1AD		1300						X								

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119 2029
 Ph. (206) 285-8282
 Fax (206) 283-5011
 FORMS-COC-COC-001

SIGNATURE	PRINT NAME
Relinquished by <u>Jeff</u>	Jawan Buark
Received by <u>Tommy Law</u>	Nhan Phan
Relinquished by	
Received by	

COMPANY	DATE	TIME
Farallon	8/5/10	1600
FEBI	8/5/10	✓
Samples received at <u>2</u> °C		

008061

SAMPLE CHAIN OF CUSTODY ME 08/05/10

US2

Page # 2 of 2

Send Report To John Kaspar
 Company Farellon Consulting
 Address 975 5th Ave NW
 City, State, ZIP Issaquah, WA 98027
 Phone # 425-275-0800 Fax # 425-275-0350

SAMPLERS (signature) [Signature]

PROJECT NAME/NO: Former Thinker Toys PO # 262-001
262-001

REMARKS Will call with analysis
Thank you,

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH Diesel	TPH Gasoline	BTEX by 8021B	#VOC's by 8260	SVOC's by 8270	HP's	
MW10-S0-030510	1A-D	8/5/10	1:35	S	4				X			
MW10-100-030510	2A-D								X			
MW10-140-030510	3A-D		1:53						X			
MW10-180-030510	4A-D		5:09						X			
MW10-220-030510	5A-D		5:13						X			
<u>JR</u>												

Friedman & Brava, Inc
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by <u>[Signature]</u>	Jovan Ruedik	Farellon	8/5/10	1600
Received by <u>[Signature]</u>	Nhan Phan	FBI	8/5/10	1600
Relinquished by				
Received by		Samples received at <u>W</u> °C		

GeoEngineers Remark:
This laboratory data package 8062
includes soil analytical results from the
following exploration locations on or near
the Bellevue Corner Property:
SRO-1
SRO-2
SRO-3

Friedman & Bruya #008062

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

August 24, 2010

Jeff Kaspar, Project Manager
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr. Kaspar:

Included are the results from the testing of material submitted on August 5, 2010 from the Former Thinker Toys 262 001, F&BI 008062 project. There are 51 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
FLN0824R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 5, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 262 001, F&BI 008062 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008062-01	TTP17-0.8
008062-02	TTP17-5.8
008062-03	TTP17-10.0
008062-04	TTP17-15.0
008062-05	TTP17-15.5
008062-06	TTP17-19.0
008062-07	TTP17-21.0
008062-08	TTP17-26.0
008062-09	TTP17-29.5
008062-10	SR01-1.0
008062-11	SR01-11.0
008062-12	SR01-16.0
008062-13	SR01-20.0
008062-14	SR01-22.0
008062-15	SR01-26.0
008062-16	SR02-1.0
008062-17	SR02-5.5
008062-18	SR02-9.0
008062-19	SR02-14.0
008062-20	SR02-19.0
008062-21	SR02-23.5
008062-22	SR02-27.0
008062-23	SR03-1.0
008062-24	SR03-3.0
008062-25	SR03-7.0
008062-26	SR03-13.0
008062-27	SR03-18.0
008062-28	SR03-21.0
008062-29	SR03-22.5
008062-30	SR03-27.0
008062-31	SR03-30.0

Several compounds in the 8260C laboratory control sample and laboratory control sample duplicate exceeded the acceptance criteria. The analytes were not detected in the samples, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

Date Extracted: 08/11/10 and 08/16/10

Date Analyzed: 08/12/10, 08/13/10, 08/16/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
TTP17-0.8 008062-01 1/50	1,100	ip
TTP17-5.8 008062-02	17	107
TTP17-10.0 008062-03	<2	100
TTP17-15.0 008062-04	<2	99
TTP17-15.5 008062-05	65	124
TTP17-19.0 008062-06	<2	92
TTP17-21.0 008062-07	<2	89
TTP17-26.0 008062-08	<2	97
TTP17-29.5 008062-09	<2	93
SR01-1.0 008062-10	6	101
SR01-20.0 008062-13	<2	79

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

Date Extracted: 08/11/10 and 08/16/10

Date Analyzed: 08/12/10, 08/13/10, 08/16/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
SR01-22.0 008062-14	<2	91
SR02-1.0 008062-16	3	86
SR02-23.5 008062-21	<2	88
SR03-1.0 008062-23 1/10 r	610	ip
SR03-3.0 008062-24	<2	98
SR03-21.0 008062-28	<2	93
Method Blank 00-1226 MB	<2	102
Method Blank 00-1230 MB	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

Date Extracted: 08/10/10 and 08/13/10

Date Analyzed: 08/11/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
TTP17-0.8 008062-01	4,600	6,200	120
TTP17-5.8 008062-02	140	<250	92
TTP17-10.0 008062-03	120	<250	118
TTP17-15.0 008062-04	<50	<250	116
TTP17-15.5 008062-05	120	<250	117
TTP17-21.0 008062-07	<50	<250	116
TTP17-26.0 008062-08	<50	<250	118
SR01-20.0 008062-13	<50	<250	118
SR01-22.0 008062-14	<50	<250	117
SR02-1.0 008062-16	67 x	760	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

Date Extracted: 08/10/10 and 08/13/10

Date Analyzed: 08/11/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SR02-23.5 008062-21	<50	<250	114
SR03-1.0 008062-23	140	270	96
SR03-3.0 008062-24	<50	<250	104
SR03-21.0 008062-28	<50	<250	122
Method Blank 00-1216 MB2	<50	<250	90
Method Blank 00-1250 MB	<50	<250	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	TTP17-5.8	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
008062			
Date Extracted:	08/10/10	Lab ID:	008062-02
Date Analyzed:	08/12/10	Data File:	008062-02.016
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower	Upper
Holmium	89	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)
Lead	118

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	SR03-1.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/10/10	Lab ID:	008062-23
Date Analyzed:	08/12/10	Data File:	008062-23.017
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower	Upper
Holmium	89	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)
Lead	5.79

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	NA	Project:	Former Thinker Toys 262 001, F&BI
008062			
Date Extracted:	08/10/10	Lab ID:	I0-433 mb
Date Analyzed:	08/12/10	Data File:	I0-433 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower	Upper
Holmium	91	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: TTP17-0.8	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/19/10	Lab ID: 008062-01
Date Analyzed: 08/19/10	Data File: 081911.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	137	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	0.074
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	0.075
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	1.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TTP17-5.8	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/10/10	Lab ID:	008062-02
Date Analyzed:	08/14/10	Data File:	081280.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	125	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	2.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: TTP17-10.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-03
Date Analyzed: 08/14/10	Data File: 081281.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.73

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TTP17-15.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/10/10	Lab ID:	008062-04
Date Analyzed:	08/14/10	Data File:	081282.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	117	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.62

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TTP17-15.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
008062			
Date Extracted:	08/19/10	Lab ID:	008062-05
Date Analyzed:	08/19/10	Data File:	081912.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	127	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	1.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TTP17-19.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/10/10	Lab ID:	008062-06
Date Analyzed:	08/14/10	Data File:	081283.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	118	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TTP17-21.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/19/10	Lab ID:	008062-07
Date Analyzed:	08/19/10	Data File:	081925.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	125	42	152
Toluene-d8	127	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.034

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TTP17-26.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/19/10	Lab ID:	008062-08
Date Analyzed:	08/19/10	Data File:	081926.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	127	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TTP17-29.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/10/10	Lab ID:	008062-09
Date Analyzed:	08/10/10	Data File:	081013.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR01-1.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-10
Date Analyzed: 08/14/10	Data File: 081284.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR01-11.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10 008062	Project: Former Thinker Toys 262 001, F&BI
Date Extracted: 08/10/10	Lab ID: 008062-11
Date Analyzed: 08/14/10	Data File: 081285.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	118	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR01-16.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-12
Date Analyzed: 08/14/10	Data File: 081286.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR01-20.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-13
Date Analyzed: 08/14/10	Data File: 081287.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.28

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR01-22.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10 008062	Project: Former Thinker Toys 262 001, F&BI
Date Extracted: 08/10/10	Lab ID: 008062-14
Date Analyzed: 08/16/10	Data File: 081615.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.43

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR01-26.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-15
Date Analyzed: 08/16/10	Data File: 081605.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR02-1.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10 008062	Project: Former Thinker Toys 262 001, F&BI
Date Extracted: 08/10/10	Lab ID: 008062-16
Date Analyzed: 08/16/10	Data File: 081606.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR02-5.5	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-17
Date Analyzed: 08/16/10	Data File: 081607.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR02-9.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-18
Date Analyzed: 08/16/10	Data File: 081608.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR02-14.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-19
Date Analyzed: 08/16/10	Data File: 081609.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR02-19.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-20
Date Analyzed: 08/16/10	Data File: 081610.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	125	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR02-23.5	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10 008062	Project: Former Thinker Toys 262 001, F&BI
Date Extracted: 08/10/10	Lab ID: 008062-21
Date Analyzed: 08/16/10	Data File: 081611.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.12

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR02-27.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-22
Date Analyzed: 08/16/10	Data File: 081612.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.34

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR03-1.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/10/10	Lab ID:	008062-23
Date Analyzed:	08/16/10	Data File:	081613.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	138	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR03-3.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-24
Date Analyzed: 08/16/10	Data File: 081614.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR03-7.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-25
Date Analyzed: 08/12/10	Data File: 081208.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR03-13.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-26
Date Analyzed: 08/12/10	Data File: 081209.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	115	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR03-18.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-27
Date Analyzed: 08/12/10	Data File: 081210.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR03-21.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-28
Date Analyzed: 08/12/10	Data File: 081211.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	114	42	152
Toluene-d8	118	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.057

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR03-22.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/05/10	Project:	Former Thinker Toys 262 001, F&BI
	008062		
Date Extracted:	08/10/10	Lab ID:	008062-29
Date Analyzed:	08/12/10	Data File:	081212.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.060

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR03-27.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10	Project: Former Thinker Toys 262 001, F&BI
008062	
Date Extracted: 08/10/10	Lab ID: 008062-30
Date Analyzed: 08/12/10	Data File: 081213.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR03-30.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/05/10 008062	Project: Former Thinker Toys 262 001, F&BI
Date Extracted: 08/10/10	Lab ID: 008062-31
Date Analyzed: 08/12/10	Data File: 081214.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.16

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262 001, F&BI
008062			
Date Extracted:	08/10/10	Lab ID:	001232 mb
Date Analyzed:	08/13/10	Data File:	081252.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262 001, F&BI
008062			
Date Extracted:	08/11/10	Lab ID:	001233 mb
Date Analyzed:	08/13/10	Data File:	081240.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262 001, F&BI
008062			
Date Extracted:	08/18/10	Lab ID:	00-1283 mb
Date Analyzed:	08/19/10	Data File:	081840.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR
AND TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008070-02 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	66	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR
TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008062-28 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	69	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 008091-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	105	105	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 008142-42 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	95	98	64-133	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 008094-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/kg (ppm)	50	24.6	86 b	91 b	65-126	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	50	100	81-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008062-25 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	68	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	80	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	75	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	86	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	88	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	85	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	86	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	86	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	87	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	90	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	91	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	93	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery		Acceptance Criteria	RPD (Limit 20)
			LCS	LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	83	89	36-123	7
Chloroethane	mg/kg (ppm)	2.5	90	98	10-281	9
1,1-Dichloroethene	mg/kg (ppm)	2.5	95	103	48-135	8
Methylene chloride	mg/kg (ppm)	2.5	87	96	42-144	10
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	102	65-125	10
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	104	72-120	11
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	108	73-120	10
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	108	66-125	10
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	103	115	71-131	11
Benzene	mg/kg (ppm)	2.5	98	108	73-115	10
Trichloroethene	mg/kg (ppm)	2.5	98	109	75-120	11
Toluene	mg/kg (ppm)	2.5	99	110	75-117	11
Tetrachloroethene	mg/kg (ppm)	2.5	101	112	80-120	10
Ethylbenzene	mg/kg (ppm)	2.5	102	114	74-122	11
m,p-Xylene	mg/kg (ppm)	5	104	115 vo	78-114	10
o-Xylene	mg/kg (ppm)	2.5	106	118 vo	81-116	11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008062-12 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	60	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	68	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	81	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	81	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	85	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	81	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	90	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery		Acceptance Criteria	RPD (Limit 20)
			LCS	LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	77	75	36-123	3
Chloroethane	mg/kg (ppm)	2.5	110	95	10-281	15
1,1-Dichloroethene	mg/kg (ppm)	2.5	95	90	48-135	5
Methylene chloride	mg/kg (ppm)	2.5	85	84	42-144	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	88	65-125	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	89	72-120	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	92	73-120	6
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	95	66-125	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	94	95	71-131	1
Benzene	mg/kg (ppm)	2.5	91	93	73-115	2
Trichloroethene	mg/kg (ppm)	2.5	92	94	75-120	2
Toluene	mg/kg (ppm)	2.5	91	94	75-117	3
Tetrachloroethene	mg/kg (ppm)	2.5	92	95	80-120	3
Ethylbenzene	mg/kg (ppm)	2.5	96	98	74-122	2
m,p-Xylene	mg/kg (ppm)	5	97	100	78-114	3
o-Xylene	mg/kg (ppm)	2.5	98	101	81-116	3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/24/10

Date Received: 08/05/10

Project: Former Thinker Toys 262 001, F&BI 008062

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008146-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	99	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	68	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	65	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	68	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	71	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	68	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	68	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	67	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	67	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	71	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	71	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	71	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	99	104	36-123	5
Chloroethane	mg/kg (ppm)	2.5	115	121	10-281	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	119	120	48-135	1
Methylene chloride	mg/kg (ppm)	2.5	99	100	42-144	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	104	65-125	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	105	104	72-120	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	105	106	73-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	109	110	66-125	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	114	115	71-131	1
Benzene	mg/kg (ppm)	2.5	109	109	73-115	0
Trichloroethene	mg/kg (ppm)	2.5	110	110	75-120	0
Toluene	mg/kg (ppm)	2.5	107	107	75-117	0
Tetrachloroethene	mg/kg (ppm)	2.5	110	110	80-120	0
Ethylbenzene	mg/kg (ppm)	2.5	112	112	74-122	0
m,p-Xylene	mg/kg (ppm)	5	114	114	78-114	0
o-Xylene	mg/kg (ppm)	2.5	114	115	81-116	1

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j – The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

008062

Send Report To Jeff Kaspar

Company Farallon Consulting LLC

Address 975 5th NW

City, State, ZIP Issaquah, WA 98022

Phone # 425 295 0800 Fax # 0850

SAMPLERS (signature) Jon Peterson

PROJECT NAME/NO. Former Thinker Toys PO # 262 001

REMARKS Hold - VOC/BTEX/IGX+DX
Run as marked

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED							Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	HVOCs by 8260	SVOCs by 8270	HFS	Total Lead		
TTP17-0.8	01A-D	8-5-10	0815	soil	4	(*)	(*)	(*)						X-per JK +BTEX
TTP17-5.8	02A-D		0830		4	X	X	X				X		8/9/10
TTP17-10.0	03A-D		0845		4	(*)	X	X						MS
TTP17-15.0	04A-D		0900		4	(*)	X	X						(*) per JK
TTP17-15.5	05A-D		0915		4	(*)	(*)	(*)						8/11/10 ↓
TTP17-19.0	06A-D		0930		4		X	X						MS
TTP17-21.0	07A-D		0945		4	(*)	(*)	(*)						+BTEX ↓
TTP17-26.0	08A-D		1000		4	(*)	(*)	(*)						
TTP17-29.5	09A-D		1015		4		X	X						
SR01-1.0	10A-E	↓	1100	↓	5		X	X						

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jon Peterson	Farallon	8-5-10	1630
Received by: <u>[Signature]</u>	Nhan Phan	Fe BI	8/5/10	✓
Relinquished by:				
Received by:		Samples received at <u>20</u> °C		

008062

SAMPLE CHAIN OF CUSTODY

Send Report To Jeff
 Company Farallon
 Address _____
 City, State, ZIP _____
 Phone # 25 295 0800 Fax # _____

SAMPLERS (signature) Jan ME 08/05/10
 PROJECT NAME/NO. Farmer Thinker Toys PO # _____
262 001
 REMARKS Hold

Page # 2
 TURNAROUND TIME
 Standard (2 Weeks) VS3
 RUSH 1/CO
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	#VOCs by 8260	SVOCs by 8270	HFS						
SR01-11.0	11A-E	8-5-10	1115	Soil	5				X								
SR01-16.0	12A-E		1130		5				X								
SR01-20.0	13A-E		1145		5	*	*		X								#BTEX
SR01-22.0	14A-E		1200		5	*	*		X								↓
SR01-26.0	15A-E		1215		5				X								
SR02-1.0	16A-E		1315		5	X	X		X								+BTEX
SR02-5.5	17A-E		1330		5				X								
SR02-9.0	18A-E		1345		5				X								
SR02-14.0	19A-E		1400		5				X								
SR02-19.0	20A-E	↓	1415	↓	5				X								

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jan Peterson	Farallon	8-5-10	1630
Received by: <u>[Signature]</u>	Nhan Phan	FeBT	8/5/10	✓
Relinquished by:				
Received by:		Samples received at <u>2</u> °C		

008062

SAMPLE CHAIN OF CUSTODY ME 08/05/10

C05/V33
3 of 4

Send Report To Jeff K.
Company Farallon
Address _____
City, State, ZIP _____
Phone # 425 295 0800 Fax # 0850

SAMPLERS (signature) [Signature]
PROJECT NAME/NO. Former Thinker Toys 262 001 PO # _____
REMARKS Hold

Page # _____ of _____
TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	HVOCs by 8260	SVOCs by 8270	HFS	Total Lead					
SR02-23.5	21A-E	8-5-10	1430	Soil	5	(*)	(*)		X								+BTEX
SR02-27.0	22A-E		1445		5				X								
SR03-1.0	23A-E		1500		5	X	X		X			X					+BTEX
SR03-3.0	24A-E		1505		5	X	X		X								↓
SR03-7.0	25A-E		1510		5				X								
SR03-13.0	26A-E		1520		5				X								
SR03-18.0	27A-E		1530		5				X								
SR03-21.0	28A-E		1540		5	(*)	(*)		X								+BTEX
SR03-22.5	29A-E		1550		5				X								
SR03-27.0	30A-E		1600		5				X								

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jon Peterson			1630
Received by: <u>[Signature]</u>	Nhan Phan	Fe BI	8/5/10	✓
Relinquished by:				
Received by:		Samples received at _____ °C		

008062

SAMPLE CHAIN OF CUSTODY

ME 08/05/10

COS/VS3

Send Report To Jeff Kasper
 Company Farallon
 Address _____
 City, State, ZIP _____
 Phone # 425 295 0800 Fax # _____

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. Farmer Thinker Toys
262 001 PO # _____
 REMARKS Hold

Page # 4 of 4
TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	14VOCs by 8260	SVOCs by 8270	HFS							
SR03-30.0	31A-E	8-5-10	1610	8-5-10	5				X									

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jon Peterson	Farallon	8-5-10	1630
Received by: <u>[Signature]</u>	Nhan Phan	FEBI	8/5/10	✓
Relinquished by:				
Received by:				
Samples received at <u>2</u> °C				

GeoEngineers Remark:

This laboratory data package 8085 includes soil analytical results from the following exploration locations on or near the Bellevue Corner Property:

MW-20

SRO-4

SRO-5

SRO-6

SRO-7

SRO-8

Friedman & Bruya #008085

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
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August 20, 2010

Jeff Kaspar, Project Manager
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr. Kaspar:

Included are the results from the testing of material submitted on August 6, 2010 from the Former Thinker Toys 262 001, F&BI 008085 project. There are 69 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
FLN0820R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 6, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 262 001, F&BI 008085 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008085-01	MW13-5.0-080610
008085-02	MW13-10.0-080610
008085-03	MW13-14.0-080610
008085-04	MW13-19.0-080610
008085-05	MW13-24.0-080610
008085-06	MW13-29-080610
008085-07	MW20-4.5-080610
008085-08	MW20-10.0-080610
008085-09	MW20-14.5-080610
008085-10	MW20-19.5-080610
008085-11	MW20-25.0-080610
008085-12	MW20-29.5-080610
008085-13	MW8-5.0-080610
008085-14	MW8-9.5-080610
008085-15	MW8-14.0-080610
008085-16	MW8-19.0-080610
008085-17	SR04-1.0
008085-18	SR04-6.0
008085-19	SR04-12.0
008085-20	SR04-17.0
008085-21	SR04-22.0
008085-22	SR04-27.0
008085-23	SR04-30.0
008085-24	SR05-3.0
008085-25	SR05-6.0
008085-26	SR05-11.0
008085-27	SR05-16.0
008085-28	SR05-21.0
008085-29	SR05-30.0
008085-30	SR06-5.2
008085-31	SR06-12.0
008085-32	SR06-15.0
008085-33	SR06-17.0
008085-34	SR06-20.5
008085-35	SR06-25.0
008085-36	SR06-30.0
008085-37	SR07-4.0
008085-38	SR07-7.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE (continued)

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008085-39	SR07-9.0
008085-40	SR07-10.5
008085-41	SR07-12.5
008085-42	SR07-19.0
008085-43	SR07-22.5
008085-44	SR07-26.0
008085-45	SR07-30.0
008085-46	SR08-4.0
008085-47	SR08-8.0
008085-48	SR08-13.5
008085-49	SR08-14.5
008085-50	SR08-18.0
008085-51	SR08-22.0
008085-52	SR08-23.5
008085-53	SR08-26.0
008085-54	SR08-29.0

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

Date Extracted: 08/11/10

Date Analyzed: 08/12/10, 08/16/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
MW20-25.0-080610 008085-11	<2	91
SR04-22.0 008085-21	<2	90
SR05-11.0 008085-26	7	60
SR06-5.2 008085-30	<2	61
SR06-12.0 008085-31	<2	52
SR06-15.0 008085-32	<2	56
SR06-17.0 008085-33	<2	56
SR06-20.5 008085-34	<2	85
SR07-9.0 008085-39 1/10	1,100	ip
SR07-12.5 008085-41	<2	64

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

Date Extracted: 08/11/10

Date Analyzed: 08/12/10, 08/16/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SR07-22.5 008085-43	<2	98
SR08-13.5 008085-48	4	61
SR08-14.5 008085-49	<2	64
SR08-18.0 008085-50	<2	50
SR08-22.0 008085-51	3	69
Method Blank 00-1227 MB	<2	59
Method Blank 00-1230 MB	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

Date Extracted: 08/10/10 and 08/13/10

Date Analyzed: 08/11/10 and 08/16/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SR04-22.0 008085-21	<50	<250	115
SR05-11.0 008085-26	<50	<250	89
SR06-5.2 008085-30	<50	<250	88
SR06-12.0 008085-31	<50	<250	92
SR06-15.0 008085-32	<50	610	96
SR06-17.0 008085-33	70 x	870	106
SR06-20.5 008085-34	<50	<250	109
SR07-9.0 008085-39	<50	<250	119
SR07-12.5 008085-41	<50	<250	121
SR08-14.5 008085-49	<50	<250	109
SR08-22.0 008085-51	<50	<250	120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

Date Extracted: 08/10/10 and 08/13/10

Date Analyzed: 08/11/10 and 08/16/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Method Blank 00-1219 MB	<50	<250	86
Method Blank 00-1250 MB	<50	<250	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW13-5.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-01
Date Analyzed:	08/11/10	Data File:	081031.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	114	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	126	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW13-10.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-02
Date Analyzed:	08/11/10	Data File:	081032.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.038

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW13-14.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-03
Date Analyzed:	08/11/10	Data File:	081033.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	127	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.042

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW13-19.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-04
Date Analyzed:	08/11/10	Data File:	081034.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	112	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	124	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.035

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW13-24.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-05
Date Analyzed:	08/11/10	Data File:	081035.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	126	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW13-29-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-06
Date Analyzed:	08/11/10	Data File:	081036.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	113	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	124	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW20-4.5-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-07
Date Analyzed:	08/11/10	Data File:	081037.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	116	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	126	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW20-10.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-08
Date Analyzed:	08/11/10	Data File:	081038.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	114	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	126	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW20-14.5-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-09
Date Analyzed:	08/11/10	Data File:	081103.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW20-19.5-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-10
Date Analyzed:	08/11/10	Data File:	081104.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW20-25.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-11
Date Analyzed:	08/12/10	Data File:	081129.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.026

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW20-29.5-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-12
Date Analyzed:	08/12/10	Data File:	081130.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW8-5.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-13
Date Analyzed:	08/12/10	Data File:	081131.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW8-9.5-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-14
Date Analyzed:	08/12/10	Data File:	081132.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW8-14.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-15
Date Analyzed:	08/12/10	Data File:	081133.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW8-19.0-080610	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-16
Date Analyzed:	08/12/10	Data File:	081134.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR04-6.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/06/10	Project: Former Thinker Toys 262 001
Date Extracted: 08/09/10	Lab ID: 008085-18
Date Analyzed: 08/12/10	Data File: 081135.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR04-12.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-19
Date Analyzed:	08/12/10	Data File:	081136.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	123	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR04-17.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-20
Date Analyzed:	08/11/10	Data File:	081039.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	125	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR04-22.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-21
Date Analyzed:	08/12/10	Data File:	081137.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	116	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR04-27.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-22
Date Analyzed:	08/12/10	Data File:	081138.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	116	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR04-30.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-23
Date Analyzed:	08/12/10	Data File:	081139.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.038

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR05-3.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-24
Date Analyzed:	08/12/10	Data File:	081140.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	124	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR05-6.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-25
Date Analyzed:	08/12/10	Data File:	081141.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	114	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR05-11.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-26
Date Analyzed:	08/12/10	Data File:	081142.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR05-16.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-27
Date Analyzed:	08/12/10	Data File:	081143.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR05-21.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-28
Date Analyzed:	08/12/10	Data File:	081144.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR05-30.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-29
Date Analyzed:	08/12/10	Data File:	081145.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	124	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR06-5.2	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-30
Date Analyzed:	08/12/10	Data File:	081146.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	116	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR06-12.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-31
Date Analyzed:	08/12/10	Data File:	081147.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR06-15.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-32
Date Analyzed:	08/12/10	Data File:	081148.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR06-17.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-33
Date Analyzed:	08/12/10	Data File:	081149.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	116	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR06-20.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-34
Date Analyzed:	08/12/10	Data File:	081150.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR06-25.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-35
Date Analyzed:	08/12/10	Data File:	081204.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR06-30.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-36
Date Analyzed:	08/12/10	Data File:	081205.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR07-9.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-39
Date Analyzed:	08/14/10	Data File:	081259.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	116	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	206 vo	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR07-12.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-41
Date Analyzed:	08/14/10	Data File:	081260.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR07-19.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-42
Date Analyzed:	08/14/10	Data File:	081261.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	123	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR07-22.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-43
Date Analyzed:	08/14/10	Data File:	081262.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR07-26.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-44
Date Analyzed:	08/14/10	Data File:	081263.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.046

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR07-30.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-45
Date Analyzed:	08/14/10	Data File:	081264.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.080

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR08-4.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-46
Date Analyzed:	08/14/10	Data File:	081265.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	123	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR08-8.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-47
Date Analyzed:	08/14/10	Data File:	081266.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR08-13.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-48
Date Analyzed:	08/14/10	Data File:	081279.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	115	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR08-14.5	Client: Farallon Consulting, L.L.C.
Date Received: 08/06/10	Project: Former Thinker Toys 262 001
Date Extracted: 08/09/10	Lab ID: 008085-49
Date Analyzed: 08/14/10	Data File: 081273.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR08-18.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-50
Date Analyzed:	08/14/10	Data File:	081274.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR08-22.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-51
Date Analyzed:	08/14/10	Data File:	081275.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	0.10
m,p-Xylene	0.21
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR08-23.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-52
Date Analyzed:	08/14/10	Data File:	081276.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.15

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR08-26.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-53
Date Analyzed:	08/14/10	Data File:	081277.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.16

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR08-29.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/06/10	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	008085-54
Date Analyzed:	08/14/10	Data File:	081278.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.19

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	001212 mb
Date Analyzed:	08/11/10	Data File:	081030.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	124	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	001213 mb
Date Analyzed:	08/13/10	Data File:	081241.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262 001
Date Extracted:	08/09/10	Lab ID:	001221 mb
Date Analyzed:	08/13/10	Data File:	081242.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR
TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008085-41 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	80	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR
TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008062-28 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	69	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 008085-26 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	95	96	73-135	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	99	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 008142-42 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	95	98	64-133	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008085-20 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	89	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	68	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	72	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	72	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	71	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	73	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	75	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	75	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	81	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	82	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	80	56-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	68	80	36-123	16
Chloroethane	mg/kg (ppm)	2.5	101	105	10-281	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	87	102	48-135	16
Methylene chloride	mg/kg (ppm)	2.5	72	85	42-144	17
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	77	91	65-125	17
1,1-Dichloroethane	mg/kg (ppm)	2.5	78	93	72-120	18
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	79	94	73-120	17
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	79	92	66-125	15
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	83	101	71-131	20
Benzene	mg/kg (ppm)	2.5	81	96	73-115	17
Trichloroethene	mg/kg (ppm)	2.5	80	96	75-120	18
Toluene	mg/kg (ppm)	2.5	83	99	75-117	18
Tetrachloroethene	mg/kg (ppm)	2.5	85	101	80-120	17
Ethylbenzene	mg/kg (ppm)	2.5	87	103	74-122	17
m,p-Xylene	mg/kg (ppm)	5	89	104	78-114	16
o-Xylene	mg/kg (ppm)	2.5	89	105	81-116	16

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008085-44 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	71	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	84	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	83	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	81	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	83	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	83	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	0.046	85	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	86	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	87	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	88	56-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	85	99	36-123	15
Chloroethane	mg/kg (ppm)	2.5	102	108	10-281	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	101	104	48-135	3
Methylene chloride	mg/kg (ppm)	2.5	94	96	42-144	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	103	65-125	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	105	72-120	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	106	73-120	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	106	66-125	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	108	112	71-131	4
Benzene	mg/kg (ppm)	2.5	101	106	73-115	5
Trichloroethene	mg/kg (ppm)	2.5	103	106	75-120	3
Toluene	mg/kg (ppm)	2.5	104	107	75-117	3
Tetrachloroethene	mg/kg (ppm)	2.5	107	110	80-120	3
Ethylbenzene	mg/kg (ppm)	2.5	107	110	74-122	3
m,p-Xylene	mg/kg (ppm)	5	109	112	78-114	3
o-Xylene	mg/kg (ppm)	2.5	110	113	81-116	3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/20/10

Date Received: 08/06/10

Project: Former Thinker Toys 262 001, F&BI 008085

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	92	100	36-123	8
Chloroethane	mg/kg (ppm)	2.5	101	107	10-281	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	107	108	48-135	1
Methylene chloride	mg/kg (ppm)	2.5	89	94	42-144	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	101	65-125	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	101	72-120	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	103	73-120	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	101	105	66-125	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	104	110	71-131	6
Benzene	mg/kg (ppm)	2.5	101	104	73-115	3
Trichloroethene	mg/kg (ppm)	2.5	101	105	75-120	4
Toluene	mg/kg (ppm)	2.5	104	107	75-117	3
Tetrachloroethene	mg/kg (ppm)	2.5	105	110	80-120	5
Ethylbenzene	mg/kg (ppm)	2.5	107	110	74-122	3
m,p-Xylene	mg/kg (ppm)	5	108	111	78-114	3
o-Xylene	mg/kg (ppm)	2.5	109	113	81-116	4

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j – The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

008085

SAMPLE CHAIN OF CUSTODY

ME 08/06/10

VS4/005
2

Send Report To Jeff Kasper
 Company Farrley Consulting
 Address 975 S. 4th Ave NW
 City, State, ZIP Issaquah, WA 98029
 Phone # 425-295-0300 Fax # 425-295-0890

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. Former Theater Toys PO # 262-00
262-001
 REMARKS Will call w/ analysis
Thank you

Page # 1 of 2
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	AVOCs by 8260	SVOCs by 8270	HFS						
✓ MW13-5.0-080610	01A	8/6/10	0821	S	4												X-pot JK 8/9/10
✓ MW13-10.0-080610	02A		0828														MC
✓ MW13-14.0-080610	03A		0835														X-pot JK 8/11/10
✓ MW13-19.0-080610	04A		0842														MC
✓ MW13-24.0-080610	05A		0850														
✓ MW13-29.0-080610	06A		0851														
✓ MW20-4.5-080610	07A		1100		5												
✓ MW20-10.0-080610	08A		1106														
✓ MW20-14.5-080610	09A		1115														
✓ MW20-19.5-080610	10A		1121														

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Javan Rucalk	Farrley	8/6/10	1630
Received by: <u>[Signature]</u>	Eric Young	FAB	8/6/10	1620
Relinquished by:				
Received by:				
Samples received at <u>6</u> °C				

008085

SAMPLE CHAIN OF CUSTODY

ME 08/06/10 VS#/WS

Page # 2 of 2

Send Report To Jeff Kaspan
 Company Farrigan Consulting
 Address 975 5th Ave NW
 City, State, ZIP Issaquah WA 98027
 Phone # 425-295-0800 Fax # 425-295-0750

SAMPLERS (signature) Jeff
 PROJECT NAME/NO. Former Thinker Toys PO # 26200
262-001
 REMARKS will call w/ analysts
Thank you,

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	IVOCs by 8260	SVOCs by 8270	HFS						
✓ MW20-250-080610	11A	8/6/10	1126	S	5	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
✓ MW20-295-080610	12AE		1130	S	5				<input checked="" type="checkbox"/>								
✓ MW8-50-080610	13D		1415	S	4				<input checked="" type="checkbox"/>								
✓ MW8-700-080610	14B		1419	S	4				<input checked="" type="checkbox"/>								
✓ MW8-140-080610	15B		1437	S	4				<input checked="" type="checkbox"/>								
✓ MW8-170-080610	16B		1440	S	4				<input checked="" type="checkbox"/>								
	9																

JR

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>Jeff</u>	Juan Puerk	Farrigan	8/6/10	1630
Received by: <u>Eric</u>	Eric Yonker	F&B	8/6/10	1630
Relinquished by:				
Received by:		Samples received at	4	°C

008085

SAMPLE CHAIN OF CUSTODY

ME 08/06/10

VS4/W5
4

Send Report To Jeff Kasper
Company Farallon Consulting LLC
Address 975 5th NW Suite 100
City, State, ZIP Issaquah, WA 98027
Phone 206 295 0800 Fax # 206 295 0850

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. <u>Farmer Thinker Toys</u> <u>262 001</u>	PO #
REMARKS <u>Hold</u>	

Page # 1 of 4

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes				
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	AVOCs by 8260	SVOCs by 8270	HFS									
SR04-1.0	17 AE	8-6-10	815	soil	5															
SR04-6.0	18 AE		830		5						X									
SR04-12.0	19 AE		845		5						X									
SR04-17.0	20 AE		900		5						X									
SR04-22.0	21 AE		915		5	X	X				X									
SR04-27.0	22 AE		930		5						X									
SR04-30.0	23 AE		945		5						X									
SR05-3.0	24 AE		950		5						X									
SR05-6.0	25 AE		1000		5						X									
SR05-11.0	26 AE		1010		5	X	X				X									

Friedman & Bruva, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jon Peterson	Farallon	8-6-10	1630
Received by: <u>[Signature]</u>	Cec Young	F&B	8/6/10	1630
Relinquished by:				
Received by:	Samples received at <u>6:00</u>			

008085

SAMPLE CHAIN OF CUSTODY ME 08/06/10

VS4/COS
2 of 4

Send Report To Jeff Kasper
Company Farallon
Address _____
City, State, ZIP _____
Phone # 425 295 0800 Fax # _____

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. Thinker Toys PO # _____
262 001

REMARKS Hold

Page # 2 of 4

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	#VOCs by 8260	SVOCs by 8270	HFS							
SR05-16.0	27 AE	8-6-10	1020	soil	5					X								
SR05-21.0	28 AE		1030		5					X								
SR05-30.0	29 AE		1040		5					X								
SR06-5.2	30 AE		1100		5	X	X			X								
SR06-12.0	31 AE		1110		5	X	X			X								
SR06-15.0	32 AE		1120		5	X	X			X								
SR06-17.0	33 AE		1130		5	X	X			X								
SR06-20.5	34 AE		1140		5	X	X			X								
SR06-25.0	35 AE		1150		5					X								
SR06-30.0	36 AE		1200		5					X								

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jon P	Farallon	8-6-10	1630
Received by: <u>[Signature]</u>	ERIC Young	F&B	8/6/10	1630
Relinquished by: _____				
Received by: _____		Sample received at	6 °C	

008085

SAMPLE CHAIN OF CUSTODY

ME 08/06/10

VS4/COS

Page # 3 of 4

Send Report To Jeff Kaspar
 Company Farallon
 Address _____
 City, State, ZIP _____
 Phone 425 295 0800 Fax # _____

SAMPLERS (signature) Jan
 PROJECT NAME/NO. Thicker Toys
262001
 PO # _____
 REMARKS Hold

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH _____
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS							
SR07-4.0	37 AE	8-6-10	1220	Soil	5													
SR07-7.5	38 AE		1230		5													
SR07-9.0	39 AE		1240		5	(*)	X		X									
SR07-10.5	40 AE		1250		5													
SR07-12.5	41 AE		1250		5	(*)	X		X									
SR07-19.0	42 AE		1300		5													
SR07-22.5	43 AE		1310		5	(*)			X									
SR07-26.0	44 AE		1320		5				X									
SR07-30.0	45 AE		1330		5				X									
SR08-4.0	46 AE		1350		5				X									

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jan Petersen	Farallon	8-6-10	1630
Received by: <u>[Signature]</u>	Eric Younger	F&B	8/6/10	1630
Relinquished by:				
Received by:		Samples received at <u>6</u> °C		

008085

SAMPLE CHAIN OF CUSTODY ME 08/06/10

VS4/C05

4 of 4

Send Report To Jeff Kaspar
 Company Fallon
 Address _____
 City, State, ZIP _____
 Phone # 425 295 0800 Fax # _____

SAMPLERS (signature) Jon
 PROJECT NAME/NO. Former Thinker Toys PO # _____
262 001
 REMARKS Hold

Page # 4 of 4
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes		
						TPH-Diesel	TPH-Gasoline	RTEX by 8021B	#VOCs by 8260	SVOCs by 8270	IFS							
SR08-8.0	47 AE	8-6-10	1400	Soil	5					X								
SR08-13.5	48 AE		1410		5		X		X									
SR08-14.5	49 AE		1420		5	X	X											
SR08-18.0	50 AE		1430		5	X	X											
SR08-22.0	51 AE		1440		5	X	X											
SR08-23.5	52 AE		1450		5		X											
SR08-26.0	53 AE		1500		5		X											
SR08-29.0	54 AE		1510		5		X											

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Jon Peterson</u>	<u>Fallon</u>	<u>8/6/10</u>	<u>1630</u>
Received by: <u>[Signature]</u>	<u>Eric Young</u>	<u>IFS</u>	<u>8/6/10</u>	<u>1630</u>
Relinquished by:				
Received by:		Samples received at	<u>6</u>	<u>C</u>

GeoEngineers Remark:
This laboratory data package 8101 includes
soil analytical results from the following
exploration locations on or near the
Bellevue Corner Property:
MW-17
MW-18
SRO-9
SRO-10
SRO-11
SRO-12
SRO-13

Friedman & Bruya #008101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

August 26, 2010

Jeff Kaspar, Project Manager
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr. Kaspar:

Included are the results from the testing of material submitted on August 9, 2010 from the Former Thinker Toys 262-001, F&BI 008101 project. There are 62 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
FLN0826R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 9, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 262-001, F&BI 008101 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008101-01	MW18-10.0-080910
008101-02	MW18-14.0-080910
008101-03	MW18-19.0-080910
008101-04	MW18-24.0-080910
008101-05	MW17-10.5-080910
008101-06	MW17-14.0-080910
008101-07	MW17-19.0-080910
008101-08	MW17-24.0-080910
008101-09	MW17-29.0-080910
008101-10	MW17-34.5-080910
008101-11	MW17-39.0-080910
008101-12	SR09-3.0
008101-13	SR09-8.0
008101-14	SR09-13.0
008101-15	SR09-17.5
008101-16	SR09-21.5
008101-17	SR09-26.0
008101-18	SR09-29.5
008101-19	SR010-1.0
008101-20	SR010-7.0
008101-21	SR010-10.0
008101-22	SR010-16.0
008101-23	SR010-21.0
008101-24	SR010-23.5
008101-25	SR010-29.0
008101-26	SR011-1.0
008101-27	SR011-5.0
008101-28	SR011-10.0
008101-29	SR011-15.0
008101-30	SR011-20.0
008101-31	SR011-25.0
008101-32	SR011-28.0
008101-33	SR012-5.0
008101-34	SR012-8.0
008101-35	SR012-13.0
008101-36	SR012-17.0
008101-37	SR012-21.0
008101-38	SR012-23.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 9, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 262-001, F&BI 008101 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008101-39	SR012-29.5
008101-40	SR013-0.5
008101-41	SR013-5.5
008101-42	SR013-11.0
008101-43	SR013-15.5
008101-44	SR013-20.5
008101-45	SR013-24.5
008101-46	SR013-29.5

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

Date Extracted: 08/12/10 and 08/17/10

Date Analyzed: 08/13/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
SR09-3.0 008101-12	<2	74
SR09-8.0 008101-13	<2	71
SR09-17.5 008101-15	<2	98
SR09-21.5 008101-16	<2	94
SR09-26.0 008101-17	<2	99
SR09-29.5 008101-18	<2	69
SR010-10.0 008101-21	<2	73
SR010-21.0 008101-23	<2	65
SR010-29.0 008101-25	<2	70
SR011-10.0 008101-28	<2	73

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

Date Extracted: 08/12/10 and 08/17/10

Date Analyzed: 08/13/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
SR011-20.0 008101-30	<2	74
SR011-28.0 008101-32	<2	70
SR012-8.0 008101-34	<2	73
SR012-21.0 008101-37	<2	67
SR012-29.5 008101-39	<2	67
SR013-0.5 008101-40	<2	94
SR013-5.5 008101-41	<2	104
SR013-11.0 008101-42	<2	105
SR013-15.5 008101-43	<2	94
SR013-20.5 008101-44	<2	89

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

Date Extracted: 08/12/10 and 08/17/10

Date Analyzed: 08/13/10 and 08/17/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Method Blank 00-1228 MB	<2	93
Method Blank 00-1231 MB	<2	73

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

Date Extracted: 08/13/10

Date Analyzed: 08/13/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
SR013-0.5 008101-40	280 x	3,100	116
SR013-5.5 008101-41	<50	<250	114
SR013-11.0 008101-42	<50	<250	112
SR013-15.5 008101-43	<50	400	114
SR013-20.5 008101-44	<50	<250	112
Method Blank 00-1246 MB	<50	<250	112

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW18-10.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-01
Date Analyzed:	08/17/10	Data File:	081715.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW18-14.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-02
Date Analyzed:	08/17/10	Data File:	081716.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW18-19.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-03
Date Analyzed:	08/17/10	Data File:	081717.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW18-24.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-04
Date Analyzed:	08/17/10	Data File:	081718.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	127	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-10.5-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-05
Date Analyzed:	08/17/10	Data File:	081719.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-14.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-06
Date Analyzed:	08/17/10	Data File:	081720.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-19.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-07
Date Analyzed:	08/17/10	Data File:	081723.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-24.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-08
Date Analyzed:	08/17/10	Data File:	081724.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-29.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-09
Date Analyzed:	08/17/10	Data File:	081725.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-34.5-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-10
Date Analyzed:	08/18/10	Data File:	081808.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	116	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.031

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-39.0-080910	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-11
Date Analyzed:	08/18/10	Data File:	081727.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR09-3.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-12
Date Analyzed:	08/18/10	Data File:	081728.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	120	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR09-8.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-13
Date Analyzed:	08/18/10	Data File:	081729.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR09-13.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-14
Date Analyzed:	08/18/10	Data File:	081809.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR09-17.5	Client: Farallon Consulting, L.L.C.
Date Received: 08/09/10	Project: Former Thinker Toys 262-001, F&BI 008101
Date Extracted: 08/17/10	Lab ID: 008101-15
Date Analyzed: 08/18/10	Data File: 081810.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR09-21.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-16
Date Analyzed:	08/18/10	Data File:	081811.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR09-26.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-17
Date Analyzed:	08/18/10	Data File:	081812.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.037

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR09-29.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-18
Date Analyzed:	08/18/10	Data File:	081813.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	129	42	152
Toluene-d8	130	36	149
4-Bromofluorobenzene	125	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.057

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR010-1.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-19
Date Analyzed:	08/18/10	Data File:	081814.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	115	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR010-7.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-20
Date Analyzed:	08/18/10	Data File:	081815.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR010-10.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-21
Date Analyzed:	08/18/10	Data File:	081816.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR010-16.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-22
Date Analyzed:	08/18/10	Data File:	081817.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR010-21.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-23
Date Analyzed:	08/18/10	Data File:	081818.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR010-23.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-24
Date Analyzed:	08/18/10	Data File:	081819.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR010-29.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-25
Date Analyzed:	08/18/10	Data File:	081820.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR011-1.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/18/10	Lab ID:	008101-26
Date Analyzed:	08/18/10	Data File:	081823.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	116	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	115	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR011-5.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/09/10	Project: Former Thinker Toys 262-001, F&BI 008101
Date Extracted: 08/18/10	Lab ID: 008101-27
Date Analyzed: 08/18/10	Data File: 081824.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR011-10.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/09/10	Project: Former Thinker Toys 262-001, F&BI 008101
Date Extracted: 08/18/10	Lab ID: 008101-28
Date Analyzed: 08/18/10	Data File: 081825.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR011-15.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/18/10	Lab ID:	008101-29
Date Analyzed:	08/18/10	Data File:	081826.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR011-20.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/18/10	Lab ID:	008101-30
Date Analyzed:	08/18/10	Data File:	081827.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	125	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR011-25.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/18/10	Lab ID:	008101-31
Date Analyzed:	08/18/10	Data File:	081828.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR011-28.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/18/10	Lab ID:	008101-32
Date Analyzed:	08/18/10	Data File:	081829.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR012-5.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/18/10	Lab ID:	008101-33
Date Analyzed:	08/19/10	Data File:	081830.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR012-8.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-34
Date Analyzed:	08/23/10	Data File:	082317.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR012-13.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/09/10	Project: Former Thinker Toys 262-001, F&BI 008101
Date Extracted: 08/18/10	Lab ID: 008101-35
Date Analyzed: 08/19/10	Data File: 081832.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR012-17.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/18/10	Lab ID:	008101-36
Date Analyzed:	08/19/10	Data File:	081833.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR012-21.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/18/10	Lab ID:	008101-37
Date Analyzed:	08/19/10	Data File:	081834.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR012-23.5	Client: Farallon Consulting, L.L.C.
Date Received: 08/09/10	Project: Former Thinker Toys 262-001, F&BI 008101
Date Extracted: 08/17/10	Lab ID: 008101-38
Date Analyzed: 08/20/10	Data File: 082009.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	119	36	149
4-Bromofluorobenzene	114	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR012-29.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-39
Date Analyzed:	08/20/10	Data File:	082010.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR013-0.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-40
Date Analyzed:	08/20/10	Data File:	082011.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR013-5.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-41
Date Analyzed:	08/20/10	Data File:	082012.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	127	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR013-11.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-42
Date Analyzed:	08/20/10	Data File:	082013.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	129	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR013-15.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-43
Date Analyzed:	08/20/10	Data File:	082014.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	131	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR013-20.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-44
Date Analyzed:	08/20/10	Data File:	082015.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR013-24.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-45
Date Analyzed:	08/20/10	Data File:	082016.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	125	42	152
Toluene-d8	130	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR013-29.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/09/10	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	008101-46
Date Analyzed:	08/20/10	Data File:	082017.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	129	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	00-1277 mb
Date Analyzed:	08/18/10	Data File:	081807.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/17/10	Lab ID:	00-1266 mb
Date Analyzed:	08/17/10	Data File:	081711.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262-001, F&BI 008101
Date Extracted:	08/19/10	Lab ID:	00-1288 mb
Date Analyzed:	08/20/10	Data File:	081938.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR
AND TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008101-44 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR
TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008124-04 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	75	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 008101-42 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	101	103	64-133	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008101-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	56	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	90	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	75	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	74	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	78	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	80	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	81	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	85	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	87	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	88	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	91	85	36-123	7
Chloroethane	mg/kg (ppm)	2.5	118	112	10-281	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	101	96	48-135	5
Methylene chloride	mg/kg (ppm)	2.5	91	88	42-144	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	94	65-125	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	98	94	72-120	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	97	73-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	101	66-125	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	106	103	71-131	3
Benzene	mg/kg (ppm)	2.5	100	98	73-115	2
Trichloroethene	mg/kg (ppm)	2.5	103	99	75-120	4
Toluene	mg/kg (ppm)	2.5	101	98	75-117	3
Tetrachloroethene	mg/kg (ppm)	2.5	104	101	80-120	3
Ethylbenzene	mg/kg (ppm)	2.5	106	104	74-122	2
m,p-Xylene	mg/kg (ppm)	5	109	107	78-114	2
o-Xylene	mg/kg (ppm)	2.5	109	108	81-116	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008101-20 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	50	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	88	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	66	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	68	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	70	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	76	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	74	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	76	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	76	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	76	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	80	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	82	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	54	60	36-123	11
Chloroethane	mg/kg (ppm)	2.5	91	101	10-281	10
1,1-Dichloroethene	mg/kg (ppm)	2.5	82	88	48-135	7
Methylene chloride	mg/kg (ppm)	2.5	77	87	42-144	12
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	80	93	65-125	15
1,1-Dichloroethane	mg/kg (ppm)	2.5	82	97	72-120	17
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	84	99	73-120	16
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	90	102	66-125	12
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	90	106	71-131	16
Benzene	mg/kg (ppm)	2.5	85	100	73-115	16
Trichloroethene	mg/kg (ppm)	2.5	88	103	75-120	16
Toluene	mg/kg (ppm)	2.5	88	104	75-117	17
Tetrachloroethene	mg/kg (ppm)	2.5	90	104	80-120	14
Ethylbenzene	mg/kg (ppm)	2.5	93	109	74-122	16
m,p-Xylene	mg/kg (ppm)	5	95	111	78-114	16
o-Xylene	mg/kg (ppm)	2.5	95	112	81-116	16

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/09/10

Project: Former Thinker Toys 262-001, F&BI 008101

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008200-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	52	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	88	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	66	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	79	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	79	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	79	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	80	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	84	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	86	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	86	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	83	89	36-123	7
Chloroethane	mg/kg (ppm)	2.5	121	122	10-281	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	100	106	48-135	6
Methylene chloride	mg/kg (ppm)	2.5	85	84	42-144	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	93	65-125	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	95	72-120	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	94	73-120	8
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	97	100	66-125	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	98	102	71-131	4
Benzene	mg/kg (ppm)	2.5	93	98	73-115	5
Trichloroethene	mg/kg (ppm)	2.5	95	99	75-120	4
Toluene	mg/kg (ppm)	2.5	92	95	75-117	3
Tetrachloroethene	mg/kg (ppm)	2.5	93	97	80-120	4
Ethylbenzene	mg/kg (ppm)	2.5	98	101	74-122	3
m,p-Xylene	mg/kg (ppm)	5	102	103	78-114	1
o-Xylene	mg/kg (ppm)	2.5	99	102	81-116	3

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

008101

SAMPLE CHAIN OF CUSTODY

ME 08/09/10

US2 / 05
2 / 05

Send Report To Jeff Kuspan
 Company Fargilion Consulting
 Address 995 5th Ave NW
 City, State, ZIP Issaquah, WA 98027
 Phone # 425-295-0200 Fax # 425-295-0250

SAMPLERS (signature) Jeff

PROJECT NAME/NO. Former Thinker Toys PO # 262-09
262-001

REMARKS will call with analysis
Thank you

Page # 1 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Lab ID	Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	# VOC's by 8260	SVOC's by 8270	HPS						
MW18-10.0-080910	01A	8/9/10	0915	S	4				X							01 AD	X-per JK 8/12/10
MW18-14.0-080910	02A		0920						X							02 AD	ML
MW18-19.0-080910	03A		0925						X							03 AD	X-per ER/JK 8/12/10
MW18-24.0-080910	04A		0928						X							04 AD	ML
MW17-10.5-080910	05A		1135						X							05 AD	
MW17-14.0-080910	6		1140						X							06 AD	
MW17-19.0-080910	7		1145						X							07 AD	
MW17-24.0-080910	8		1149						X							08 AD	
MW17-29.0-080910	9		1213						X							09 AD	
MW17-34.5-080910	10		1226						X							10 AD	

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>Jeff</u>	Javen Ruark	Fargilion	8/9/10	1500
Received by: <u>Kimmy</u>	Nhan Phan	F&BI	8/9/10	1500
Relinquished by:				
Received by:		Samples received at	5 °C	

008101

SAMPLE CHAIN OF CUSTODY

ME 08/09/10 005/VS2

Page # 2 of 2

Send Report To Jeff Kaspar
 Company Farallon Consulting
 Address 975 5th Ave NW
 City, State, ZIP Issaquah WA 98027
 Phone # 425-295-0800 Fax # 425-295-0850

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. Former Thinker Toys PO # 262-001
 REMARKS Will call with analysis
Thank you.

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Lab ID	Notes	
						TPH Diesel	TPH-Gasoline	BTEX by 8021B	HVOCs by 8260	SVOCs by 8270	HFS							
Mw17-390-020910	11	8/9/10	1310	S	4				X									
<u>JR</u>																		

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jawan Husock	Farallon	8/9/10	1500
Received by: <u>[Signature]</u>	Nhan Phan	FEBT	8/9/10	1500
Relinquished by:				
Received by:		Samples received at	5°C	

008101

SAMPLE CHAIN OF CUSTODY

ME 08/09/10 vsz/cos

Page # 1 of 4

Send Report To Jeff Kaspar
 Company Fallon Consulting LLC
 Address 975 5th NW Suite 100
 City, State, ZIP Issaquah, WA 98027
 Phone # 425 295 0800 Fax # 0850

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. former Thinker Toys 262 001 PO #
 REMARKS Hold

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH Diesel	TPH-Gasoline	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	HFS						
SR09-3.0	12 AE	8-9-10	0810	Soil	5	(*)			X								
SR09-8.0	13 AE		0820		5	(*)			X								
SR09-13.0	14 AE		0830		5				X								
SR09-17.5	15 AE		0840		5	X			X								+BTEX
SR09-21.5	16 AE		0850		5	X			X								
SR09-26.0	17 AE		0900		5	X			X								
SR09-29.5	18 AE		0910		5	(*)			X								
SR010-1.0	19 AE		0930		5				X								
SR010-7.0	20 AE		0940		5				X								
SR010-10.0	21 AE		0950		5	(*)			X								

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jon Peterson	Fallon	8-9-10	1640
Received by: <u>[Signature]</u>	Nhan Phan	F&BT	8/9/10	1640
Relinquished by:				
Received by:		Samples received at	5 °C	

008101

SAMPLE CHAIN OF CUSTODY

ME 08/09/10

V82/COS

Send Report To

Jeff K.

Company

fallen

Address

City, State, ZIP

Phone # 125 295 0800 Fax #

SAMPLERS (signature)

[Signature]

PROJECT NAME/NO.

Former Thinker Toys
262 Coi

PO #

REMARKS

Hold

Page # 2 of 4

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	TVOCs by 8260	SVOCs by 8270	HPS						
SR010-16.0	22 AE	8-9-10	1000	soil	5				X								
SR010-21.0	23 AE		1010		5	(*)			X								
SR010-23.5	24 AE		1020		5				X								
SR010-29.0	25 AE		1030		5	(*)			X								
SR011-1.0	26 AD		1100		4				X								low sample volume
SR011-5.0	27 AE		1110		5				X								
SR011-10.0	28 AE		1120		5	(*)			X								
SR011-15.0	29 AE		1130		5				X								
SR011-20.0	30 AE		1140		5	(*)			X								
SR011-25.0	31 AE		1150		5				X								

Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS-COC-COC-DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<i>[Signature]</i>	Jon Peterson	fallen	8-9-10	1040
<i>[Signature]</i>	Nhan Phan	FeBI	8/9/10	1040
Received by:		Samples received at 5 °C		

008101

SAMPLE CHAIN OF CUSTODY

ME 08/09/10 vs2/cos

Send Report To Jeff K.
 Company Fallon
 Address _____
 City, State, ZIP _____
 Phone # 425 295 0800 Fax # _____

SAMPLERS (signature) _____
 PROJECT NAME/NO. Former Thinker Toys PO # _____
262 001
 REMARKS Hold

Page # 3 of 4
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes			
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	HYOCs by 8260	SVOCs by 8270	HFS								
SR011-28.0	32 AE	8-7-10	1200	Soil	5	(*)			X										
SR012-5.0	33 AE	↓	1310	↓	5				X										
SR012-8.0	34 AE		1320		5	(*)			X										
SR012-13.0	35 AE		1330		5				X										
SR012-17.0	36 AE		1340		5				X										
SR012-21.0	37 AE		1350		5	(*)			X										
SR012-23.5	38 AE		1400		5				X										
SR012-29.5	39 AE		1410		5	(*)			X										
SR013-0.5	40 AE		1440		5			X	X	X									+ BTEX
SR013-5.5	41 AE	1450	5			X	X	X									↓		

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Jon Peterson</u>	<u>Fallon</u>	<u>8-9-10</u>	<u>1640</u>
Received by: <u>[Signature]</u>	<u>Nhan Phan</u>	<u>F&BT</u>	<u>8/9/10</u>	<u>1640</u>
Relinquished by: _____				
Received by: _____				
Samples received at <u>5</u> °C				

008101

SAMPLE CHAIN OF CUSTODY

ME 08/09/10

VS2/COS

4 of 4

Send Report To Jeff Kaspa
 Company Fallon
 Address _____
 City, State, ZIP _____
 Phone # 425 295 0800 Fax # _____

SAMPLERS (signature) _____
 PROJECT NAME/NO. Former Thinker Toys PO # _____
262 001
 REMARKS Hold

Page # 4 of 4
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH _____
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HPES							
SR013-11.0	42 AE	8-9-10	1500	Soil	5	X	X		X									
SR013-15.5	43 AE		1510		5	X	X		X									
SR013-20.5	44 AE		1520		5	X	X		X									
SR013-24.5	45 AE		1530		5				X									
SR013-29.5	46 AE		1540		5				X									

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jon Peterson	Fallon	8-9-10	1640
Received by: <u>[Signature]</u>	Nhan Phan	FEBI	8/9/10	1640
Relinquished by:				
Received by:		Samples received at	5 °C	

GeoEngineers Remark:
This laboratory data package 8118 includes
soil analytical results from the following
exploration locations on or near the
Bellevue Corner Property:
SRO-14
SRO-15
SRO-16
SRO-17
SRO-18
SRO-19
SRO-20
SRO-21

Friedman & Bruya #008118

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

August 26, 2010

Jeff Kaspar, Project Manager
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr. Kaspar:

Included are the results from the testing of material submitted on August 10, 2010 from the Former Thinker Toys 262-001, F&BI 008118 project. There are 61 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
FLN0826R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 10, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 262-001, F&BI 008118 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008118-01	MW11-10.0-081010
008118-02	MW11-15.0-081010
008118-03	MW11-20.0-081010
008118-04	MW11-25.0-081010
008118-05	MW11-30.0-081010
008118-06	MW11-35.0-081010
008118-07	MW12-10.0-081010
008118-08	MW12-15.0-081010
008118-09	MW12-20.0-081010
008118-10	MW12-25.0-081010
008118-11	MW12-30.0-081010
008118-12	SR014-1.5
008118-13	SR014-6.5
008118-14	SR014-12.0
008118-15	SR014-17.0
008118-16	SR014-22.0
008118-17	SR014-25.2
008118-18	SR014-29.8
008118-19	SR015-1.0
008118-20	SR015-5.0
008118-21	SR015-10.0
008118-22	SR015-15.0
008118-23	SR015-20.0
008118-24	SR015-25.0
008118-25	SR015-29.5
008118-26	SR016-2.0
008118-27	SR016-7.0
008118-28	SR016-12.0
008118-29	SR016-17.0
008118-30	SR016-22.0
008118-31	SR016-25.5
008118-32	SR016-29.5
008118-33	SR017-1.8
008118-34	SR017-5.5
008118-35	SR017-10.5
008118-36	SR017-16.0
008118-37	SR017-21.0
008118-38	SR017-25.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 10, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 262-001, F&BI 008118 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008118-39	SR017-30.0
008118-40	SR018-2.0
008118-41	SR018-5.5
008118-42	SR019-2.0
008118-43	SR019-5.5
008118-44	SR020-2.0
008118-45	SR020-6.0
008118-46	SR021-6.5

Several compounds in the 8260C laboratory control sample and laboratory control sample duplicate exceeded the acceptance criteria. The analytes were not detected in the samples, therefore the results were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/10/10

Project: Former Thinker Toys 262-001, F&BI 008118

Date Extracted: 08/12/10

Date Analyzed: 08/13/10 and 08/14/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
SR017-1.8 008118-33 1/40	2,800	ip
SR017-5.5 008118-34	2	97
SR017-10.5 008118-35	<2	102
SR017-16.0 008118-36	<2	100
SR017-21.0 008118-37	<2	90
SR017-25.0 008118-38	<2	91
Method Blank 00-1228 MB	<2	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/10/10

Project: Former Thinker Toys 262-001, F&BI 008118

Date Extracted: 08/13/10

Date Analyzed: 08/13/10 and 8/16/10

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
SR017-1.8 008118-33	130 x	<250	112
SR017-5.5 008118-34	<50	<250	112
SR017-10.5 008118-35	<50	<250	112
SR017-16.0 008118-36	<50	<250	114
SR017-21.0 008118-37	<50	<250	112
SR017-25.0 008118-38	<50	<250	112
Method Blank 00-1246 MB	<50	<250	112

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW11-10.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/16/10	Lab ID:	008118-01
Date Analyzed:	08/17/10	Data File:	081637.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW11-15.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-02
Date Analyzed:	08/21/10	Data File:	082033.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW11-20.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-03
Date Analyzed:	08/21/10	Data File:	082034.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	115	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW11-25.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-04
Date Analyzed:	08/21/10	Data File:	082035.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	129	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW11-30.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-05
Date Analyzed:	08/21/10	Data File:	082036.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW11-35.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-06
Date Analyzed:	08/21/10	Data File:	082037.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	129	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW12-10.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/16/10	Lab ID:	008118-07
Date Analyzed:	08/17/10	Data File:	081638.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW12-15.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-08
Date Analyzed:	08/21/10	Data File:	082038.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	130	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: MW12-20.0-081010	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-09
Date Analyzed: 08/21/10	Data File: 082039.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW12-25.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-10
Date Analyzed:	08/21/10	Data File:	082040.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW12-30.0-081010	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-11
Date Analyzed:	08/21/10	Data File:	082041.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR014-1.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-12
Date Analyzed:	08/21/10	Data File:	082042.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	127	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR014-6.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-13
Date Analyzed:	08/21/10	Data File:	082043.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	115	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR014-12.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-14
Date Analyzed:	08/21/10	Data File:	082044.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	116	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR014-17.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-15
Date Analyzed:	08/21/10	Data File:	082045.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	118	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR014-22.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-16
Date Analyzed: 08/23/10	Data File: 082310.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR014-25.2	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-17
Date Analyzed:	08/21/10	Data File:	082060.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	126	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.035

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR014-29.8	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-18
Date Analyzed:	08/21/10	Data File:	082061.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR015-1.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-19
Date Analyzed:	08/21/10	Data File:	082062.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	125	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR015-5.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-20
Date Analyzed: 08/23/10	Data File: 082311.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	122	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR015-10.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-21
Date Analyzed: 08/23/10	Data File: 082312.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	119	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR015-15.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-22
Date Analyzed:	08/23/10	Data File:	082313.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR015-20.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-23
Date Analyzed: 08/23/10	Data File: 082314.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR015-25.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-24
Date Analyzed:	08/23/10	Data File:	082315.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR015-29.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-25
Date Analyzed:	08/23/10	Data File:	082316.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	117	42	152
Toluene-d8	121	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR016-2.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-26
Date Analyzed:	08/23/10	Data File:	082326.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR016-7.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-27
Date Analyzed: 08/23/10	Data File: 082318.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR016-12.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-28
Date Analyzed: 08/23/10	Data File: 082319.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	123	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR016-17.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-29
Date Analyzed: 08/23/10	Data File: 082320.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR016-22.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-30
Date Analyzed:	08/23/10	Data File:	082321.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	127	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR016-25.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-31
Date Analyzed:	08/23/10	Data File:	082322.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR016-29.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-32
Date Analyzed:	08/23/10	Data File:	082323.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.039

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR017-1.8	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-33
Date Analyzed: 08/24/10	Data File: 082327.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	163 ip	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	0.55
m,p-Xylene	0.77
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR017-5.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-34
Date Analyzed:	08/24/10	Data File:	082328.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	123	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR017-10.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-35
Date Analyzed:	08/24/10	Data File:	082329.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	125	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

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ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR017-16.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-36
Date Analyzed:	08/24/10	Data File:	082330.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	124	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR017-21.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-37
Date Analyzed:	08/24/10	Data File:	082331.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR017-25.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-38
Date Analyzed: 08/24/10	Data File: 082332.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR017-30.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-39
Date Analyzed: 08/24/10	Data File: 082333.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	121	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR018-2.0	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-40
Date Analyzed: 08/24/10	Data File: 082334.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR018-5.5	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-41
Date Analyzed: 08/24/10	Data File: 082335.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR019-2.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-42
Date Analyzed:	08/24/10	Data File:	082336.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	122	42	152
Toluene-d8	124	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR019-5.5	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-43
Date Analyzed:	08/24/10	Data File:	082337.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	122	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR020-2.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-44
Date Analyzed:	08/24/10	Data File:	082338.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	125	36	149
4-Bromofluorobenzene	123	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SR020-6.0	Client:	Farallon Consulting, L.L.C.
Date Received:	08/10/10	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	008118-45
Date Analyzed:	08/24/10	Data File:	082339.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	121	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SR021-6.5	Client: Farallon Consulting, L.L.C.
Date Received: 08/10/10	Project: Former Thinker Toys 262-001, F&BI 008118
Date Extracted: 08/20/10	Lab ID: 008118-46
Date Analyzed: 08/24/10	Data File: 082340.D
Matrix: Soil	Instrument: GCMS5
Units: mg/kg (ppm)	Operator: bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	120	42	152
Toluene-d8	126	36	149
4-Bromofluorobenzene	109	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	00-1289 mb
Date Analyzed:	08/20/10	Data File:	082006.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	115	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	00-1299 mb
Date Analyzed:	08/21/10	Data File:	082058.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	118	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	117	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/20/10	Lab ID:	00-1300 mb
Date Analyzed:	08/21/10	Data File:	082059.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	128	42	152
Toluene-d8	128	36	149
4-Bromofluorobenzene	119	50	150

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 262-001, F&BI 008118
Date Extracted:	08/16/10	Lab ID:	00-1255 mb
Date Analyzed:	08/17/10	Data File:	081627.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	bb

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	124	42	152
Toluene-d8	123	36	149
4-Bromofluorobenzene	120	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/10/10

Project: Former Thinker Toys 262-001, F&BI 008118

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR
AND TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008101-44 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/10/10

Project: Former Thinker Toys 262-001, F&BI 008118

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 008101-42 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	101	103	64-133	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/10/10

Project: Former Thinker Toys 262-001, F&BI 008118

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008061-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	33	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	58	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	56	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	59	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	68	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	77	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	71	51-143
Trichloroethene	mg/kg (ppm)	2.5	<0.03	76	57-133
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	77	53-136

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent		Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	77	70	36-123	10
Chloroethane	mg/kg (ppm)	2.5	98	97	10-281	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	93	83	48-135	11
Methylene chloride	mg/kg (ppm)	2.5	90	84	42-144	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	84	65-125	10
1,1-Dichloroethane	mg/kg (ppm)	2.5	95	87	72-120	9
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	89	73-120	9
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	100	92	66-125	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	93	71-131	9
Trichloroethene	mg/kg (ppm)	2.5	99	90	75-120	10
Tetrachloroethene	mg/kg (ppm)	2.5	100	94	80-120	6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/10/10

Project: Former Thinker Toys 262-001, F&BI 008118

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008135-10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	40	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	88	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	61	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	58	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	65	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	76	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	68	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	69	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	72	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	72	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	70	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	77	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	80	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery		Acceptance Criteria	RPD (Limit 20)
			LCS	LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	106	117	36-123	10
Chloroethane	mg/kg (ppm)	2.5	126	133	10-281	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	122	125	48-135	2
Methylene chloride	mg/kg (ppm)	2.5	94	100	42-144	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	111	65-125	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	106	111	72-120	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	110	73-120	6
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	108	112	66-125	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	117	122	71-131	4
Benzene	mg/kg (ppm)	2.5	108	112	73-115	4
Trichloroethene	mg/kg (ppm)	2.5	111	118	75-120	6
Toluene	mg/kg (ppm)	2.5	111	115	75-117	4
Tetrachloroethene	mg/kg (ppm)	2.5	115	118	80-120	3
Ethylbenzene	mg/kg (ppm)	2.5	116	121	74-122	4
m,p-Xylene	mg/kg (ppm)	5	119 vo	124 vo	78-114	4
o-Xylene	mg/kg (ppm)	2.5	119 vo	124 vo	81-116	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/10/10

Project: Former Thinker Toys 262-001, F&BI 008118

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008118-24 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	83	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	67	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	64	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	71	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	74	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	76	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	78	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	76	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	75	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	80	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	82	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	82	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery		Acceptance Criteria	RPD (Limit 20)
			LCS	LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	114	113	36-123	1
Chloroethane	mg/kg (ppm)	2.5	131	130	10-281	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	124	125	48-135	1
Methylene chloride	mg/kg (ppm)	2.5	102	107	42-144	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	107	112	65-125	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	108	113	72-120	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	110	114	73-120	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	110	116	66-125	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	120	125	71-131	4
Benzene	mg/kg (ppm)	2.5	111	116 vo	73-115	4
Trichloroethene	mg/kg (ppm)	2.5	114	118	75-120	3
Toluene	mg/kg (ppm)	2.5	113	118 vo	75-117	4
Tetrachloroethene	mg/kg (ppm)	2.5	116	121 vo	80-120	4
Ethylbenzene	mg/kg (ppm)	2.5	119	123 vo	74-122	3
m,p-Xylene	mg/kg (ppm)	5	121 vo	126 vo	78-114	4
o-Xylene	mg/kg (ppm)	2.5	123 vo	127 vo	81-116	3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/10

Date Received: 08/10/10

Project: Former Thinker Toys 262-001, F&BI 008118

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008118-39 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	53	10-166
Chloroethane	mg/kg (ppm)	2.5	<0.5	87	10-161
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	21-148
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	38-147
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	41-148
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	54-134
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	53-143
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	61-132
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	83	51-143
Benzene	mg/kg (ppm)	2.5	<0.03	82	58-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	83	57-133
Toluene	mg/kg (ppm)	2.5	<0.05	82	56-136
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	80	53-136
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	62-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	60-132
o-Xylene	mg/kg (ppm)	2.5	<0.05	88	56-139

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	mg/kg (ppm)	2.5	98	113	36-123	14
Chloroethane	mg/kg (ppm)	2.5	121	125	10-281	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	108	119	48-135	10
Methylene chloride	mg/kg (ppm)	2.5	92	102	42-144	10
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	110	65-125	12
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	110	72-120	11
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	111	73-120	13
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	101	111	66-125	9
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	107	119	71-131	11
Benzene	mg/kg (ppm)	2.5	101	111	73-115	9
Trichloroethene	mg/kg (ppm)	2.5	102	114	75-120	11
Toluene	mg/kg (ppm)	2.5	103	113	75-117	9
Tetrachloroethene	mg/kg (ppm)	2.5	107	116	80-120	8
Ethylbenzene	mg/kg (ppm)	2.5	108	119	74-122	10
m,p-Xylene	mg/kg (ppm)	5	110	121 vo	78-114	10
o-Xylene	mg/kg (ppm)	2.5	112	124 vo	81-116	10

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j – The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

008118

SAMPLE CHAIN OF CUSTODY

ME 08/10/10

US4/C05

Send Report To Jean Kaspan
 Company Facallon Consulting
 Address 975 5th Ave NW
 City, State, ZIP Issaquah, WA 98027
 Phone # 425-295-0800 Fax # 425-295-0790

SAMPLERS (signature) Jean Kaspan

PROJECT NAME/NO. Former Thinker Toys PO # 262-001
262-001

REMARKS Will call w/ analysis
Thank you

Page # 1 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes		
						TPH Diesel	TPH Gasoline	BTEX by 8021B	HVOC's by 8260	SVOC's by 8270	HFS							
MW11-100-081010	01 ^A _D	8/10/10	1002	S	4													X per TK 8/12/10
MW11-15.0-081010	02 ^A _D		1007															X per TK 8/13/10
MW11-20.0-081010	03 ^A _D		1015															
MW11-25.0-081010	04 ^A _D		1023															
MW11-30.0-081010	05 ^A _D		1030															
MW11-35.0-081010	06 ^A _D		1043															
MW12-10.0-081010	07 ^A _D		1200															
MW12-15.0-081010	08 ^A _D		1205															
MW12-20.0-081010	09 ^A _D		1211															
MW12-25.0-081010	10 ^A _D		1209															

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>Jean Kaspan</u>	<u>Jean Kaspan</u>	<u>Facallon</u>	<u>8/10/10</u>	<u>1500</u>
Received by: <u>M. Phan</u>	<u>Mhan Phan</u>	<u>FEBI</u>	<u>8/10/10</u>	<u>1800</u>
Relinquished by:				
Received by:		Samples received at	<u>5</u>	<u>"C</u>

008118

SAMPLE CHAIN OF CUSTODY

ME 08/10/10

US4/C05

2 of 2

Send Report To Jeff Kaspar
 Company Forelim Consulting
 Address 975 5th Ave NW
 City, State, ZIP Issaquah WA 98027
 Phone # 425-295-0800 Fax # 425-295-0850

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. Former Thinker Toys PO # 262-001
262-001

REMARKS Will call w/ analysis
Thank you

Page # 2 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED							Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	HVOCs by 8260	SVOCs by 8270	IIS			
<u>MWR-3010-0810011D</u>	<u>11D</u>	<u>8/10/10</u>	<u>1300</u>	<u>S</u>	<u>4</u>				<u>X</u>					
<u>[Large Handwritten Signature]</u>														

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Jovan Ruck</u>	<u>Forelim</u>	<u>8/10/10</u>	<u>1500</u>
Received by: <u>[Signature]</u>	<u>Nhan Phan</u>	<u>Fe B I</u>	<u>8/10/10</u>	<u>1800</u>
Relinquished by:				
Received by:		Samples received at <u>5</u> e		

008118

SAMPLE CHAIN OF CUSTODY

ME 08/10/10

VS4/C05

Send Report To Jeff Kaspar
 Company Faallan Consulting LLC
 Address 9755th Ave NW Suite 100
 City, State, ZIP Issaquah, WA 98027
 Phone # 425 295 0800 Fax # 0850

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. former Thinker Toys PO # 262 001
 REMARKS Hold

Page # 1 of 4
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH-Diesel	TPH Gasoline	BTEX by 8021B	AVOCs by 8260	SVOCs by 8270	HFS						
SR014-6.5	12 AE	8-10-10	800	Joc 1	5				X								
SR014-6.5	13 AE		810		5				X								
SR014-12.0	14 AE		820		5				X								
SR014-17.0	15 AE		830		5				X								
SR014-22.0	16 AE		840		5				X								
SR014-25.2	17 AE		850		5				X								
SR014-29.8	18 AE		900		5				X								
SR015-1.0	19 AE		910		5				X								
SR015-5.0	20 AE		920		5				X								
SR015-10.0	21 AE		930		5				X								

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Peter Sam</u>	<u>Faallan</u>	<u>8/10/10</u>	<u>1630</u>
Received by: <u>[Signature]</u>	<u>Nhan Phan</u>	<u>FeBT</u>	<u>8/10/10</u>	<u>1700</u>
Relinquished by:				
Received by:		Samples received at	<u>5</u> °C	

008118

SAMPLE CHAIN OF CUSTODY

ME 08/10/10

VS4/COS

Page # 2 of 4

Send Report To J Kaspar
 Company Faillon
 Address _____
 City, State, ZIP _____
 Phone # 425 295 0800 Fax # _____

SAMPLERS (signature) Jan
 PROJECT NAME/NO. 262 001 PO # _____
Former Thicke-Toys
 REMARKS Hold

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	4VOC's by 8260	SVOC's by 8270	IFS						
SR015-15.0	22 A-E	8-10-10	940	Soil	5					X							
SR015-20.0	23 A-E		950		5					X							
SR015-25.0	24 A-E		1000		5					X							
SR015-29.5	25 A-E		1010		5					X							
SR016-20	26 A-E		1050		5					X							
SR016-7.0	27 A-E		1100		5					X							
SR016-12.0	28 A-E		1110		5					X							
SR016-17.0	29 A-E		1120		5					X							
SR016-22.0	30 A-E		1130		5					X							
SR016-25.5	31 A-E		1140		5					X							

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 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<u>[Signature]</u>	Jan Peterson	Faillon	8/10/10	1630
<u>[Signature]</u>	Nhan Pham	FEBI	8/10/10	1700
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Samples received at				5 °C

008118

SAMPLE CHAIN OF CUSTODY

ME 08/10/10 v34/c05

Page # 3 of 4

Send Report To J. Kasper
 Company Fa-Allen
 Address _____
 City, State, ZIP _____
 Phone # 425 295 0800 Fax # _____

SAMPLERS (signature) <u>Jon</u>	
PROJECT NAME/NO. <u>Thurber Toys</u> <u>262001</u>	PO #
REMARKS <u>Hold</u>	

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH _____
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes	
						TPH Diesel	TPH-Gasoline	BTEX by 8021B	HVOC's by 8260	SVOC's by 8270	HFS						
SR016-29.5	32 AE	8-10-10	1150	Soil	5				X								
SR017-1.8	33 AE		1210			X	X		X								+BTEX
SR017-5.5	34 AE		1220			X	X		X								
SR017-10.5	35 AE		1230			X	X		X								
SR017-16.0	36 AE		1240			X	X		X								
SR017-21.0	37 A.E		1250			X	X		X								
SR017-25.0	38 A.E		1300			X	X		X								
SR017-30.0	39 AE		1310						X								
SR018-2.0	40 A.E		1400						X								
SR018-5.5	41 A.E		1410						X								

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Jon Peterson	Fa-Allen	8/10/10	1630
Received by: <u>[Signature]</u>	Nhan Phan	FeBT	8/10/10	1700
Relinquished by:				
Received by:		Samples received at	5 °C	

008118

SAMPLE CHAIN OF CUSTODY

ME 08/10/10

VS4/COS

Page # 4 of 4

Send Report To J. Kaspar

Company Farallon

Address

City, State, ZIP

Phone # 206 295 0800 Fax #

SAMPLERS (signature) <i>Jon</i>	
PROJECT NAME/NO. Former Hunter Toys 267001	PO #
REMARKS Hold	

TURNAROUND TIME Standard (2 Weeks) RUSH Rush charges authorized by:
SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes				
						TPH Diesel	TPH Gasoline	BTEX by 8021B	HVOC's by 8260	SVOC's by 8270	HFS									
SR019-2.0	42 A.E	8/10/10	14:30	Soil	5															
SR019-5.5	43 A.E		14:40		5															
SR020-2.0	44 A.E		15:05		5															
SR020-6.0	45 A.G		15:15		5															
SR020-6.5	46 A.E		15:35		5															

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <i>[Signature]</i>	Jon Peterson	Farallon	8/10/10	1630
Received by: <i>[Signature]</i>	Nhan Phan	FeBI	8/10/10	1700
Relinquished by:				
Received by:		Samples received at 5 °C		

GeoEngineers Remark:

This laboratory data package 8289 includes groundwater analytical results from the following exploration locations on or near the Bellevue Corner

Property:

URSMW3

B3/MW3

URSMW1

MW17

MW18

MW20

MW19

URSMW2

Friedman & Bruya #008289

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

September 10, 2010

Jeff Kaspar, Project Manager
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr. Kaspar:

Included are the results from the testing of material submitted on August 25, 2010 from the Former Thinker Toys 292-001, F&BI 008289 project. There are 32 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
FLN0910R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 25, 2010 by Friedman & Bruya, Inc. from the Farallon Consulting, L.L.C. Former Thinker Toys 292-001, F&BI 008289 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Farallon Consulting, L.L.C.</u>
008289-01	URSMW3-082310
008289-02	B3/MW3-082310
008289-03	URSMW1-082410
008289-04	MW16-082410
008289-05	MW11-082410
008289-06	MW12-082410
008289-07	MW4-082410
008289-08	MW17-082410
008289-09	MW18-082410
008289-10	MW8-082410
008289-11	QA/QC-082410
008289-12	MW9-082410
008289-13	MW20-082510
008289-14	MW19-082510
008289-15	URSMW2-082510
008289-16	MW7S-082510

Sample MW7D-082510 was not received by the laboratory as listed on the chain of custody. It was received on August 26th, 2010 with sample delivery group 008316.

The 8260C methylene chloride detections in the dilution of samples MW12-082410 and MW7S-082510 are qualified due to laboratory contamination, a failing calibration standard and a failing relative percent difference. The data were flagged accordingly. The undiluted results are also included and do not have any qualifiers.

The 8260C laboratory control sample and laboratory control sample duplicate failed the relative percent difference acceptance criteria for chloroethane and methylene chloride. The data were flagged accordingly.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/10
Date Received: 08/25/10
Project: Former Thinker Toys 292-001, F&BI 008289
Date Extracted: 08/25/10
Date Analyzed: 08/26/10

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
MW17-082410 008289-08	<100	84
MW18-082410 008289-09	260	92
MW20-082510 008289-13	<100	83
MW19-082510 008289-14	<100	82
MW7S-082510 008289-16	4,200	122
Method Blank 00-1308 MB	<100	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/10

Date Received: 08/25/10

Project: Former Thinker Toys 292-001, F&BI 008289

Date Extracted: 08/26/10

Date Analyzed: 08/26/10

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
MW17-082410 008289-08	<50	<250	80
MW18-082410 008289-09	<50	<250	79
MW20-082510 008289-13	<50	<250	80
MW19-082510 008289-14	<50	<250	77
MW7S-082510 008289-16	110	<250	90
Method Blank 00-1333 MB	<50	<250	78

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	URSMW3-082310	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/01/10	Lab ID:	008289-01
Date Analyzed:	09/01/10	Data File:	083188.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	63	127
Toluene-d8	101	60	129
4-Bromofluorobenzene	98	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B3/MW3-082310	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/01/10	Lab ID:	008289-02
Date Analyzed:	09/02/10	Data File:	083189.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	97	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	50

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	URSMW1-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/01/10	Lab ID:	008289-03
Date Analyzed:	09/02/10	Data File:	083190.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	63	127
Toluene-d8	99	60	129
4-Bromofluorobenzene	95	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	6.1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	11
Tetrachloroethene	450 ve

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	URSMW1-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/03/10	Lab ID:	008289-03 1/10
Date Analyzed:	09/03/10	Data File:	090312.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	94	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<2
Chloroethane	<10
1,1-Dichloroethene	<10
Methylene chloride	<50
trans-1,2-Dichloroethene	<10
1,1-Dichloroethane	<10
cis-1,2-Dichloroethene	<10
1,2-Dichloroethane (EDC)	<10
1,1,1-Trichloroethane	<10
Trichloroethene	10
Tetrachloroethene	430

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW16-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/01/10	Lab ID:	008289-04
Date Analyzed:	09/02/10	Data File:	083191.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	96	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	14
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	3.2
Tetrachloroethene	64

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW11-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/01/10	Lab ID:	008289-05
Date Analyzed:	09/02/10	Data File:	083192.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	63	127
Toluene-d8	101	60	129
4-Bromofluorobenzene	99	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW12-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/01/10	Lab ID:	008289-06
Date Analyzed:	09/02/10	Data File:	083193.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	63	127
Toluene-d8	101	60	129
4-Bromofluorobenzene	98	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	3.2
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	2.6
Tetrachloroethene	270 ve

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ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW12-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/03/10	Lab ID:	008289-06 1/10
Date Analyzed:	09/03/10	Data File:	090313.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	108	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	95	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<2
Chloroethane	<10
1,1-Dichloroethene	<10
Methylene chloride	61 lc ca jr
trans-1,2-Dichloroethene	<10
1,1-Dichloroethane	<10
cis-1,2-Dichloroethene	<10
1,2-Dichloroethane (EDC)	<10
1,1,1-Trichloroethane	<10
Trichloroethene	<10
Tetrachloroethene	260

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ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW4-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/01/10	Lab ID:	008289-07
Date Analyzed:	09/02/10	Data File:	083194.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	63	127
Toluene-d8	101	60	129
4-Bromofluorobenzene	99	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	17
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	6.3
Tetrachloroethene	140

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	08/31/10	Lab ID:	008289-08
Date Analyzed:	09/02/10	Data File:	083195.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	99	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	2.2
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	1.8
Tetrachloroethene	14

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW18-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	08/31/10	Lab ID:	008289-09
Date Analyzed:	09/02/10	Data File:	083196.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	108	63	127
Toluene-d8	104	60	129
4-Bromofluorobenzene	101	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	10
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	15
Tetrachloroethene	710 ve

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW18-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	08/31/10	Lab ID:	008289-09 1/10
Date Analyzed:	09/03/10	Data File:	090314.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	108	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	97	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<3.5
Toluene	<10
Ethylbenzene	<10
m,p-Xylene	<20
o-Xylene	<10
Vinyl chloride	<2
Chloroethane	<10
1,1-Dichloroethene	<10
Methylene chloride	<50
trans-1,2-Dichloroethene	<10
1,1-Dichloroethane	<10
cis-1,2-Dichloroethene	<10
1,2-Dichloroethane (EDC)	<10
1,1,1-Trichloroethane	<10
Trichloroethene	15
Tetrachloroethene	830

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW8-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/02/10	Lab ID:	008289-10
Date Analyzed:	09/02/10	Data File:	090213.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	93	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	QA/QC-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/02/10	Lab ID:	008289-11
Date Analyzed:	09/02/10	Data File:	090214.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	96	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW9-082410	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/02/10	Lab ID:	008289-12
Date Analyzed:	09/02/10	Data File:	090215.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	108	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	94	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW20-082510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	08/31/10	Lab ID:	008289-13
Date Analyzed:	09/02/10	Data File:	090216.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	63	127
Toluene-d8	103	60	129
4-Bromofluorobenzene	97	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	4.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW19-082510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	08/31/10	Lab ID:	008289-14
Date Analyzed:	09/02/10	Data File:	090217.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	109	63	127
Toluene-d8	103	60	129
4-Bromofluorobenzene	96	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	1.1
Tetrachloroethene	33

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	URSMW2-082510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	09/02/10	Lab ID:	008289-15
Date Analyzed:	09/02/10	Data File:	090218.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	63	127
Toluene-d8	101	60	129
4-Bromofluorobenzene	95	51	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW7S-082510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	08/31/10	Lab ID:	008289-16
Date Analyzed:	09/02/10	Data File:	090219.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	63	127
Toluene-d8	103	60	129
4-Bromofluorobenzene	93	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	1.8
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	420 ve
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	2.1
Trichloroethene	580 ve
Tetrachloroethene	2,100 ve

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW7S-082510	Client:	Farallon Consulting, L.L.C.
Date Received:	08/25/10	Project:	Former Thinker Toys 292-001
Date Extracted:	08/31/10	Lab ID:	008289-16 1/100
Date Analyzed:	09/03/10	Data File:	090315.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	63	127
Toluene-d8	103	60	129
4-Bromofluorobenzene	97	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<35
Toluene	<100
Ethylbenzene	<100
m,p-Xylene	<200
o-Xylene	<100
Vinyl chloride	<20
Chloroethane	<100
1,1-Dichloroethene	<100
Methylene chloride	720 ca lc jr
trans-1,2-Dichloroethene	<100
1,1-Dichloroethane	<100
cis-1,2-Dichloroethene	380
1,2-Dichloroethane (EDC)	<100
1,1,1-Trichloroethane	<100
Trichloroethene	600
Tetrachloroethene	9,800

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 292-001
Date Extracted:	09/01/10	Lab ID:	001366 mb
Date Analyzed:	09/01/10	Data File:	083169.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	63	127
Toluene-d8	101	60	129
4-Bromofluorobenzene	98	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	5.1 lc
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 292-001
Date Extracted:	09/02/10	Lab ID:	001369 mb
Date Analyzed:	09/02/10	Data File:	090206.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	97	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Farallon Consulting, L.L.C.
Date Received:	Not Applicable	Project:	Former Thinker Toys 292-001
Date Extracted:	09/03/10	Lab ID:	001372 mb
Date Analyzed:	09/03/10	Data File:	090309.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	108	63	127
Toluene-d8	102	60	129
4-Bromofluorobenzene	95	51	145

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	15 lc ca jr
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/10

Date Received: 08/25/10

Project: Former Thinker Toys 292-001, F&BI 008289

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES
FOR
TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 008258-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	96	70-119

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/10

Date Received: 08/25/10

Project: Former Thinker Toys 292-001, F&BI 008289

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	113	106	63-142	6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/10

Date Received: 08/25/10

Project: Former Thinker Toys 292-001, F&BI 008289

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008289-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	50	<0.2	98	36-166
Chloroethane	ug/L (ppb)	50	<1	96	46-160
1,1-Dichloroethene	ug/L (ppb)	50	<1	105	60-136
Methylene chloride	ug/L (ppb)	50	<5	101	67-132
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	105	72-129
1,1-Dichloroethane	ug/L (ppb)	50	<1	102	70-128
cis-1,2-Dichloroethene	ug/L (ppb)	50	17	106 b	71-127
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	106	69-133
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	104	60-146
Benzene	ug/L (ppb)	50	<0.35	105	77-122
Trichloroethene	ug/L (ppb)	50	6.3	105	72-131
Toluene	ug/L (ppb)	50	<1	100	77-118
Tetrachloroethene	ug/L (ppb)	50	140	78 b	77-121
Ethylbenzene	ug/L (ppb)	50	<1	103	72-130
m,p-Xylene	ug/L (ppb)	100	<2	103	69-132
o-Xylene	ug/L (ppb)	50	<1	103	68-137

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	50	100	101	50-154	1
Chloroethane	ug/L (ppb)	50	105	110	58-146	5
1,1-Dichloroethene	ug/L (ppb)	50	107	105	67-136	2
Methylene chloride	ug/L (ppb)	50	100	98	39-148	2
trans-1,2-Dichloroethene	ug/L (ppb)	50	108	107	68-128	1
1,1-Dichloroethane	ug/L (ppb)	50	105	103	79-121	2
cis-1,2-Dichloroethene	ug/L (ppb)	50	107	106	80-123	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	105	103	73-132	2
1,1,1-Trichloroethane	ug/L (ppb)	50	107	104	83-130	3
Benzene	ug/L (ppb)	50	107	106	72-127	1
Trichloroethene	ug/L (ppb)	50	106	104	80-120	2
Toluene	ug/L (ppb)	50	103	103	72-122	0
Tetrachloroethene	ug/L (ppb)	50	108	108	76-121	0
Ethylbenzene	ug/L (ppb)	50	105	105	77-124	0
m,p-Xylene	ug/L (ppb)	100	107	106	83-125	1
o-Xylene	ug/L (ppb)	50	106	106	86-121	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/10

Date Received: 08/25/10

Project: Former Thinker Toys 292-001, F&BI 008289

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008263-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	50	0.26	98	36-166
Chloroethane	ug/L (ppb)	50	<1	105	46-160
1,1-Dichloroethene	ug/L (ppb)	50	<1	107	60-136
Methylene chloride	ug/L (ppb)	50	41	97 b	67-132
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	110	72-129
1,1-Dichloroethane	ug/L (ppb)	50	<1	105	70-128
cis-1,2-Dichloroethene	ug/L (ppb)	50	28	111 b	71-127
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	109	69-133
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	108	60-146
Benzene	ug/L (ppb)	50	<0.35	109	77-122
Trichloroethene	ug/L (ppb)	50	17	110 b	72-131
Toluene	ug/L (ppb)	50	<1	103	77-118
Tetrachloroethene	ug/L (ppb)	50	<1	129 vo	77-121
Ethylbenzene	ug/L (ppb)	50	<1	106	72-130
m,p-Xylene	ug/L (ppb)	100	<2	108	69-132
o-Xylene	ug/L (ppb)	50	<1	107	68-137

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	50	102	101	50-154	1
Chloroethane	ug/L (ppb)	50	95	96	58-146	1
1,1-Dichloroethene	ug/L (ppb)	50	107	104	67-136	3
Methylene chloride	ug/L (ppb)	50	100	96	39-148	4
trans-1,2-Dichloroethene	ug/L (ppb)	50	107	104	68-128	3
1,1-Dichloroethane	ug/L (ppb)	50	103	101	79-121	2
cis-1,2-Dichloroethene	ug/L (ppb)	50	105	103	80-123	2
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	104	102	73-132	2
1,1,1-Trichloroethane	ug/L (ppb)	50	104	101	83-130	3
Benzene	ug/L (ppb)	50	106	103	72-127	3
Trichloroethene	ug/L (ppb)	50	105	103	80-120	2
Toluene	ug/L (ppb)	50	102	100	72-122	2
Tetrachloroethene	ug/L (ppb)	50	107	105	76-121	2
Ethylbenzene	ug/L (ppb)	50	103	101	77-124	2
m,p-Xylene	ug/L (ppb)	100	106	103	83-125	3
o-Xylene	ug/L (ppb)	50	105	102	86-121	3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/10

Date Received: 08/25/10

Project: Former Thinker Toys 292-001, F&BI 008289

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 008316-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Vinyl chloride	ug/L (ppb)	50	<0.2	93	36-166
Chloroethane	ug/L (ppb)	50	<1	100	46-160
1,1-Dichloroethene	ug/L (ppb)	50	<1	103	60-136
Methylene chloride	ug/L (ppb)	50	<5	98	67-132
trans-1,2-Dichloroethene	ug/L (ppb)	50	1.6	103	72-129
1,1-Dichloroethane	ug/L (ppb)	50	<1	100	70-128
cis-1,2-Dichloroethene	ug/L (ppb)	50	410 ve	73 b	71-127
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	103	69-133
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	103	60-146
Benzene	ug/L (ppb)	50	<0.35	102	77-122
Trichloroethene	ug/L (ppb)	50	550 ve	44 b	72-131
Toluene	ug/L (ppb)	50	<1	94	77-118
Tetrachloroethene	ug/L (ppb)	50	2,100 ve	0 b	77-121
Ethylbenzene	ug/L (ppb)	50	<1	97	72-130
m,p-Xylene	ug/L (ppb)	100	<2	97	69-132
o-Xylene	ug/L (ppb)	50	<1	98	68-137

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	ug/L (ppb)	50	78	86	50-154	10
Chloroethane	ug/L (ppb)	50	72	96	58-146	29 vo
1,1-Dichloroethene	ug/L (ppb)	50	91	91	67-136	0
Methylene chloride	ug/L (ppb)	50	88	123	39-148	33 vo
trans-1,2-Dichloroethene	ug/L (ppb)	50	103	104	68-128	1
1,1-Dichloroethane	ug/L (ppb)	50	101	101	79-121	0
cis-1,2-Dichloroethene	ug/L (ppb)	50	104	105	80-123	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	102	103	73-132	1
1,1,1-Trichloroethane	ug/L (ppb)	50	99	100	83-130	1
Benzene	ug/L (ppb)	50	103	104	72-127	1
Trichloroethene	ug/L (ppb)	50	103	104	80-120	1
Toluene	ug/L (ppb)	50	99	100	72-122	1
Tetrachloroethene	ug/L (ppb)	50	105	105	76-121	0
Ethylbenzene	ug/L (ppb)	50	100	102	77-124	2
m,p-Xylene	ug/L (ppb)	100	102	103	83-125	1
o-Xylene	ug/L (ppb)	50	101	102	86-121	1

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j – The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

008289

SAMPLE CHAIN OF CUSTODY

ME 8/25/10 V3/A13/D03

Page # 1 of 2

Send Report To

Company Furallon Consulting, Jeff Kaspar

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA 98027

Phone # 425 295 0800 Fax # 425 295 0850

SAMPLERS (signature) Desiree Clement D of

PROJECT NAME/NO. Former Thinker Toys PO # 260-21

092-001

REMARKS

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED								Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HPS	THX-8208				
URSMW3-082310	01A	8/22/10	1505	GW	3								X			
B3/MW3-082310	02A	8/23/10	1530	GW	3								X			
URSMW1-082410	03A	8/24/10	0740	GW	3								X			
MW16-082410	04A		0930	GW	3								X			
MW11-082410	05A		1150	GW	3								X			
MW12-082410	06A		1200	GW	3								X			
MW4-082410	07A		1145	GW	3								X			
MW17-082410	08A		1240	GW	3	X	X	X					X			
MW18-082410	09A		1330	GW	3	X	X	X					X			
MW8-082410	10A		1435	GW	3								X			

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 PH (206) 243 8282
 FAX (206) 243 5044
 FORM 6-00-0000-000

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Desiree Clement	Furallon	8/25/10	1126
Received by: <u>[Signature]</u>	Eric [Signature]	F&B	8/25/10	1130
Relinquished by:				
Received by:				

Samples received at 4 °C

008289

SAMPLE CHAIN OF CUSTODY

ME 8/25/10

V3/AI3/00003

Send Report To Jeff Kasper
 Company Farallon Consulting
 Address 975 5th Ave NW
 City, State, ZIP Issaquah, WA 98027
 Phone # 425 295 0800 Fax # 425 295 0550

SAMPLERS (signature) Def

PROJECT NAME/NO. Fine Thicker Toss PO #
262-201

REMARKS

Page # 2 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes			
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	MnOC, 8240B							
QA/QC-082410	11 AE	8/24/10	0100	GW	3														
MW9-082410	12 AE		1510	GW	3														
MW20-082510	13 AE	8/25/10	0800	GW	9	X	X	X											
MW19-082510	14 AE		0840	GW	9	X	X	X											
URSMW2-082510	15 AE		0945	GW	3														
MW75-082510	16 AE		1025	GW	9	X	X	X											
MW7D-082510	17 NO			GW	3														NOT RECEIVED

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8882
 Fax (206) 283-8044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Desiree Clement	Farallon	8/25/10	1126
Received by: <u>[Signature]</u>	Eric Jansen	FAB	8/25/10	1130
Relinquished by:				
Received by:				

Samples received at 4 °C



**OnSite
Environmental Inc.**

Analytical Testing and Mobile Laboratory Services

March 20, 2000

Kathleen Goodman
URS Greiner Woodward Clyde
Century Square, Suite 1500
1501 Fourth Avenue
Seattle, WA 98101-1662

Re: Analytical Data for Project 54-09900024.¹²₀₇
Laboratory Reference No. 0003-095

Dear Kathleen:

Enclosed are the analytical results and associated quality control data for samples submitted on March 13, 2000.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

- Soil VOC MS/MSD 03-095-02: The duplicate RPD was above the control limit for toluene at 14%. The associated MS/MSD percent recoveries were within the control limits; therefore, no data were qualified.

Surrogate Recoveries

Surrogate compounds were used in the analysis of organic compounds to monitor analyte extraction efficiency/method accuracy on a per sample basis. Surrogate recoveries were within the control limits. No data require qualification based on surrogate percent recoveries.

Reporting Limits

To ensure that the level of sensitivity required for project goals was met, reporting limits were reviewed. The reporting limits were met or exceeded the requested reporting limits.

Summary

The data reviewed are acceptable for use based on a majority of acceptable quality control data. The data generally meet criteria specified in the scope of work. The data may be used to assess analyte concentrations without qualification.

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

NWTPH-G/BTEX

Date Extracted: 3-14-00 ✓
 Date Analyzed: 3-17-00 ✓

Matrix: Soil
 Units: mg/Kg (ppm)

Client ID: URSSB-OP1-6 URSSB-OP1-18
 Lab ID: 03-095-01 03-095-02

	Result	Flags	PQL	Result	Flags	PQL
Benzene	ND		0.056	ND		0.056
Toluene	ND		0.056	ND		0.056
Ethyl Benzene	ND		0.056	ND		0.056
m,p-Xylene	ND		0.056	ND		0.056
o-Xylene	ND		0.056	ND		0.056
TPH-Gas	ND		5.6	ND		5.6
Surrogate Recovery: Fluorobenzene	85% ✓			102% ✓		

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

NWTPH-G/BTEX

Date Extracted: 3-14-00 ✓
 Date Analyzed: 3-17-00 ✓

Matrix: Soil
 Units: mg/Kg (ppm)

Client ID: URSSB-OP3-18 URSSB-OP4-8
 Lab ID: 03-095-06 03-095-07

	Result	Flags	PQL	Result	Flags	PQL
Benzene	ND		0.056	ND		0.054
Toluene	ND		0.056	ND		0.054
Ethyl Benzene	ND		0.056	ND		0.054
m,p-Xylene	ND		0.056	ND		0.054
o-Xylene	ND		0.056	ND		0.054
TPH-Gas	ND		5.6	ND		5.4
Surrogate Recovery: Fluorobenzene	101% ✓			110% ✓		

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

NWTPH-G/BTEX

Date Extracted: 3-14-00 ✓
 Date Analyzed: 3-17-00 ✓

Matrix: Soil
 Units: mg/Kg (ppm)

Client ID: URSSB-OP7-16
 Lab ID: 03-095-12

URSSB-OP8-8
 03-095-13

	Result	Flags	PQL	Result	Flags	PQL
Benzene	ND		0.054	ND		0.056
Toluene	ND		0.054	ND		0.056
Ethyl Benzene	ND		0.054	ND		0.056
m,p-Xylene	ND		0.054	ND		0.056
o-Xylene	ND		0.054	ND		0.056
TPH-Gas	ND		5.4	ND		5.6
Surrogate Recovery: Fluorobenzene	112% ✓			110% ✓		

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

NWTPH-G/BTEX
METHOD BLANK QUALITY CONTROL

Date Extracted: 3-14-00
Date Analyzed: 3-14-00

Matrix: Soil
Units: mg/Kg (ppm)

Lab ID: MB0314S1

	Result	Flags	PQL
Benzene	ND✓		0.050
Toluene	ND✓		0.050
Ethyl Benzene	ND✓		0.050
m,p-Xylene	ND✓		0.050
o-Xylene	ND✓		0.050
TPH-Gas	ND✓		5.0
Surrogate Recovery: Fluorobenzene	96%✓		

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

**NWTPH-G/BTEX
 DUPLICATE QUALITY CONTROL**

Date Extracted: 3-14-00
 Date Analyzed: 3-14-00

Matrix: Soil
 Units: mg/Kg (ppm)

Lab ID:	03-006-09 Original	03-006-09 Duplicate	RPD	Flags
Benzene	ND	ND	NA ✓	
Toluene	ND	ND	NA ✓	
Ethyl Benzene	ND	ND	NA ✓	
m,p-Xylene	0.089	0.090	1.7 ✓	
o-Xylene	ND	ND	NA ✓	
TPH-Gas	67.4	81.7	19 ✓	
Surrogate Recovery: Fluorobenzene	69% ✓	80% ✓		

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

**NWTPH-G/BTEX
 SB/SBD QUALITY CONTROL**

Date Extracted: 3-14-00
 Date Analyzed: 3-14-00

Matrix: Soil
 Units: mg/Kg (ppm)

Spike Level: 1.00 ppm

Lab ID:	SB0314S1 Spike Blank	Percent Recovery	SB0314S1 DUP Duplicate	Percent Recovery	RPD	Flags
Benzene	0.641	64	0.754	75✓	16	L
Toluene	0.758	76	0.808	81✓	6.5	
Ethyl Benzene	0.811	81	0.975	98✓	18	L
m,p-Xylene	0.964	96	0.974	97✓	1.0	
o-Xylene	0.958	96	0.981	98✓	2.3	
Surrogate Recovery: Fluorobenzene		68%✓		97%✓		

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

NWTPH-G/BTEX

Date Extracted: 3-13-00 ✓
Date Analyzed: 3-13-00 ✓

Matrix: Water
Units: ug/L (ppb)

Client ID: URSSB-OP10-W
Lab ID: 03-095-17

	Result	Flags	PQL
MTBE	ND		1.0
Benzene	ND		1.0
Toluene	ND		1.0
Ethyl Benzene	ND		1.0
m,p-Xylene	ND		1.0
o-Xylene	ND		1.0
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	75% ✓		

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

NWTPH-G/BTEX
METHOD BLANK QUALITY CONTROL

Date Extracted: 3-14-00
Date Analyzed: 3-14-00

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0314W1

	Result	Flags	PQL
MTBE	ND ✓		1.0
Benzene	ND ✓		1.0
Toluene	ND ✓		1.0
Ethyl Benzene	ND ✓		1.0
m,p-Xylene	ND ✓		1.0
o-Xylene	ND ✓		1.0
TPH-Gas	ND ✓		100
Surrogate Recovery: Fluorobenzene	99% ✓		

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

**NWTPH-G/BTEX
 DUPLICATE QUALITY CONTROL**

Date Extracted: 3-14-00
 Date Analyzed: 3-14-00

Matrix: Water
 Units: ug/L (ppb)

Lab ID:	03-106-01 Original	03-106-01 Duplicate	RPD	Flags
MTBE	ND	ND	NA	
Benzene	ND	1.05	NA	
Toluene	ND	ND	NA	
Ethyl Benzene	ND	ND	NA	
m,p-Xylene	ND	ND	NA	
o-Xylene	2.27	2.15	5.3	
TPH-Gas	ND	ND	NA	
Surrogate Recovery: Fluorobenzene	58%	89%		

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

NWTPH-G/BTEX
 SB/SBD QUALITY CONTROL

Date Extracted: 3-14-00
 Date Analyzed: 3-14-00

Matrix: Water
 Units: ug/L (ppb)
 Spike Level: 50.0 ppb

Lab ID:	SB0314W1 Spike Blank	Percent Recovery	SB0314W1 DUP Duplicate	Percent Recovery	RPD
MTBE	45.3	91	41.1	82	9.8
Benzene	45.4	91	43.0	86	5.5
Toluene	46.3	93	43.5	87	6.4
Ethyl Benzene	45.4	91	41.9	84	8.1
m,p-Xylene	45.6	91	42.6	85	6.7
o-Xylene	46.3	93	43.0	86	7.4
Surrogate Recovery:					
Fluorobenzene	103%		97%		

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

NWTPH-Dx

Date Extracted: 3-14-00 ✓
 Date Analyzed: 3-14&15-00 ✓

Matrix: Soil
 Units: mg/Kg (ppm)

Client ID:	URSSB-OP3-6	URSSB-OP3-18	URSSB-OP4-8
Lab ID:	03-095-05	03-095-06	03-095-07
Diesel Fuel:	ND	ND	ND
PQL:	29	28	27
Heavy Oil:	ND	ND	ND
PQL:	59	56	54
Surrogate Recovery:			
o-Terphenyl	79% ✓	81% ✓	74% ✓

Flags:

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

NWTPH-Dx

Date Extracted: 3-14-00 ✓
Date Analyzed: 3-14-00 ✓

Matrix: Soil
Units: mg/Kg (ppm)

Client ID:	URSSB-OP8-8	URSSB-OP8-18
Lab ID:	03-095-13	03-095-14

Diesel Fuel:	ND	ND
PQL:	28	28

Heavy Oil:	ND	ND
PQL:	56	55

Surrogate Recovery:		
o-Terphenyl	75% ✓	63% ✓

Flags:

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 3-14-00
Date Analyzed: 3-14-00

Matrix: Soil
Units: mg/Kg (ppm)

Lab ID: 03-091-01 03-091-01 DUP

Diesel Fuel: ND ND
PQL: 25 25

RPD: N/A ✓

Surrogate Recovery:
o-Terphenyl 59% ✓ 72% ✓

Flags:

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

NWTPH-Dx

Date Extracted: 3-15-00 ✓
 Date Analyzed: 3-15-00 ✓

Matrix: Water
 Units: mg/L (ppm)

	URSSB-OP1-W	URSSB-OP3-W	URSSB-OP10-W
Client ID:			
Lab ID:	03-095-15	03-095-16	03-095-17
Diesel Fuel:	ND	ND	ND
PQL:	0.25	0.25	0.25
Heavy Oil:	ND	ND	ND
PQL:	0.50	0.50	0.50
Surrogate Recovery:			
o-Terphenyl	67% ✓	59% ✓	79% ✓

Flags:

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 3-15-00
Date Analyzed: 3-15-00

Matrix: Water
Units: mg/L (ppm)

Lab ID: 03-095-15 03-095-15 DUP

Diesel Fuel: ND ND
PQL: 0.25 0.25

RPD: N/A ✓

Surrogate Recovery: o-Terphenyl 67% ✓ 68% ✓

Flags:

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 03-095-02
 Client ID: URSSB-OP1-18

Compound	Results	Flags	PQL
Methyl Isobutyl Ketone	ND		0.28
Dibromochloromethane	ND		0.056
1,2-Dibromoethane	ND		0.056
Chlorobenzene	ND		0.056
1,1,1,2-Tetrachloroethane	ND		0.056
Ethylbenzene	ND		0.11
m,p-Xylene	ND		0.056
o-Xylene	ND		0.056
Styrene	ND		0.056
Bromoform	ND		0.056
Isopropylbenzene	ND		0.056
Bromobenzene	ND		0.056
1,1,2,2-Tetrachloroethane	ND		0.056
1,2,3-Trichloropropane	ND		0.056
n-Propylbenzene	ND		0.056
2-Chlorotoluene	ND		0.056
4-Chlorotoluene	ND		0.056
1,3,5-Trimethylbenzene	ND		0.056
tert-Butylbenzene	ND		0.056
1,2,4-Trimethylbenzene	ND		0.056
sec-Butylbenzene	ND		0.056
1,3-Dichlorobenzene	ND		0.056
p-Isopropyltoluene	ND		0.056
1,4-Dichlorobenzene	ND		0.056
1,2-Dichlorobenzene	ND		0.056
n-Butylbenzene	ND		0.28
1,2-Dibromo-3-chloropropane	ND		0.056
1,2,4-Trichlorobenzene	ND		0.056
Hexachlorobutadiene	ND		0.056
Naphthalene	ND		0.056
1,2,3-Trichlorobenzene	ND		0.056
	Percent Recovery		Control Limits
Surrogate	79 ✓		65-125
Dibromofluoromethane	90 ✓		77-116
Toluene-d8	81 ✓		67-133
4-Bromofluorobenzene			

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 03-095-04
 Client ID: URSSB-OP2-12

Compound	Results	Flags	PQL
Methyl Isobutyl Ketone	ND		0.27
Dibromochloromethane	ND		0.054
1,2-Dibromoethane	ND		0.054
Chlorobenzene	ND		0.054
1,1,1,2-Tetrachloroethane	ND		0.054
Ethylbenzene	ND		0.11
m,p-Xylene	ND		0.054
o-Xylene	ND		0.054
Styrene	ND		0.054
Bromoform	ND		0.054
Isopropylbenzene	ND		0.054
Bromobenzene	ND		0.054
1,1,2,2-Tetrachloroethane	ND		0.054
1,2,3-Trichloropropane	ND		0.054
n-Propylbenzene	ND		0.054
2-Chlorotoluene	ND		0.054
4-Chlorotoluene	ND		0.054
1,3,5-Trimethylbenzene	ND		0.054
tert-Butylbenzene	ND		0.054
1,2,4-Trimethylbenzene	ND		0.054
sec-Butylbenzene	ND		0.054
1,3-Dichlorobenzene	ND		0.054
p-Isopropyltoluene	ND		0.054
1,4-Dichlorobenzene	ND		0.054
1,2-Dichlorobenzene	ND		0.054
n-Butylbenzene	ND		0.27
1,2-Dibromo-3-chloropropane	ND		0.054
1,2,4-Trichlorobenzene	ND		0.054
Hexachlorobutadiene	ND		0.054
Naphthalene	ND		0.054
1,2,3-Trichlorobenzene	ND		0.054
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	118		65-125
Toluene-d8	102		77-116
4-Bromofluorobenzene	110		67-133

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 03-095-08
 Client ID: URSSB-OP5-12

Compound	Results	Flags	PQL
Methyl Isobutyl Ketone	ND		0.27
Dibromochloromethane	ND		0.054
1,2-Dibromoethane	ND		0.054
Chlorobenzene	ND		0.054
1,1,1,2-Tetrachloroethane	ND		0.054
Ethylbenzene	ND		0.11
m,p-Xylene	ND		0.054
o-Xylene	ND		0.054
Styrene	ND		0.054
Bromoform	ND		0.054
Isopropylbenzene	ND		0.054
Bromobenzene	ND		0.054
1,1,2,2-Tetrachloroethane	ND		0.054
1,2,3-Trichloropropane	ND		0.054
n-Propylbenzene	ND		0.054
2-Chlorotoluene	ND		0.054
4-Chlorotoluene	ND		0.054
1,3,5-Trimethylbenzene	ND		0.054
tert-Butylbenzene	ND		0.054
1,2,4-Trimethylbenzene	ND		0.054
sec-Butylbenzene	ND		0.054
1,3-Dichlorobenzene	ND		0.054
p-Isopropyltoluene	ND		0.054
1,4-Dichlorobenzene	ND		0.054
1,2-Dichlorobenzene	ND		0.054
n-Butylbenzene	ND		0.27
1,2-Dibromo-3-chloropropane	ND		0.054
1,2,4-Trichlorobenzene	ND		0.054
Hexachlorobutadiene	ND		0.054
Naphthalene	ND		0.054
1,2,3-Trichlorobenzene	ND		0.054
	Percent Recovery		Control Limits
Surrogate	122 ✓		65-125
Dibromofluoromethane	102 ✓		77-116
Toluene-d8	108 ✓		67-133
4-Bromofluorobenzene			

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 03-095-10
 Client ID: URSSB-OP6-20

Compound	Results	Flags	PQL
Methyl Isobutyl Ketone	ND		0.27
Dibromochloromethane	ND		0.054
1,2-Dibromoethane	ND		0.054
Chlorobenzene	ND		0.054
1,1,1,2-Tetrachloroethane	ND		0.054
Ethylbenzene	ND		0.11
m,p-Xylene	ND		0.054
o-Xylene	ND		0.054
Styrene	ND		0.054
Bromoform	ND		0.054
Isopropylbenzene	ND		0.054
Bromobenzene	ND		0.054
1,1,1,2-Tetrachloroethane	ND		0.054
1,2,3-Trichloropropane	ND		0.054
n-Propylbenzene	ND		0.054
2-Chlorotoluene	ND		0.054
4-Chlorotoluene	ND		0.054
1,3,5-Trimethylbenzene	ND		0.054
tert-Butylbenzene	ND		0.054
1,2,4-Trimethylbenzene	ND		0.054
sec-Butylbenzene	ND		0.054
1,3-Dichlorobenzene	ND		0.054
p-Isopropyltoluene	ND		0.054
1,4-Dichlorobenzene	ND		0.054
1,2-Dichlorobenzene	ND		0.054
n-Butylbenzene	ND		0.054
1,2-Dibromo-3-chloropropane	ND		0.27
1,2,4-Trichlorobenzene	ND		0.054
Hexachlorobutadiene	ND		0.054
Naphthalene	ND		0.054
1,2,3-Trichlorobenzene	ND		0.054
	Percent Recovery		Control Limits
Surrogate	120 ✓		65-125
Dibromofluoromethane	108 ✓		77-116
Toluene-d8	110 ✓		67-133
4-Bromofluorobenzene			

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL
 Page 2 of 2

Lab ID: MB0313S1

Compound	Results	Flags	PQL
Methyl Isobutyl Ketone	ND		0.25
Dibromochloromethane	ND		0.050
1,2-Dibromoethane	ND		0.050
Chlorobenzene	ND		0.050
1,1,1,2-Tetrachloroethane	ND		0.050
Ethylbenzene	ND		0.10
m,p-Xylene	ND		0.050
o-Xylene	ND		0.050
Styrene	ND		0.050
Bromoform	ND		0.050
Isopropylbenzene	ND		0.050
Bromobenzene	ND		0.050
1,1,2,2-Tetrachloroethane	ND		0.050
1,2,3-Trichloropropane	ND		0.050
n-Propylbenzene	ND		0.050
2-Chlorotoluene	ND		0.050
4-Chlorotoluene	ND		0.050
1,3,5-Trimethylbenzene	ND		0.050
tert-Butylbenzene	ND		0.050
1,2,4-Trimethylbenzene	ND		0.050
sec-Butylbenzene	ND		0.050
1,3-Dichlorobenzene	ND		0.050
p-Isopropyltoluene	ND		0.050
1,4-Dichlorobenzene	ND		0.050
1,2-Dichlorobenzene	ND		0.050
n-Butylbenzene	ND		0.25
1,2-Dibromo-3-chloropropane	ND		0.050
1,2,4-Trichlorobenzene	ND		0.050
Hexachlorobutadiene	ND		0.050
Naphthalene	ND		0.050
1,2,3-Trichlorobenzene	ND		0.050
	Percent Recovery		Control Limits
Surrogate	74 ✓		85-125
Dibromofluoromethane	111 ✓		77-116
Toluene-d8	98 ✓		67-133
4-Bromofluorobenzene			

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 page 1 of 2

Date Extracted: 3-17-00 ✓
 Date Analyzed: 3-17-00 ✓

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 03-095-15
 Client ID: URSSB-OP1-W

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl Chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		5.0
Acetone	ND		1.0
Carbon Disulfide	ND		5.0
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		5.0
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		20
2-Butanone	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		5.0
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	2.1		1.0
1,3-Dichloropropane	ND		1.0

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 page 1 of 2

Date Extracted: 3-17-00 ✓
 Date Analyzed: 3-17-00 ✓

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 03-095-16
 Client ID: URSSB-OP3-W

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl Chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		20
Acetone	ND		1.0
Carbon Disulfide	ND		5.0
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		5.0
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		20
2-Butanone	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		5.0
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	1.7		1.0
1,3-Dichloropropane	ND		1.0

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 page 1 of 2

Date Extracted: 3-17-00
 Date Analyzed: 3-17-00

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 03-095-17
 Client ID: URSSB-OP10-W

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl Chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Acetone	ND		20
Carbon Disulfide	ND		1.0
Methylene Chloride	ND		5.0
(trans) 1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
Vinyl Acetate	ND		5.0
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		1.0
2-Butanone	ND		20
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		1.0
2-Chloroethyl Vinyl Ether	ND		5.0
(cis) 1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	1.5		1.0
1,3-Dichloropropane	ND		1.0

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL
 page 1 of 2

Date Extracted: 3-17-00
 Date Analyzed: 3-17-00
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB0317W1/

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl Chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		5.0
Acetone	ND		1.0
Carbon Disulfide	ND		5.0
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		5.0
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		20
2-Butanone	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		5.0
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 3-17-00
 Date Analyzed: 3-17-00

Matrix: Water
 Units: ug/L (ppb)

Lab ID: SB0316W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	RPD	Flags
1,1-Dichloroethene	50.0	50.4	101	51.3	103	1.8	
Benzene	50.0	42.1	84	43.8	88	4.1	
Trichloroethene	50.0	43.6	87	46.4	93	6.2	
Toluene	50.0	51.0	102	49.4	99	3.2	
Chlorobenzene	50.0	48.5	97	49.3	99	1.7	

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 3-14-00 ✓
Date Analyzed: 3-14&15-00 ✓

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-095-14
Client ID: URSSB-0P8-18

Analyte	Method	Result	PQL
Arsenic	6010B	ND	11
Barium	6010B	44	2.7
Cadmium	6010B	ND	0.55
Chromium	6010B	18	0.55
Lead	6010B	ND	5.5
Mercury	7471A	ND	0.27
Selenium	6010B	ND	11
Silver	6010B	ND	0.55

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

**TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL**

Date Extracted: 3-14-00
Date Analyzed: 3-14,15&16-00

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-060-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA✓	10	
Barium	34.3	32.1	6.8✓	2.5	
Cadmium	ND	ND	NA✓	0.50	
Chromium	14.6	12.1	18✓	0.50	
Lead	ND	ND	NA✓	5.0	
Mercury	ND	ND	NA✓	0.25	
Selenium	ND	ND	NA✓	5.0	
Silver	ND	ND	NA✓	0.50	

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

Dissolved Metals
EPA 6010B/7000A Series

Date Filtered: 3-11-00 ✓
Date Analyzed: 3-16,20,&21-00 ✓

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-095-15
Client ID: URSSB-OP1-W

Analyte	Method	Result	PQL
Arsenic	7060A	19	3.0
Barium	6010B	ND	10
Cadmium	6010B	ND	4.0
Chromium	6010B	ND	10
Lead	7421A	ND	1.0
Mercury	7470A	ND	0.50
Selenium	7740A	ND	5.0
Silver	6010B	ND	10

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

Dissolved Metals
EPA 6010B/7000A Series

Date Filtered: 3-11-00 ✓
Date Analyzed: 3-16,20,&21-00 ✓

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-095-17
Client ID: URSSB-OP10-W

Analyte	Method	Result	PQL
Arsenic	7060A	ND	3.0
Barium	6010B	ND	10
Cadmium	6010B	ND	4.0
Chromium	6010B	ND	10
Lead	7421A	ND	1.0
Mercury	7470A	ND	0.50
Selenium	7740A	ND	5.0
Silver	6010B	ND	10

Date of Report: March 20, 2000
 Samples Submitted: March 13, 2000
 Lab Traveler: 03-095
 Project: 54-09900024.12

**Dissolved Metals
 EPA 6010B/7000A Series
 DUPLICATE QUALITY CONTROL**

Date Filtered: 3-11-00
 Date Analyzed: 3-16,20,&21-00

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 03-095-15

Analyte	Method	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	7060A	18.7	18.3	2.2 ✓	3.0	
Barium	6010B	ND	ND	NA ✓	10	
Cadmium	6010B	ND	ND	NA ✓	4.0	
Chromium	6010B	ND	ND	NA ✓	10	
Lead	7421A	ND	ND	NA ✓	1.0	
Mercury	7470A	ND	ND	NA ✓	0.50	
Selenium	7740A	ND	ND	NA ✓	5.0	
Silver	6010B	ND	ND	NA ✓	10	

Date of Report: March 20, 2000
Samples Submitted: March 13, 2000
Lab Traveler: 03-095
Project: 54-09900024.12

Date Analyzed: 3-14-00

% MOISTURE

Client ID	Lab ID	% Moisture
URSSB-OP1-6	03-095-01	11
URSSB-OP1-18	03-095-02	11
URSSB-OP2-12	03-095-04	8.0
URSSB-OP3-6	03-095-05	15
URSSB-OP3-18	03-095-06	11
URSSB-OP4-8	03-095-07	8.0
URSSB-OP5-12	03-095-08	8.0
URSSB-OP6-20	03-095-10	7.0
URSSB-OP7-16	03-095-12	7.0
URSSB-OP8-8	03-095-13	10
URSSB-OP8-18	03-095-14	9.0



DATA QUALIFIERS AND ABBREVIATIONS

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- D - Data from 1: _____ dilution.
- E - The value reported exceeds the quantitation range, and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- G - Insufficient sample quantity for duplicate analysis.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- O - Hydrocarbons outside the defined gasoline range are present in the sample; NWTPH-Dx recommended.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a silica gel cleanup procedure.
- Y - Sample extract treated with an acid cleanup procedure.
- Z -
- ND - Not Detected
MRL - Method Reporting Limit
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

OnSite Environmental Inc.
 14648 NE 95th Street, Redmond, WA 98052
 Fax (425) 885-1603 Phone (425) 885-3881

Company: URS Corp
 Project No.: 54 099 000 24 127 301
 Project Name: Wood Transit Expansion
 Project Manager: Richard Gorchman

Turnaround Request (in working days)
 Same Day 1 Day
 2 Day 3 Day
 Standard
 (Hydrocarbon analyses: 5 days, All other analyses: 7 days)
 3/20 - 3/21 (other)

Laboratory No. **03 - 095**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH:HCID	NWTPH:GXBTX	NWTPH:DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C	PCBs by 8082	Pesticides by 8081	Total RCRA Metals (8)	TCLP Metals	VPH	EPH	% Moisture
1	URS-SB-OP1-6	3/13/00	1100	Soil	4	X	X	X	X										X
2	URS-SB-OP1-18		0900			X	X	X	X										X
3	URS-SB-OP2-6		0900			X	X	X	X										X
4	URS-SB-OP2-12		1100			X	X	X	X										X
5	URS-SB-OP3-6		1100			X	X	X	X										X
6	URS-SB-OP3-18		1130			X	X	X	X										X
7	URS-SB-OP4-8		1230			X	X	X	X										X
8	URS-SB-OP5-1412		1320			X	X	X	X										X
9	URS-SB-OP6-8		1400			X	X	X	X										X
10	URS-SB-OP6-20		1440			X	X	X	X										X
11	URS-SB-OP7-8		1500			X	X	X	X										X
12	URS-SB-OP7-16		1500			X	X	X	X										X
RELINQUISHED BY: <u>John Kemp</u> DATE: <u>3/13/00</u> TIME: <u>1020</u>						RECEIVED BY: <u>[Signature]</u> DATE: <u>3/13/00</u> TIME: <u>1028</u>													
FIRM: <u>URS Greiner</u>						FIRM: <u>OSE</u>													
RELINQUISHED BY:						RECEIVED BY:													
FIRM:						FIRM:													
REVIEWED BY:						DATE REVIEWED:													

Requested Analysis: _____
 COMMENTS: _____
 Chromatographs with final report



OnSite Environmental Inc.
 14924 NE 31st Circle • Redmond, WA 98052
 Fax: (206) 885-4603 • Phone: (206) 883-3881

Company: URS Greiner
 Project No: 54-09900024-127 #1
 Project Name: Sound Transit-Optimer
 Project Manager: Kathleen Goodman

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
13	URSSB-OPB-8	3/11/00	1530	Soil	4
14	URSSB-OPB-18		1550	Soil	4
15	URSSB-OP1-W		0920	W	6
16	URSSB-OP3-W		1110	W	6
17	URSSB-OP10-W		1700	W	6

Project Chemist: DB Laboratory No. 03-095

Requested Analysis

WTPH-418.1	WTPH-D	WTPH-G/BTEX	WTPH-HCD	Volatiles by 8240/624	Volatiles by 8260	Chlorinated Volatiles by 8240/8260/824	Semivolatiles by 8270/625	PAHs by 8270/625	PCBs by 8080/608	Total RCRA Metals (8)	TCLP Metals	Dissolved Metals	MTBF	% Moisture
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Turn-Around Requested (Check One)
 Same Day
 24 Hours
 48 Hours
 Standard
 Date: 3/20
 Other: DB

RELEASING BY: John Rapp DATE: 3/13/00 RECEIVED BY: W. Wald
 FIRM: URS Greiner TIME: 10:20 FIRM: OSK
 RELEASING BY: DATE: TIME: RECEIVED BY: DATE: TIME:
 FIRM: FIRM: DATE REVIEWED:

COMMENTS: Water samples were field filtered.

DISTRIBUTION LEGEND: White - OnSite Yellow - Report Copy Pink - Client Copy

Data from 3/11/09 VRJ Rpt.



Fremont
Analytical

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URS Corporation
Attn: David Raubvogel
1501 4th Ave. Ste 1400
Seattle, WA 98101

RE: SRO
Fremont Project No: CHM080825-2
URS Project No: 33761152

August 29th, 2008

Attn:

Enclosed are the analytical results for the **SRO** soil and water samples delivered to Fremont Analytical on August 25th, 26th & 27th 2008.

The samples were received in good condition – in the proper containers, properly sealed, labeled and within holding times. The water sample was contained in 3 – 40mL VOA's preserved with HCl. The soil samples arrived in 4oz. soil jars, with 2 – 40mL VOA's (preserved with MeOH). The samples were received in coolers with wet ice, with temperatures <4°C, which is within the laboratory recommended cooler temperature range (<4°C - 10°C). The samples were extracted, analyzed and then stored in refrigeration units at the USEPA-recommended temperature of 4°C ± 2°C. There were no sample receipt issues to report.

Examination was conducted for the presence of the following:

- **Volatile Organic Compounds in Soil & Water by EPA Method 8260C**
- **Gasoline (NWTPH-Gx) in Soil & Water**

These applications were performed under Washington State Department of Ecology accreditation parameters. All appropriate Quality Assurance / Quality Control method parameters have been applied.

Notation EPA Method 8260C (Water): The Matrix Spike Duplicate (MSD) for 1,1-Dichloroethene was slightly lower than the laboratory QC Limit. The MS and Laboratory Control Sample (LCS) were within range, proving the analysis in control. The water sample results were also "non-detect" for 1,1-Dichloroethene.

Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical!

Sincerely,

Michael Dee
Sr. Chemist / Principal
mikedee@fremontanalytical.com

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SRO_00651



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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	Method Blank	LCS	MW-1-15	MW-1-27.5	SB-1-10	SB-1-30	Duplicate	RPD
								SB-1-30	
Date Preserved		8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	%
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	
Matrix		Soil		Soil	Soil	Soil	Soil	Soil	
Dichlorodifluoromethane	0.06	nd		nd	nd	nd	nd	nd	
Chloromethane	0.06	nd		nd	nd	nd	nd	nd	
Vinyl chloride *	0.002	nd		nd	nd	nd	nd	nd	
Bromomethane	0.09	nd		nd	nd	nd	nd	nd	
Chloroethane	0.06	nd		nd	nd	nd	nd	nd	
Trichlorofluoromethane	0.05	nd		nd	nd	nd	nd	nd	
1,1-Dichloroethene	0.05	nd	70%	nd	nd	nd	nd	nd	
Methylene chloride	0.02	nd		nd	nd	nd	nd	nd	
trans-1,2-Dichloroethene	0.02	nd		nd	nd	nd	nd	nd	
1,1-Dichloroethane	0.02	nd		nd	nd	nd	nd	nd	
2,2-Dichloropropane	0.05	nd		nd	nd	nd	nd	nd	
cis-1,2-Dichloroethene	0.02	nd		nd	nd	nd	nd	nd	
Chloroform	0.02	nd		nd	nd	nd	nd	nd	
1,1-Dichloropropene	0.02	nd		nd	nd	nd	nd	nd	
Carbon tetrachloride	0.02	nd		nd	nd	nd	nd	nd	
1,1,1-Trichloroethane (TCA)	0.02	nd		nd	nd	nd	nd	nd	
Benzene	0.02	nd	93%	nd	nd	nd	nd	nd	
1,2-Dichloroethane (EDC)	0.03	nd		nd	nd	nd	nd	nd	
Trichloroethene (TCE)	0.03	nd	92%	nd	nd	nd	nd	nd	
1,2-Dichloropropane	0.02	nd		nd	nd	nd	nd	nd	

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



Fremont

ANALYTICAL

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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO

Client: URS Corporation

Client Project #: 33761152

Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	Method Blank	LCS	MW-1-15	MW-1-27.5	SB-1-10	SB-1-30	Duplicate	RPD
								SB-1-30	
Date Preserved		8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	%
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	
Matrix		Soil		Soil	Soil	Soil	Soil	Soil	
Dibromomethane	0.04	nd		nd	nd	nd	nd	nd	
Bromodichloromethane	0.02	nd		nd	nd	nd	nd	nd	
cis-1,3-Dichloropropene	0.02	nd		nd	nd	nd	nd	nd	
Toluene	0.02	nd	100%	nd	nd	nd	nd	nd	
Trans-1,3-Dichloropropene	0.03	nd		nd	nd	nd	nd	nd	
1,1,2-Trichloroethane	0.03	nd		nd	nd	nd	nd	nd	
Tetrachloroethene (PCE)	0.02	nd		nd	0.41	nd	0.22	0.24	9%
1,3-Dichloropropane	0.05	nd		nd	nd	nd	nd	nd	
Dibromochloromethane	0.03	nd		nd	nd	nd	nd	nd	
1,2-Dibromoethane (EDB) *	0.005	nd		nd	nd	nd	nd	nd	
Chlorobenzene	0.02	nd	117%	nd	nd	nd	nd	nd	
1,1,1,2-Tetrachloroethane	0.03	nd		nd	nd	nd	nd	nd	
Ethylbenzene	0.03	nd		nd	nd	nd	nd	nd	
Total Xylenes	0.03	nd		nd	nd	nd	nd	nd	
Styrenes	0.02	nd		nd	nd	nd	nd	nd	
Bromoform	0.02	nd		nd	nd	nd	nd	nd	
Isopropylbenzene	0.08	nd		nd	nd	nd	nd	nd	
1,2,3-Trichloropropane	0.02	nd		nd	nd	nd	nd	nd	
Bromobenzene	0.03	nd		nd	nd	nd	nd	nd	
1,1,2,2-Tetrachloroethane	0.02	nd		nd	nd	nd	nd	nd	

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"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

"MSD" Indicates Matrix Spike Duplicate

"RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogate = 65% to 135%

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Surrogates and Spike Concentration = 25 ug/L

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SRO_00653



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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	Method Blank	LCS	MW-1-15	MW-1-27.5	SB-1-10	SB-1-30	Duplicate	RPD
								SB-1-30	
Date Preserved		8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	%
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	
n-Propylbenzene	0.02	nd		nd	nd	nd	nd	nd	
2-Chlorotoluene	0.02	nd		nd	nd	nd	nd	nd	
4-Chlorotoluene	0.02	nd		nd	nd	nd	nd	nd	
1,3,5-Trimethylbenzene	0.02	nd		nd	nd	nd	nd	nd	
tert-Butylbenzene	0.02	nd		nd	nd	nd	nd	nd	
1,2,4-Trimethylbenzene	0.02	nd		nd	nd	nd	nd	nd	
sec-Butylbenzene	0.02	nd		nd	nd	nd	nd	nd	
1,3-Dichlorobenzene	0.02	nd		nd	nd	nd	nd	nd	
4-Isopropyltoluene	0.02	nd		nd	nd	nd	nd	nd	
1,4-Dichlorobenzene	0.02	nd		nd	nd	nd	nd	nd	
1,2-Dichlorobenzene	0.02	nd		nd	nd	nd	nd	nd	
n-Butylbenzene	0.02	nd		nd	nd	nd	nd	nd	
1,2-Dibromo-3-Chloropropane	0.03	nd		nd	nd	nd	nd	nd	
1,2,4-Trichlorobenzene	0.05	nd		nd	nd	nd	nd	nd	
Hexachloro-1,3-butadiene	0.10	nd		nd	nd	nd	nd	nd	
Naphthalene	0.03	nd		nd	nd	nd	nd	nd	
1,2,3-Trichlorobenzene	1.0	nd		nd	nd	nd	nd	nd	

Surrogate Recovery

Dibromofluoromethane	83%	89%	97%	97%	109%	104%	99%
Toluene-d8	79%	75%	96%	95%	104%	97%	95%
1-Bromo-4-fluorobenzene	92%	94%	97%	100%	107%	99%	97%

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"RPD" Indicates Relative Percent Difference

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Surrogates and Spike Concentration = 25 ug/L



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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	Duplicate					RPD
		SB-1-45	SB-1-75	SB-2-10	SB-2-27.5	SB-2-27.5	
Date Preserved		8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	%
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	
Matrix		Soil	Soil	Soil	Soil	Soil	
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	
Chloromethane	0.06	nd	nd	nd	nd	nd	
Vinyl chloride *	0.002	nd	nd	nd	nd	nd	
Bromomethane	0.09	nd	nd	nd	nd	nd	
Chloroethane	0.06	nd	nd	nd	nd	nd	
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	
Methylene chloride	0.02	nd	nd	nd	nd	nd	
trans-1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	
cis-1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	
Chloroform	0.02	nd	nd	nd	nd	nd	
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	
Benzene	0.02	nd	nd	nd	nd	nd	
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	

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EPA 8260B (mg/kg)	MRL	Duplicate					RPD
		SB-1-45	SB-1-75	SB-2-10	SB-2-27.5	SB-2-27.5	
Date Preserved		8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	%
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	
Matrix		Soil	Soil	Soil	Soil	Soil	
Dibromomethane	0.04	nd	nd	nd	nd	nd	
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	
Toluene	0.02	nd	nd	nd	nd	nd	
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	
Tetrachloroethene (PCE)	0.02	0.05	nd	nd	0.07	0.07	0%
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	
Chlorobenzene	0.02	nd	nd	nd	nd	nd	
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	
Ethylbenzene	0.03	nd	nd	nd	nd	nd	
Total Xylenes	0.03	nd	nd	nd	nd	nd	
Styrenes	0.02	nd	nd	nd	nd	nd	
Bromoform	0.02	nd	nd	nd	nd	nd	
Isopropylbenzene	0.08	nd	nd	nd	nd	nd	
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	
Bromobenzene	0.03	nd	nd	nd	nd	nd	
1,1,1,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	

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EPA 8260B (mg/kg)	MRL	Duplicate					RPD
		SB-1-45	SB-1-75	SB-2-10	SB-2-27.5	SB-2-27.5	
Date Preserved		8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	%
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	
Matrix		Soil	Soil	Soil	Soil	Soil	
n-Propylbenzene	0.02	nd	nd	nd	nd	nd	
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	
tert-Butylbenzene	0.02	nd	nd	nd	nd	nd	
1,2,4-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	
sec-Butylbenzene	0.02	nd	nd	nd	nd	nd	
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	
4-Isopropyltoluene	0.02	nd	nd	nd	nd	nd	
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	
n-Butylbenzene	0.02	nd	nd	nd	nd	nd	
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	nd	nd	
1,2,4-Trichlorobenzene	0.05	nd	nd	nd	nd	nd	
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	
Naphthalene	0.03	nd	nd	nd	nd	nd	
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	
Surrogate Recovery							
Dibromofluoromethane		90%	94%	90%	96%	96%	
Toluene-d8		85%	85%	82%	89%	89%	
1-Bromo-4-fluorobenzene		98%	99%	94%	98%	97%	

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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

Duplicate

EPA 8260B (mg/kg)	MRL	MW-4-12.5	MW-4-12.5	RPD	MW-4-30	MW-3-17.5	MW-3-27.5
Date Preserved		8/26/08	8/26/08	%	8/26/08	8/26/08	8/26/08
Date Analyzed		8/28/08	8/28/08		8/29/08	8/28/08	8/28/08
Matrix		Soil	Soil		Soil	Soil	Soil
Dichlorodifluoromethane	0.06	nd	nd		nd	nd	nd
Chloromethane	0.06	nd	nd		nd	nd	nd
Vinyl chloride *	0.002	nd	nd		nd	nd	nd
Bromomethane	0.09	nd	nd		nd	nd	nd
Chloroethane	0.06	nd	nd		nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd		nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd		nd	nd	nd
Methylene chloride	0.02	nd	nd		nd	nd	nd
trans-1,2-Dichloroethene	0.02	nd	nd		nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd		nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd		nd	nd	nd
cis-1,2-Dichloroethene	0.02	nd	nd		nd	nd	nd
Chloroform	0.02	nd	nd		nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd		nd	nd	nd
Carbon tetrachloride	0.02	nd	nd		nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd		nd	nd	nd
Benzene	0.02	nd	nd		nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd		nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd		nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd		nd	nd	nd

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Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	Duplicate		RPD	MW-4-30	MW-3-17.5	MW-3-27.5
		MW-4-12.5	MW-4-12.5				
Date Preserved		8/26/08	8/26/08	%	8/26/08	8/26/08	8/26/08
Date Analyzed		8/28/08	8/28/08		8/29/08	8/28/08	8/28/08
Matrix		Soil	Soil		Soil	Soil	Soil
Dibromomethane	0.04	nd	nd		nd	nd	nd
Bromodichloromethane	0.02	nd	nd		nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd		nd	nd	nd
Toluene	0.02	nd	nd		nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd		nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd		nd	nd	nd
Tetrachloroethene (PCE)	0.02	0.17	0.17	0%	0.12	nd	nd
1,3-Dichloropropane	0.05	nd	nd		nd	nd	nd
Dibromochloromethane	0.03	nd	nd		nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd		nd	nd	nd
Chlorobenzene	0.02	nd	nd		nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd		nd	nd	nd
Ethylbenzene	0.03	nd	nd		nd	nd	nd
Total Xylenes	0.03	nd	nd		nd	nd	nd
Styrenes	0.02	nd	nd		nd	nd	nd
Bromoform	0.02	nd	nd		nd	nd	nd
Isopropylbenzene	0.08	nd	nd		nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd		nd	nd	nd
Bromobenzene	0.03	nd	nd		nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd		nd	nd	nd

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Client: URS Corporation
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Lab Project #: CHM080825-2

Duplicate

EPA 8260B (mg/kg)	MRL	MW-4-12.5	MW-4-12.5	RPD	MW-4-30	MW-3-17.5	MW-3-27.5
Date Preserved		8/26/08	8/26/08	%	8/26/08	8/26/08	8/26/08
Date Analyzed		8/28/08	8/28/08		8/29/08	8/28/08	8/28/08
Matrix		Soil	Soil		Soil	Soil	Soil
n-Propylbenzene	0.02	nd	nd		nd	nd	nd
2-Chlorotoluene	0.02	nd	nd		nd	nd	nd
4-Chlorotoluene	0.02	nd	nd		nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd		nd	nd	nd
tert-Butylbenzene	0.02	nd	nd		nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd		nd	nd	nd
sec-Butylbenzene	0.02	nd	nd		nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd		nd	nd	nd
4-Isopropyltoluene	0.02	nd	nd		nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd		nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd		nd	nd	nd
n-Butylbenzene	0.02	nd	nd		nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd		nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd		nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd		nd	nd	nd
Naphthalene	0.03	nd	nd		nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd		nd	nd	nd

Surrogate Recovery

Dibromofluoromethane	100%	98%	83%	101%	99%
Toluene-d8	90%	90%	74%	98%	88%
1-Bromo-4-fluorobenzene	99%	98%	93%	102%	100%

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 MRL Indicates Method Reporting Limit
 LCS Indicates Laboratory Control Sample
 MS Indicates Matrix Spike
 MSD Indicates Matrix Spike Duplicate
 RPD Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
 Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	Duplicate					
		SB-3-17.5	SB-3-22.5	MW-2-15	MW-2-27.5	MW-2-27.5	SB-4-17.5
Date Preserved		8/26/08	8/26/08	8/27/08	8/27/08	8/27/08	8/27/08
Date Analyzed		8/29/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride *	0.002	nd	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd

"nd" Indicates not detected at listed reporting limits

"int" Indicates that interference prevents determination

* Instrument Detection Limit

"J" Indicates estimated value

"MRL" Indicates Method Reporting Limit

"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

"MSD" Indicates Matrix Spike Duplicate

"RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 ug/L



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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	Duplicate					
		SB-3-17.5	SB-3-22.5	MW-2-15	MW-2-27.5	MW-2-27.5	SB-4-17.5
Date Preserved		8/26/08	8/26/08	8/27/08	8/27/08	8/27/08	8/27/08
Date Analyzed		8/29/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Dibromomethane	0.04	nd	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	0.05	0.07	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EOB) *	0.005	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd	nd	nd	nd
Styrenes	0.02	nd	nd	nd	nd	nd	nd
Bromoform	0.02	nd	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	nd

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	Duplicate					
		SB-3-17.5	SB-3-22.5	MW-2-15	MW-2-27.5	MW-2-27.5	SB-4-17.5
Date Preserved		8/26/08	8/26/08	8/27/08	8/27/08	8/27/08	8/27/08
Date Analyzed		8/29/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
n-Propylbenzene	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
4-Isopropyltoluene	0.02	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	nd
Naphthalene	0.03	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	nd

Surrogate Recovery

Dibromofluoromethane	97%	100%	97%	96%	97%	90%
Toluene-d8	80%	89%	88%	85%	88%	82%
1-Bromo-4-fluorobenzene	99%	99%	99%	103%	99%	97%

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 *MS" Indicates Matrix Spike
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 LCS, LCSD, MS, MSD = 65% to 135%
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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	MS		MSD		RPD
		SB-4-30	MW-2-27.5	MW-2-27.5		
Date Preserved		8/27/08	8/25/08	8/25/08		%
Date Analyzed		8/28/08	8/29/08	8/29/08		
Matrix		Soil	Soil	Soil		
Dichlorodifluoromethane	0.06	nd				
Chloromethane	0.06	nd				
Vinyl chloride *	0.002	nd				
Bromomethane	0.09	nd				
Chloroethane	0.06	nd				
Trichlorofluoromethane	0.05	nd				
1,1-Dichloroethene	0.05	nd	75%	64%	16%	
Methylene chloride	0.02	nd				
trans-1,2-Dichloroethene	0.02	nd				
1,1-Dichloroethane	0.02	nd				
2,2-Dichloropropane	0.05	nd				
cis-1,2-Dichloroethene	0.02	nd				
Chloroform	0.02	nd				
1,1-Dichloropropene	0.02	nd				
Carbon tetrachloride	0.02	nd				
1,1,1-Trichloroethane (TCA)	0.02	nd				
Benzene	0.02	nd	100%	87%	14%	
1,2-Dichloroethane (EDC)	0.03	nd				
Trichloroethene (TCE)	0.03	nd	99%	82%	19%	
1,2-Dichloropropane	0.02	nd				

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 "J" Indicates estimated value
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 "MS" Indicates Matrix Spike
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 "RPD" Indicates Relative Percent Difference

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 Acceptable Recovery Limits:

Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	MS		MSD	RPD
		SB-4-30	MW-2-27.5	MW-2-27.5	
Date Preserved		8/27/08	8/25/08	8/25/08	%
Date Analyzed		8/28/08	8/29/08	8/29/08	
Matrix		Soil	Soil	Soil	
Dibromomethane	0.04	nd			
Bromodichloromethane	0.02	nd			
cis-1,3-Dichloropropene	0.02	nd			
Toluene	0.02	nd	110%	94%	16%
Trans-1,3-Dichloropropene	0.03	nd			
1,1,2-Trichloroethane	0.03	nd			
Tetrachloroethene (PCE)	0.02	nd			
1,3-Dichloropropane	0.05	nd			
Dibromochloromethane	0.03	nd			
1,2-Dibromoethane (EDB) *	0.005	nd			
Chlorobenzene	0.02	nd	128%	111%	14%
1,1,1,2-Tetrachloroethane	0.03	nd			
Ethylbenzene	0.03	nd			
Total Xylenes	0.03	nd			
Styrenes	0.02	nd			
Bromoform	0.02	nd			
Isopropylbenzene	0.08	nd			
1,2,3-Trichloropropane	0.02	nd			
Bromobenzene	0.03	nd			
1,1,2,2-Tetrachloroethane	0.02	nd			

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 Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (mg/kg)	MRL	MS		MSD	RPD
		SB-4-30	MW-2-27.5	MW-2-27.5	
Date Preserved		8/27/08	8/25/08	8/25/08	%
Date Analyzed		8/28/08	8/29/08	8/29/08	
Matrix		Soil	Soil	Soil	
n-Propylbenzene	0.02	nd			
2-Chlorotoluene	0.02	nd			
4-Chlorotoluene	0.02	nd			
1,3,5-Trimethylbenzene	0.02	nd			
tert-Butylbenzene	0.02	nd			
1,2,4-Trimethylbenzene	0.02	nd			
sec-Butylbenzene	0.02	nd			
1,3-Dichlorobenzene	0.02	nd			
4-Isopropyltoluene	0.02	nd			
1,4-Dichlorobenzene	0.02	nd			
1,2-Dichlorobenzene	0.02	nd			
n-Butylbenzene	0.02	nd			
1,2-Dibromo-3-Chloropropane	0.03	nd			
1,2,4-Trichlorobenzene	0.05	nd			
Hexachloro-1,3-butadiene	0.10	nd			
Naphthalene	0.03	nd			
1,2,3-Trichlorobenzene	1.0	nd			

Surrogate Recovery

Dibromofluoromethane	92%	92%	88%
Toluene-d8	84%	79%	76%
1-Bromo-4-fluorobenzene	98%	94%	93%

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 Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO

Client: URS Corporation

Client Project #: 33761152

Lab Project #: CHM080825-2

EPA 8260B (ug/L)	MRL	Method Blank	LCS	Duplicate		RPD
				SB-3-082708	SB-3-082708	
Date Analyzed		8/29/08	8/29/08	8/29/08	8/29/08	
Matrix				Water	Water	
Dichlorodifluoromethane	1.0	nd		nd	nd	
Chloromethane	1.0	nd		nd	nd	
Vinyl chloride *	0.2	nd		nd	nd	
Bromomethane	1.0	nd		nd	nd	
Chloroethane	1.0	nd		nd	nd	
Trichlorofluoromethane	1.0	nd		nd	nd	
1,1-Dichloroethene	1.0	nd	70%	nd	nd	
Methylene chloride	1.0	nd		nd	nd	
trans-1,2-Dichloroethene	1.0	nd		nd	nd	
1,1-Dichloroethane	1.0	nd		nd	nd	
2,2-Dichloropropane	2.0	nd		nd	nd	
cis-1,2-Dichloroethene	1.0	nd		nd	nd	
Chloroform	1.0	nd		nd	nd	
1,1-Dichloropropene	1.0	nd		nd	nd	
Carbon tetrachloride	1.0	nd		nd	nd	
1,1,1-Trichloroethane (TCA)	1.0	nd		nd	nd	
Benzene	1.0	nd	93%	nd	nd	
1,2-Dichloroethane (EDC)	1.0	nd		nd	nd	
Trichloroethene (TCE)	1.0	nd	92%	nd	nd	
1,2-Dichloropropane	1.0	nd		nd	nd	

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LCS, LCSD, MS, MSD = 65% to 135%

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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (ug/L)	MRL	Method Blank	LCS	Duplicate		RPD
				SB-3-082708	SB-3-082708	
Date Analyzed		8/29/08	8/29/08	8/29/08	8/29/08	
Matrix				Water	Water	
Dibromomethane	1.0	nd		nd	nd	
Bromodichloromethane	1.0	nd		nd	nd	
cis-1,3-Dichloropropene	1.0	nd		nd	nd	
Toluene	1.0	nd	100%	nd	nd	
Trans-1,3-Dichloropropene	1.0	nd		nd	nd	
1,1,2-Trichloroethane	1.0	nd		nd	nd	
Tetrachloroethene (PCE)	1.0	nd		21	20	5%
1,3-Dichloropropane	1.0	nd		nd	nd	
Dibromochloromethane	1.0	nd		nd	nd	
1,2-Dibromoethane (EDB) *	0.01	nd		nd	nd	
Chlorobenzene	1.0	nd	117%	nd	nd	
1,1,1,2-Tetrachloroethane	1.0	nd		nd	nd	
Ethylbenzene	1.0	nd		nd	nd	
Total Xylenes	1.0	nd		nd	nd	
Styrenes	1.0	nd		nd	nd	
Bromoform	1.0	nd		nd	nd	
Isopropylbenzene	2.0	nd		nd	nd	
1,2,3-Trichloropropane	1.0	nd		nd	nd	
Bromobenzene	1.0	nd		nd	nd	
1,1,1,2-Tetrachloroethane	1.0	nd		nd	nd	

"nd" Indicates not detected at listed reporting limits
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 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
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 "RPD" Indicates Relative Percent Difference

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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (ug/L)	MRL	Method Blank	LCS	Duplicate		RPD
				SB-3-082708	SB-3-082708	
Date Analyzed		8/29/08	8/29/08	8/29/08	8/29/08	
Matrix				Water	Water	
n-Propylbenzene	1.0	nd		nd	nd	
2-Chlorotoluene	1.0	nd		nd	nd	
4-Chlorotoluene	1.0	nd		nd	nd	
1,3,5-Trimethylbenzene	1.0	nd		nd	nd	
tert-Butylbenzene	1.0	nd		nd	nd	
1,2,4-Trimethylbenzene	1.0	nd		nd	nd	
sec-Butylbenzene	1.0	nd		nd	nd	
1,3-Dichlorobenzene	1.0	nd		nd	nd	
4-Isopropyltoluene	1.0	nd		nd	nd	
1,4-Dichlorobenzene	1.0	nd		nd	nd	
1,2-Dichlorobenzene	1.0	nd		nd	nd	
n-Butylbenzene	1.0	nd		nd	nd	
1,2-Dibromo-3-Chloropropane	1.0	nd		nd	nd	
1,2,4-Trichlorobenzene	2.0	nd		nd	nd	
Hexachloro-1,3-butadiene	4.0	nd		nd	nd	
Naphthalene	4.0	nd		nd	nd	
1,2,3-Trichlorobenzene	4.0	nd		nd	nd	

Surrogate Recovery

Dibromofluoromethane	97%	89%	89%	91%
Toluene-d8	94%	75%	78%	80%
1-Bromo-4-fluorobenzene	96%	94%	96%	96%

"nd" Indicates not detected at listed reporting limits
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 * Instrument Detection Limit
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 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (ug/L)	MRL	MS	MSD	RPD
		SB-3-082708	SB-3-082708	
Date Analyzed		8/29/08	8/29/08	
Matrix		Water	Water	
Dichlorodifluoromethane	1.0			
Chloromethane	1.0			
Vinyl chloride *	0.2			
Bromomethane	1.0			
Chloroethane	1.0			
Trichlorofluoromethane	1.0			
1,1-Dichloroethene	1.0	65%	59%	10%
Methylene chloride	1.0			
trans-1,2-Dichloroethene	1.0			
1,1-Dichloroethane	1.0			
2,2-Dichloropropane	2.0			
cis-1,2-Dichloroethene	1.0			
Chloroform	1.0			
1,1-Dichloropropene	1.0			
Carbon tetrachloride	1.0			
1,1,1-Trichloroethane (TCA)	1.0			
Benzene	1.0	88%	82%	7%
1,2-Dichloroethane (EDC)	1.0			
Trichloroethene (TCE)	1.0	85%	81%	5%
1,2-Dichloropropane	1.0			

*"nd" Indicates not detected at listed reporting limit

*"int" Indicates that interference prevents determination

* Instrument Detection Limit

*"J" Indicates estimated value

*"MRL" Indicates Method Reporting Limit

*"LCS" Indicates Laboratory Control Sample

*"MS" Indicates Matrix Spike

*"MSD" Indicates Matrix Spike Duplicate

*"RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30

Acceptable Recovery Limits:

Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (ug/L)	MRL	MS	MSD	RPD
		SB-3-082708	SB-3-082708	
Date Analyzed		8/29/08	8/29/08	
Matrix		Water	Water	
Dibromomethane	1.0			
Bromodichloromethane	1.0			
cis-1,3-Dichloropropene	1.0			
Toluene	1.0	95%	90%	5%
Trans-1,3-Dichloropropene	1.0			
1,1,2-Trichloroethane	1.0			
Tetrachloroethene (PCE)	1.0			
1,3-Dichloropropane	1.0			
Dibromochloromethane	1.0			
1,2-Dibromoethane (EDB) *	0.01			
Chlorobenzene	1.0	112%	106%	6%
1,1,1,2-Tetrachloroethane	1.0			
Ethylbenzene	1.0			
Total Xylenes	1.0			
Styrenes	1.0			
Bromoform	1.0			
Isopropylbenzene	2.0			
1,2,3-Trichloropropane	1.0			
Bromobenzene	1.0			
1,1,2,2-Tetrachloroethane	1.0			

"nd" Indicates not detected at listed reporting limit
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30
Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

EPA 8260B (ug/L)	MS		MSD	RPD
	MRL	SB-3-082708	SB-3-082708	
Date Analyzed		8/29/08	8/29/08	
Matrix		Water	Water	

n-Propylbenzene	1.0
2-Chlorotoluene	1.0
4-Chlorotoluene	1.0
1,3,5-Trimethylbenzene	1.0
tert-Butylbenzene	1.0
1,2,4-Trimethylbenzene	1.0
sec-Butylbenzene	1.0
1,3-Dichlorobenzene	1.0
4-Isopropyltoluene	1.0
1,4-Dichlorobenzene	1.0
1,2-Dichlorobenzene	1.0
n-Butylbenzene	1.0
1,2-Dibromo-3-Chloropropane	1.0
1,2,4-Trichlorobenzene	2.0
Hexachloro-1,3-butadiene	4.0
Naphthalene	4.0
1,2,3-Trichlorobenzene	4.0

Surrogate Recovery

Dibromofluoromethane	89%	91%
Toluene-d8	77%	78%
1-Bromo-4-fluorobenzene	94%	95%

"nd" Indicates not detected at listed reporting limit
 "int" Indicates that interference prevents determin
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30
 Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



Analysis of Gasoline (NWTPH-Gx) in Soil

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

NWTPH-Gx (mg/kg)	MRL	Method Blank	LCS	MW-1-15	MW-1-27.5	SB-1-10	SB-1-30	SB-1-45
Date Preserved		8/26/08	8/25/08	8/25/08	8/25/08	8/25/08	8/25/08	8/25/08
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08
Matrix		Soil		Soil	Soil	Soil	Soil	Soil
NWTPH-Gx (mg/kg)								
Gasoline	10	nd	88%	nd	nd	nd	nd	nd
Gasoline Range Hydrocarbons (GRO)*	10	nd		nd	nd	nd	nd	nd
Surrogate Recovery								
(Surr 1) a,a,a-Trifluorotoluene		107%	102%	111%	104%	102%	102%	122%
(Surr 2) Bromofluorobenzene		97%	105%	100%	95%	96%	96%	113%
"nd" Indicates not detected at listed reporting limits "C" Indicates coelution prevents determination "J" Indicates estimated value "MRL" Indicates Method Reporting Limits "*" Indicates presence of petroleum distillate								

Acceptable RPD % is determined to be less than 30%
 Acceptable Recovery Limits for Surrogate: 65% to 135%
 Surrogate Concentration = 25 ug/L
 GRO = C6-C12



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Analysis of Gasoline (NWTPH-Gx) in Soil

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

Duplicate

NWTPH-Gx (mg/kg)	MRL	SB-1-75	SB-1-75	SB-2-10	SB-2-27.5	MW-4-12.5	MW-4-30
Date Preserved		8/25/08	8/25/08	8/25/08	8/25/08	8/26/08	8/26/08
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08
Matrix		Soil	Soil	Soil	Soil	Soil	Soil

NWTPH-Gx (mg/kg)

Gasoline	10	nd	nd	nd	nd	nd	nd
Gasoline Range Hydrocarbons (GRO)*	10	nd	nd	nd	nd	nd	nd

Surrogate Recovery

(Surr 1) a,a,a-Trifluorotoluene	102%	98%	108%	95%	101%	101%
(Surr 2) Bromofluorobenzene	95%	90%	101%	85%	99%	99%

nd Indicates not detected at listed reporting limits

C Indicates coelution prevents determination

J Indicates estimated value

MRL Indicates Method Reporting Limits

* ** Indicates presence of petroleum distillate

Acceptable RPD % is determined to be less than 30%

Acceptable Recovery Limits for Surrogate: 65% to 135%

Surrogate Concentration = 25 ug/L

GRO = C6-C12



Analysis of Gasoline (NWTPH-Gx) in Soil

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

NWTPH-Gx (mg/kg)	MRL	Duplicate					
		MW-3-17.5	MW-3-27.5	SB-3-17.5	SB-3-17.5	SB-3-22.5	MW-2-15
Date Preserved		8/26/08	8/26/08	8/26/08	8/26/08	8/26/08	8/27/08
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
NWTPH-Gx (mg/kg)							
Gasoline	10	nd	nd	nd	nd	nd	nd
Gasoline Range Hydrocarbons (GRO)*	10	nd	nd	nd	nd	nd	nd

Surrogate Recovery							
(Surr 1) a,a,a-Trifluorotoluene		108%	123%	93%	89%	106%	109%
(Surr 2) Bromofluorobenzene		97%	111%	93%	98%	105%	97%

"nd" Indicates not detected at listed reporting limits
"C" Indicates coelution prevents determination
"J" Indicates estimated value
"MRL" Indicates Method Reporting Limits
" * " Indicates presence of petroleum distillate

Acceptable RPD % is determined to be less than 30%
Acceptable Recovery Limits for Surrogate: 65% to 135%
Surrogate Concentration = 25 ug/L
GRO = C6-C12



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Analysis of Gasoline (NWTPH-Gx) in Soil

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

NWTPH-Gx (mg/kg)	MRL	Duplicate			
		MW-2-27.5	MW-2-27.5	SB-4-17.5	SB-4-30
Date Preserved		8/27/08	8/27/08	8/27/08	8/27/08
Date Analyzed		8/28/08	8/28/08	8/28/08	8/28/08
Matrix		Soil	Soil	Soil	Soil
NWTPH-Gx (mg/kg)					
Gasoline	10	nd	nd	nd	nd
Gasoline Range Hydrocarbons (GRO)*	10	nd	nd	nd	nd

Surrogate Recovery

(Surr 1) a,a,a-Trifluorotoluene	100%	86%	92%	94%
(Surr 2) Bromofluorobenzene	90%	85%	92%	91%

nd Indicates not detected at listed reporting limits

C Indicates coelution prevents determination

J Indicates estimated value

MRL Indicates Method Reporting Limits

* ** Indicates presence of petroleum distillate

Acceptable RPD % is determined to be less than 30%

Acceptable Recovery Limits for Surrogate: 65% to 135%

Surrogate Concentration = 25 ug/L

GRO = C6-C12



Analysis of Gasoline (NWTPH-Gx) in Water

Project: SRO
Client: URS Corporation
Client Project #: 33761152
Lab Project #: CHM080825-2

NWTPH-Gx (ug/L)	MRL	Method Blank	LCS	Duplicate	
				SB-3-082708	SB-3-082708
Date Analyzed		8/29/08	8/29/08	8/29/08	8/29/08
Matrix		Water		Water	Water
NWTPH-Gx (ug/L)					
Gasoline	100	nd	118%	nd	nd
Gasoline Range Hydrocarbons (GRO)*	100	nd		nd	nd

Surrogate Recovery

(Surr 1) a,a,a-Trifluorotoluene	96%	95%	109%	105%
(Surr 2) Bromofluorobenzene	117%	102%	109%	108%

"nd" Indicates not detected at listed reporting limits
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"J" Indicates estimated value
"MRL" Indicates Method Reporting Limits
" * " Indicates presence of petroleum distillate

Acceptable RPD % is determined to be less than 30%
Acceptable Recovery Limits for Surrogate: 65% to 135%
Surrogate Concentration = 25 ug/L
GRO = C6-C12



Chain of Custody Record

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Seattle, WA 98109

Tel: 206-352-3790
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Date: 8/25/08 Page: 1 of: 1

Client: URS Project Name: SPO
Address: 1501 AMANUE BL, SUITE 1100 Location: Belleve
City, State, Zip: SEATTLE, WA 98101 Tel: 206-438-2100 Collected by: J. Wellmeyer

Reports To (PM): David Palangelet Email: david.palangelet@urscorp.com Project No: 3376115Z

Fax: 206-438-2109

Sample Name	Time	Sample Type	# Container Type	Date of Collection	VOA 8260	VOA 8021B BTEX	NWPH-GX	NWPH-HCID	NWPH-DK EXL	SKM VDE 8770C	PAH 8270	PCB 8032	CI PESTICIDES 8081	CI HERBICIDES 8151A	METALS	Meats: MICA-5	Meats: RCRA-8	Comments/Depth
1. MIN-1-15	800	5011	3	8/25/08	X		X											
2. MIN-1-27.5	822				X		X											
3. SB-1-10	948				X		X											
4. SB-1-30	1011				X		X											
5. SB-1-45	1039				X		X											
6. SB-1-75	1115			↓	X		X											
7. SB-2-10	1318			8/25/08	X		X											
8. SB-2-27.5	1348	↓	↓	8/25/08	X		X											
9. SB-2-45																		
10.																		

Special Remarks

Sample Receipt

Good? Yes

Temperature: 24°C

Seals Intact?: Yes

Total Number of Containers: 3

TAT -> 24HR 48HR Standard

Relinquished Date/Time: 8/25/08 1510 Received Date/Time: 8/25/08 1510

Relinquished Date/Time: 8/25/08 1510 Received Date/Time: 8/25/08 1510

Relinquished Date/Time: 8/25/08 1510 Received Date/Time: 8/25/08 1510

Distribution: White - Lab, Yellow - File, Pink - Originator

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Fax: 206-352-7178

Chain of Custody Record

Date: Aug 26, 2008 Page: 1 of: 1

Client: LRS Project Name: SRO
 Address: 1501 Amphlett, Suite 100 Location: Bellevue, WA
 City, State, Zip: Seattle, WA 98101 Collected by: Jill Meyer

Reports To (PM): David Ravnidge Email: david.ravnidge@ravnidgecorp.com Project No: 33761152
 Fax: 206-438-2169

Sample Name	Time	Sample Type	# Container Type	Date of Collection	VOA B260	VOA B0218 BTEX	NWTPH-G1	NWTPH-HCID	NWTPH-DA-EXL	SEMI VOL B270C	PAH B270	PCBS E082	CI PESTICIDES B081	CI HERBICIDES B151A	METALS	Metals, MICA 5	Metals, RCRA-8	Comments/Depth
1 MW-4-12.5	720	soil	3	8/26/08	X		X											12.5'
2 MW-A-30	747	soil	3	8/26/08	X		X											30'
3 MW-3-17.5	932	soil	3	8/26/08	X		X											17.5'
4 MW-3-27.5	1016	soil	3	8/26/08	X		X											27.5'
5 SB-3-17.5	1208	soil	3	8/26/08	X		X											17.5'
6 SB-3-22.5	1214	soil	3	8/26/08	X		X											22.5'
7																		
8																		
9																		
10																		

Signature: [Signature] Date/Time: 8/26/08 15:45 Receiver: [Signature] Date/Time: 8/26/08 15:50
 Temperature: 29°C
 Seals Intact? [Initials]
 Total Number of Containers: 12
 TAT -> 24HR 48HR Standard

Distribution: White - Lab, Yellow - File, Pink - Originator

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 ANALYTICAL SERVICES

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 Seattle, WA 98109
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Chain of Custody Record

Date: Aug 27, 2008 Page: 1 of: 1

Client: URS Project Name: SRO
 Address: 1501 1st Ave, Suite 1400 Location: Bellevue, WA
 City, State, Zip: Seattle, WA 98101 Tel: 206-438-3700 Collected by: J. Wellmeyer

Reports To (PM): DAVID RALANDER Email: _____ Fax: _____ Project No: 3376115

Sample Name	Time	Sample Type	# Container Type	Date of Collection	VOA 8260	VOA 80218 BTEX	NWTPH-G1	NWTPH-HClD	NWTPH-Da-E1	SEMI VOL 8270C	PAH 8270	PCBs 8082	CI PESTICIDES 8081	CI HERBICIDES 8151A	METALS	METALS MTCAS	METALS PCBAS	Comments/Depth
SB-3-082708	704	GIN	3	8/27/08	X		X											
MNV-2-15	750	SOIL	3	8/27/08	X		X											15'
MNV-2-27.5	813	SOIL	3	8/27/08	X		X											27.5'
SB-A-17.5	943	SOIL	3	8/27/08	X		X											17.5'
SB-A-30	957	SOIL	3	8/27/08	X		X											30'
<i>[Signature]</i>																		
Special Remarks																		

Requisitioned: [Signature] Date/Time: 8/27/08 1700
 Received: [Signature] Date/Time: 8/27/08 1200
 Sample Receipt: Good? X
 Temperature: 30C
 Seals Intact? X
 Total Number of Containers: 15 TAT → 24HR 48HR (Standard)



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Analytical

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URS Corporation
Attn: David Raubvogel
1501 4th Ave. Ste 1400
Seattle, WA 98101

RE: SRO
Fremont Project No: CHM080910-2
URS Project No: 33761152.00002

September 12th, 2008

Attn:

Enclosed are the analytical results for the **SRO** water samples delivered to Fremont Analytical on September 10th, 2008

The samples were received in good condition – in the proper containers, properly sealed, labeled and within holding times. The water samples were contained in 3 – 40mL VOA's preserved with HCl. The samples were received in a cooler with wet ice, with a temperature of <4°C (1.3°C), which is within the laboratory recommended cooler temperature range (<4°C - 10°C). The samples were analyzed and then stored in refrigeration units at the USEPA-recommended temperature of 4°C ± 2°C. There were no sample receipt or sample analysis issues to report.

Examination was conducted for the presence of the following:

- ***Volatile Organic Compounds in Water by EPA Method 8260C***
- ***Gasoline (NWTPH-Gx) in Water***

These applications were performed under Washington State Department of Ecology accreditation parameters. All appropriate Quality Assurance / Quality Control method parameters have been applied.

Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical!

Sincerely,

Michael Dee
Sr. Chemist / Principal
mikedee@fremontanalytical.com

www.fremontanalytical.com

SRO_00681



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MRL	Method Blank	LCS	URS-MW3-091008	URS-MW1-091008
Date Analyzed		9/11/08	9/11/08	9/11/08	9/11/08
Matrix		Water		Water	Water
Dichlorodifluoromethane	1.0	nd		nd	nd
Chloromethane	1.0	nd		nd	nd
Vinyl chloride *	0.2	nd		nd	nd
Bromomethane	1.0	nd		nd	nd
Chloroethane	1.0	nd		nd	nd
Trichlorofluoromethane	1.0	nd		nd	nd
1,1-Dichloroethene	1.0	nd	74%	nd	nd
Methylene chloride	1.0	nd		nd	nd
trans-1,2-Dichloroethene	1.0	nd		nd	nd
1,1-Dichloroethane	1.0	nd		nd	nd
2,2-Dichloropropane	2.0	nd		nd	nd
cis-1,2-Dichloroethene	1.0	nd		nd	nd
Chloroform	1.0	nd		nd	nd
1,1-Dichloropropene	1.0	nd		nd	nd
Carbon tetrachloride	1.0	nd		nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd		nd	nd
Benzene	1.0	nd	98%	nd	nd
1,2-Dichloroethane (EDC)	1.0	nd		nd	nd
Trichloroethene (TCE)	1.0	nd	121%	nd	3.5
1,2-Dichloropropane	1.0	nd		nd	nd

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MRL	Method Blank	LCS	URS-MW3-091008	URS-MW1-091008
Date Analyzed		9/11/08	9/11/08	9/11/08	9/11/08
Matrix		Water		Water	Water
Dibromomethane	1.0	nd		nd	nd
Bromodichloromethane	1.0	nd		nd	nd
cis-1,3-Dichloropropene	1.0	nd		nd	nd
Toluene	1.0	nd	112%	nd	nd
Trans-1,3-Dichloropropene	1.0	nd		nd	nd
1,1,2-Trichloroethane	1.0	nd		nd	nd
Tetrachloroethene (PCE)	1.0	nd		nd	340
1,3-Dichloropropane	1.0	nd		nd	nd
Dibromochloromethane	1.0	nd		nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd		nd	nd
Chlorobenzene	1.0	nd	119%	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd		nd	nd
Ethylbenzene	1.0	nd		nd	nd
Total Xylenes	1.0	nd		nd	nd
Styrenes	1.0	nd		nd	nd
Bromoform	1.0	nd		nd	nd
Isopropylbenzene	2.0	nd		nd	nd
1,2,3-Trichloropropane	1.0	nd		nd	nd
Bromobenzene	1.0	nd		nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd		nd	nd

"nd" Indicates not detected at listed reporting limits
 "nd" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MRL	Method Blank	LCS	URS-MW3-091008	URS-MW1-091008
Date Analyzed		9/11/08	9/11/08	9/11/08	9/11/08
Matrix		Water		Water	Water
n-Propylbenzene	1.0	nd		nd	nd
2-Chlorotoluene	1.0	nd		nd	nd
4-Chlorotoluene	1.0	nd		nd	nd
1,3,5-Trimethylbenzene	1.0	nd		nd	nd
tert-Butylbenzene	1.0	nd		nd	nd
1,2,4-Trimethylbenzene	1.0	nd		nd	nd
sec-Butylbenzene	1.0	nd		nd	nd
1,3-Dichlorobenzene	1.0	nd		nd	nd
4-Isopropyltoluene	1.0	nd		nd	nd
1,4-Dichlorobenzene	1.0	nd		nd	nd
1,2-Dichlorobenzene	1.0	nd		nd	nd
n-Butylbenzene	1.0	nd		nd	nd
1,2-Dibromo-3-Chloropropane	1.0	nd		nd	nd
1,2,4-Trichlorobenzene	2.0	nd		nd	nd
Hexachloro-1,3-butadiene	4.0	nd		nd	nd
Naphthalene	4.0	nd		nd	nd
1,2,3-Trichlorobenzene	4.0	nd		nd	nd
Surrogate Recovery					
Dibromofluoromethane		90%	95%	96%	91%
Toluene-d8		105%	111%	110%	106%
1-Bromo-4-fluorobenzene		109%	107%	108%	109%

nd Indicates not detected at listed reporting limits
 int Indicates that interference prevents determination
 I Instrument Detection Limit
 J Indicates estimated value
 MRL Indicates Method Reporting Limit
 LCS Indicates Laboratory Control Sample
 MS Indicates Matrix Spike
 MSD Indicates Matrix Spike Duplicate
 RPD Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
 Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MRL	Duplicate		RPD
		Terra-MW3-091008	Terra-MW3-091008	
Date Analyzed		9/11/08	9/11/08	
Matrix		Water	Water	
Dichlorodifluoromethane	1.0	nd	nd	
Chloromethane	1.0	nd	nd	
Vinyl chloride *	0.2	nd	nd	
Bromomethane	1.0	nd	nd	
Chloroethane	1.0	nd	nd	
Trichlorofluoromethane	1.0	nd	nd	
1,1-Dichloroethene	1.0	nd	nd	
Methylene chloride	1.0	nd	nd	
trans-1,2-Dichloroethene	1.0	nd	nd	
1,1-Dichloroethane	1.0	nd	nd	
2,2-Dichloropropane	2.0	nd	nd	
cis-1,2-Dichloroethene	1.0	nd	nd	
Chloroform	1.0	nd	nd	
1,1-Dichloropropene	1.0	nd	nd	
Carbon tetrachloride	1.0	nd	nd	
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	
Benzene	1.0	nd	nd	
1,2-Dichloroethane (EDC)	1.0	nd	nd	
Trichloroethene (TCE)	1.0	nd	nd	
1,2-Dichloropropane	1.0	nd	nd	

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MRL	Duplicate		RPD
		Terra-MW3-091008	Terra-MW3-091008	
Date Analyzed		9/11/08	9/11/08	
Matrix		Water	Water	
Dibromomethane	1.0	nd	nd	
Bromodichloromethane	1.0	nd	nd	
cis-1,3-Dichloropropene	1.0	nd	nd	
Toluene	1.0	nd	nd	
Trans-1,3-Dichloropropene	1.0	nd	nd	
1,1,2-Trichloroethane	1.0	nd	nd	
Tetrachloroethene (PCE)	1.0	88	81	8%
1,3-Dichloropropane	1.0	nd	nd	
Dibromochloromethane	1.0	nd	nd	
1,2-Dibromoethane (EDB) *	0.01	nd	nd	
Chlorobenzene	1.0	nd	nd	
1,1,1,2-Tetrachloroethane	1.0	nd	nd	
Ethylbenzene	1.0	nd	nd	
Total Xylenes	1.0	nd	nd	
Styrenes	1.0	nd	nd	
Bromoform	1.0	nd	nd	
Isopropylbenzene	2.0	nd	nd	
1,2,3-Trichloropropane	1.0	nd	nd	
Bromobenzene	1.0	nd	nd	
1,1,1,2-Tetrachloroethane	1.0	nd	nd	

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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MRL	Duplicate		RPD
		Terra-MW3-091008	Terra-MW3-091008	
Date Analyzed		9/11/08	9/11/08	
Matrix		Water	Water	
n-Propylbenzene	1.0	nd	nd	
2-Chlorotoluene	1.0	nd	nd	
4-Chlorotoluene	1.0	nd	nd	
1,3,5-Trimethylbenzene	1.0	nd	nd	
tert-Butylbenzene	1.0	nd	nd	
1,2,4-Trimethylbenzene	1.0	nd	nd	
sec-Butylbenzene	1.0	nd	nd	
1,3-Dichlorobenzene	1.0	nd	nd	
4-Isopropyltoluene	1.0	nd	nd	
1,4-Dichlorobenzene	1.0	nd	nd	
1,2-Dichlorobenzene	1.0	nd	nd	
n-Butylbenzene	1.0	nd	nd	
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	
1,2,4-Trichlorobenzene	2.0	nd	nd	
Hexachloro-1,3-butadiene	4.0	nd	nd	
Naphthalene	4.0	nd	nd	
1,2,3-Trichlorobenzene	4.0	nd	nd	

Surrogate Recovery

Dibromofluoromethane	95%	93%
Toluene-d8	109%	107%
1-Bromo-4-fluorobenzene	109%	108%

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 * Instrument Detection Limit
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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MS		MSD	
	MRL	URS-MW3-091008	URS-MW3-091008	RPD
Date Analyzed		9/11/08	9/11/08	%
Matrix		Water	Water	
Dichlorodifluoromethane	1.0			
Chloromethane	1.0			
Vinyl chloride *	0.2			
Bromomethane	1.0			
Chloroethane	1.0			
Trichlorofluoromethane	1.0			
1,1-Dichloroethene	1.0	82%	76%	8%
Methylene chloride	1.0			
trans-1,2-Dichloroethene	1.0			
1,1-Dichloroethane	1.0			
2,2-Dichloropropane	2.0			
cis-1,2-Dichloroethene	1.0			
Chloroform	1.0			
1,1-Dichloropropene	1.0			
Carbon tetrachloride	1.0			
1,1,1-Trichloroethane (TCA)	1.0			
Benzene	1.0	105%	122%	15%
1,2-Dichloroethane (EDC)	1.0			
Trichloroethene (TCE)	1.0	128%	129%	1%
1,2-Dichloropropane	1.0			

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MRL	MS		RPD
		URS-MW3-091008	URS-MW3-091008	
Date Analyzed		9/11/08	9/11/08	%
Matrix		Water	Water	
Dibromomethane	1.0			
Bromodichloromethane	1.0			
cis-1,3-Dichloropropene	1.0			
Toluene	1.0	128%	130%	2%
Trans-1,3-Dichloropropene	1.0			
1,1,2-Trichloroethane	1.0			
Tetrachloroethene (PCE)	1.0			
1,3-Dichloropropane	1.0			
Dibromochloromethane	1.0			
1,2-Dibromoethane (EDB) *	0.01			
Chlorobenzene	1.0	129%	127%	2%
1,1,1,2-Tetrachloroethane	1.0			
Ethylbenzene	1.0			
Total Xylenes	1.0			
Styrenes	1.0			
Bromoform	1.0			
Isopropylbenzene	2.0			
1,2,3-Trichloropropane	1.0			
Bromobenzene	1.0			
1,1,2,2-Tetrachloroethane	1.0			

nd Indicates not detected at listed reporting limits
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 * Instrument Detection Limit
 J Indicates estimated value
 MRL Indicates Method Reporting Limit
 LCS Indicates Laboratory Control Sample
 MS Indicates Matrix Spike
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 Surrogates and Spike Concentration = 25 ug/L



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

EPA 8260B (ug/L)	MS		MSD	
	MRL	URS-MW3-091008	URS-MW3-091008	RPD
Date Analyzed		9/11/08	9/11/08	%
Matrix		Water	Water	

n-Propylbenzene	1.0
2-Chlorotoluene	1.0
4-Chlorotoluene	1.0
1,3,5-Trimethylbenzene	1.0
tert-Butylbenzene	1.0
1,2,4-Trimethylbenzene	1.0
sec-Butylbenzene	1.0
1,3-Dichlorobenzene	1.0
4-Isopropyltoluene	1.0
1,4-Dichlorobenzene	1.0
1,2-Dichlorobenzene	1.0
n-Butylbenzene	1.0
1,2-Dibromo-3-Chloropropane	1.0
1,2,4-Trichlorobenzene	2.0
Hexachloro-1,3-butadiene	4.0
Naphthalene	4.0
1,2,3-Trichlorobenzene	4.0

Surrogate Recovery

Dibromofluoromethane	94%	96%
Toluene-d8	110%	111%
1-Bromo-4-fluorobenzene	105%	106%

"nd" Indicates not detected at listed reporting limits

"int" Indicates that interference prevents determination

* Instrument Detection Limit

"J" Indicates estimated value

"MRL" Indicates Method Reporting Limit

"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

"MSD" Indicates Matrix Spike Duplicate

"RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 ug/L



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Analysis of Gasoline (NWTPH-Gx) in Water

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

NWTPH-Gx (ug/L)	MRL	Method Blank	URS-MW3-091008	URS-MW1-091008
Date Analyzed		9/12/08	9/12/08	9/12/08
Matrix		Water	Water	Water

NWTPH-Gx (ug/L)

Gasoline	100	nd	nd	nd
Gasoline Range Hydrocarbons (GRO)*	100	nd	nd	nd

Surrogate Recovery

(Surr 1) a,a,a-Trifluorotoluene	90%	89%	128%
(Surr 2) Bromofluorobenzene	85%	89%	89%

"nd" Indicates not detected at listed reporting limits

"C" Indicates coelution prevents determination

"J" Indicates estimated value

"MRL" Indicates Method Reporting Limits

"*" Indicates presence of petroleum distillate

Acceptable RPD % is determined to be less than 30%
Acceptable Recovery Limits for Surrogate: 65% to 135%

Surrogate Concentration = 25 ug/L

GRO = C6-C12



Analysis of Gasoline (NWTPH-Gx) in Water

Project: SRO
Client: URS
Client Project #: 33761152.00002
Lab Project #: CHM080910-2

NWTPH-Gx (ug/L)	MRL	Duplicate	
		Terra-MW3-091008	Terra-MW3-091008
Date Analyzed		9/12/08	9/12/08
Matrix		Water	Water
NWTPH-Gx (ug/L)			
Gasoline	100	nd	nd
Gasoline Range Hydrocarbons (GRO)*	100	nd	nd
Surrogate Recovery			
(Surr 1) a,a,a-Trifluorotoluene		107%	112%
(Surr 2) Bromofluorobenzene		90%	93%
<small>"nd" Indicates not detected at listed reporting limits "C" Indicates coelution prevents determination "J" Indicates estimated value "MRL" Indicates Method Reporting Limits "*" Indicates presence of petroleum distillate</small>			

Acceptable RPD % is determined to be less than 30%
 Acceptable Recovery Limits for Surrogate: 65% to 135%
 Surrogate Concentration = 25 ug/L
 GRO = C6-C12

Chain of Custody Record



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Date: 9/10/08 Page: 1 of 1

Client: URS
 Address: 1501 4th Ave. Suite 1400
 City, State, Zip: Seattle, WA 98101
 Project Name: SEO
 Location: PERM
 Collected by: J. Williams

Reports To (PM): David Bank Email: david.bank@urscorp.com Project No: 337101152-00002
 Fax: 206-438-2499

Sample Name	Time	Sample Type	Container Type	Date of Collection	VOA 8250	VOA 80218 BTEX	NVTPH-G+	NVTPH-HClO	NVTPH-Or Est.	SEMI VOL 8270C	PAH 8270	PCBs 8097	(P)ESTICIDES 8081	(T)HERBICIDES 8151A	Metals	Metals: MICA-5	Metals: HCB-A-8	Comments/Depth
URS MIN3 091008	916	GW	3VOCAS	9/10/08	X		X											
URS MIN1 091008	1044	GW	3VOCAS	9/10/08	X		X											
URS MIN3 091008	1137	GW	3VOCAS	9/10/08	X		X											
TRIP BLANK 1																		

Sample Receipt

Received	Date/Time	Received	Date/Time
<u>J. Williams</u>	<u>9/10/08 1342</u>	<u>David Bank</u>	<u>9/10/08 1401</u>

Seals Intact? Good
 Temperature: 6.5°C
 Total Number of Containers: 3

TAT → 24HR 48HR Standard

Special Remarks:



Fremont
Analytical

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URS Corporation
Attn: David Raubvogel
1501 4th Ave. Ste 1400
Seattle, WA 98101

RE: SRO – Bellevue Corner Property
Fremont Project No: CHM081119-2
URS Project No: 33761152

November 24th, 2008

Dave:

Enclosed are the analytical results for the *SRO – Bellevue Corner Property* soil samples delivered to Fremont Analytical on November 19th, 2008.

The samples were received in good condition - in the proper containers, properly sealed, labeled and within holding time. The soil samples were contained in 2-40mL VOAs preserved with MeOH. The samples were received in a cooler with wet ice, with a cooler temperature of 3.4°C, which is within the laboratory recommended cooler temperature range (<4°C - 10°C). The samples were analyzed and stored in a refrigeration unit at the USEPA-recommended temperature of 4°C ± 2°C. There were no sample receipt or sample analysis issues to report.

Examination of these samples was conducted for the presence of the following:

- ***Volatile Organic Compounds in Soil by EPA Method 8260B***

This application was performed under Washington State Department of Ecology accreditation parameters. All appropriate Quality Assurance / Quality Control method parameters have been applied.

Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical!

Sincerely,

Michael Dee
Sr. Chemist / Principal
mikedee@fremontanalytical.com

www.fremontanalytical.com

SRO_00724



Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO-Bellevue Corner Property

Client: URS

Client Project #: 33761152

Lab Project #: CHM081119-2

EPA 8260B (mg/kg)	MRL	Method Blank	LCS	Duplicate		
				URS-SB8-21.6	URS-SB8-29	URS-SB8-29
Date Preserved		11/18/08	11/18/08	11/19/08	11/19/08	11/19/08
Date Analyzed		11/20/08	11/20/08	11/21/08	11/21/08	11/21/08
Matrix				Soil	Soil	Soil
Dichlorodifluoromethane	0.06	nd		nd	nd	nd
Chloromethane	0.06	nd		nd	nd	nd
Vinyl chloride *	0.002	nd		nd	nd	nd
Bromomethane	0.09	nd		nd	nd	nd
Chloroethane	0.06	nd		nd	nd	nd
Trichlorofluoromethane	0.05	nd		nd	nd	nd
1,1-Dichloroethene	0.05	nd	96%	nd	nd	nd
Methylene chloride	0.05	nd		nd	nd	nd
trans-1,2-Dichloroethene	0.02	nd		nd	nd	nd
1,1-Dichloroethane	0.02	nd		nd	nd	nd
2,2-Dichloropropane	0.05	nd		nd	nd	nd
cis-1,2-Dichloroethene	0.02	nd		nd	nd	nd
Chloroform	0.02	nd		nd	nd	nd
1,1-Dichloropropene	0.02	nd		nd	nd	nd
Carbon tetrachloride	0.02	nd		nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd		nd	nd	nd
Benzene	0.02	nd	119%	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd		nd	nd	nd
Trichloroethene (TCE)	0.03	nd	112%	nd	nd	nd
1,2-Dichloropropane	0.02	nd		nd	nd	nd

"nd" Indicates not detected at listed reporting limits

"int" Indicates that interference prevents determination

* Instrument Detection Limit

"J" Indicates estimated value

"MRL" Indicates Method Reporting Limit

"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

"MSD" Indicates Matrix Spike Duplicate

"RPD" Indicates Relative Percent Difference

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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO-Bellevue Corner Property

Client: URS

Client Project #: 33761152

Lab Project #: CHM081119-2

EPA 8260B (mg/kg)	MRL	Method Blank	LCS	Duplicate		
				URS-SB8-21.5	URS-SB8-29	URS-SB8-29
Date Preserved		11/18/08	11/18/08	11/19/08	11/19/08	11/19/08
Date Analyzed		11/20/08	11/20/08	11/21/08	11/21/08	11/21/08
Matrix				Soil	Soil	Soil
Dibromomethane	0.04	nd		nd	nd	nd
Bromodichloromethane	0.02	nd		nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd		nd	nd	nd
Toluene	0.02	nd	120%	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd		nd	nd	nd
1,1,2-Trichloroethane	0.03	nd		nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd		nd	nd	nd
1,3-Dichloropropane	0.05	nd		nd	nd	nd
Dibromochloromethane	0.03	nd		nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd		nd	nd	nd
Chlorobenzene	0.02	nd	122%	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd		nd	nd	nd
Ethylbenzene	0.03	nd		nd	nd	nd
Total Xylenes	0.03	nd		nd	nd	nd
Styrenes	0.02	nd		nd	nd	nd
Bromoform	0.02	nd		nd	nd	nd
Isopropylbenzene	0.08	nd		nd	nd	nd
1,2,3-Trichloropropane	0.02	nd		nd	nd	nd
Bromobenzene	0.03	nd		nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd		nd	nd	nd

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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO-Bellevue Corner Property

Client: URS

Client Project #: 33761152

Lab Project #: CHM081119-2

EPA 8260B (mg/kg)	MRL	Method Blank	LCS	Duplicate		
				URS-SB8-21.5	URS-SB8-29	URS-SB8-29
Date Preserved		11/18/08	11/18/08	11/19/08	11/19/08	11/19/08
Date Analyzed		11/20/08	11/20/08	11/21/08	11/21/08	11/21/08
Matrix				Soil	Soil	Soil
n-Propylbenzene	0.02	nd		nd	nd	nd
2-Chlorotoluene	0.02	nd		nd	nd	nd
4-Chlorotoluene	0.02	nd		nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd		nd	nd	nd
tert-Butylbenzene	0.02	nd		nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd		nd	nd	nd
sec-Butylbenzene	0.02	nd		nd	nd	nd
1,3-Dichlorobenzene	0.02	nd		nd	nd	nd
4-Isopropyltoluene	0.02	nd		nd	nd	nd
1,4-Dichlorobenzene	0.02	nd		nd	nd	nd
1,2-Dichlorobenzene	0.02	nd		nd	nd	nd
n-Butylbenzene	0.02	nd		nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd		nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd		nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd		nd	nd	nd
Naphthalene	0.03	nd		nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd		nd	nd	nd

Surrogate Recovery

Dibromofluoromethane	68%	108%	104%	108%	106%
Toluene-d8	81%	95%	91%	95%	86%
1-Bromo-4-fluorobenzene	93%	98%	90%	97%	98%

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* Instrument Detection Limit

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Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 ug/L

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SRO_00727



Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO-Bellevue Corner Property
Client: URS
Client Project #: 33761152
Lab Project #: CHM081119-2

EPA 8260B (mg/kg)	MRL	URS-SB8-41.5	MS		MSD	RPD
			Batch	Batch	Batch	
			URS-MW-7-31.5	URS-MW-7-31.5	URS-MW-7-31.5	
Date Preserved		11/19/08	11/18/08	11/18/08		%
Date Analyzed		11/21/08	11/20/08	11/20/08		
Matrix		Soil	Soil	Soil		
Dichlorodifluoromethane	0.06	nd				
Chloromethane	0.06	nd				
Vinyl chloride *	0.002	nd				
Bromomethane	0.09	nd				
Chloroethane	0.06	nd				
Trichlorofluoromethane	0.05	nd				
1,1-Dichloroethene	0.05	nd	92%	86%		7%
Methylene chloride	0.05	nd				
trans-1,2-Dichloroethene	0.02	nd				
1,1-Dichloroethane	0.02	nd				
2,2-Dichloropropane	0.05	nd				
cis-1,2-Dichloroethene	0.02	nd				
Chloroform	0.02	nd				
1,1-Dichloropropene	0.02	nd				
Carbon tetrachloride	0.02	nd				
1,1,1-Trichloroethane (TCA)	0.02	nd				
Benzene	0.02	nd	104%	101%		3%
1,2-Dichloroethane (EDC)	0.03	nd				
Trichloroethene (TCE)	0.03	nd	95%	96%		1%
1,2-Dichloropropane	0.02	nd				

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 ug/L



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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO-Bellevue Corner Property

Client: URS

Client Project #: 33761152

Lab Project #: CHM081119-2

EPA 8260B (mg/kg)	MRL	MS		MSD		RPD
		URS-SB8-41.5	Batch URS-MW-7-31.5	Batch URS-MW-7-31.5		
Date Preserved		11/19/08	11/18/08	11/18/08		%
Date Analyzed		11/21/08	11/20/08	11/20/08		
Matrix		Soil	Soil	Soil		
Dibromomethane	0.04	nd				
Bromodichloromethane	0.02	nd				
cis-1,3-Dichloropropene	0.02	nd				
Toluene	0.02	nd	105%	102%		3%
Trans-1,3-Dichloropropene	0.03	nd				
1,1,2-Trichloroethane	0.03	nd				
Tetrachloroethene (PCE)	0.02	nd				
1,3-Dichloropropane	0.05	nd				
Dibromochloromethane	0.03	nd				
1,2-Dibromoethane (EDB) *	0.005	nd				
Chlorobenzene	0.02	nd	105%	102%		3%
1,1,1,2-Tetrachloroethane	0.03	nd				
Ethylbenzene	0.03	nd				
Total Xylenes	0.03	nd				
Styrenes	0.02	nd				
Bromoform	0.02	nd				
Isopropylbenzene	0.08	nd				
1,2,3-Trichloropropane	0.02	nd				
Bromobenzene	0.03	nd				
1,1,2,2-Tetrachloroethane	0.02	nd				

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"J" Indicates estimated value

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"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

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Acceptable Recovery Limits:

Surrogate = 65% to 135%

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Surrogates and Spike Concentration = 25 ug/L



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Analysis of Volatile Organic Compounds in Soil by EPA Method 8260

Project: SRO-Bellevue Corner Property

Client: URS

Client Project #: 33761152

Lab Project #: CHM081119-2

EPA 8260B (mg/kg)	MRL	URS-SB8-41.5	MS	MSD	RPD
			Batch URS-MW-7-31.5	Batch URS-MW-7-31.5	
Date Preserved		11/19/08	11/18/08	11/18/08	%
Date Analyzed		11/21/08	11/20/08	11/20/08	
Matrix		Soil	Soil	Soil	

n-Propylbenzene	0.02	nd
2-Chlorotoluene	0.02	nd
4-Chlorotoluene	0.02	nd
1,3,5-Trimethylbenzene	0.02	nd
tert-Butylbenzene	0.02	nd
1,2,4-Trimethylbenzene	0.02	nd
sec-Butylbenzene	0.02	nd
1,3-Dichlorobenzene	0.02	nd
4-Isopropyltoluene	0.02	nd
1,4-Dichlorobenzene	0.02	nd
1,2-Dichlorobenzene	0.02	nd
n-Butylbenzene	0.02	nd
1,2-Dibromo-3-Chloropropane	0.03	nd
1,2,4-Trichlorobenzene	0.05	nd
Hexachloro-1,3-butadiene	0.10	nd
Naphthalene	0.03	nd
1,2,3-Trichlorobenzene	1.0	nd

Surrogate Recovery

Dibromofluoromethane	99%	109%	114%
Toluene-d8	93%	93%	94%
1-Bromo-4-fluorobenzene	97%	97%	99%

"nd" indicates not detected at listed reporting limits

"int" indicates that interference prevents determination

* Instrument Detection Limit

"J" indicates estimated value

"MRL" indicates Method Reporting Limit

"LCS" indicates Laboratory Control Sample

"MS" indicates Matrix Spike

"MSD" indicates Matrix Spike Duplicate

"RPD" indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 ug/L

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SRO_00730

Chain of Custody Record



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Date: Nov 19, 2008

Page: 1 of 1
SRP
Bellevue Property
Bellevue, WA
Jessica Weininger

Project Name:
Location:
Collected by:

Client: URS
Address: 1501 4th Ave Suite 1400
City, State, Zip: Seattle, WA 98101
Tel: 206-438-2700

Reports To (PM): David Reininger Fax: 206-438-2419 Email: david_reininger@urscorp.com Project No: 337101152

Sample Name	Time	Sample Type	Container Type	Date of Collection	VOA 8260	VOA 80218 BTEX	NWTPH-GA	NWTPH-HCID	NWTPH-DA-Ext	SCM VOR 8270C	PAH 8270	PCBS 8087	CI PESTICIDES 8081	CI HERBICIDES 8151A	METALS	METALS: MATCA-5	METALS: RCRA-8	Comments/Death
1. URS-508-215	837	SOIL	VOA	11/19/08	X													
2. URS-508-29	854	SOIL	VOA		X													
3. URS-508-39	916	SOIL	VOA		X													
4. URS-508-415	922	SOIL	VOA		X													
5. TRIP BLANK																		
6.																		
7.																		
8.																		
9.																		
10.																		

Special Remarks

Sample Received: Yes
Good? Yes
Temperature: Water 3.4°C
Seals Intact? Yes
Total Number of Containers: 12

Date/Time: 11/19/08 1245
Date/Time:
Responsible Receiver: [Signature]
Date/Time: 11/19/08 1237
Date/Time:
Responsible Receiver: [Signature]

TAT -> 24HR 48HR Standby



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Analytical

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URS Corporation
Attn: David Raubvogel
1501 4th Ave. Ste 1400
Seattle, WA 98101

RE: SRO – Bellevue Corner Property
Fremont Project No: CHM081121-1
URS Project No: 33761152

November 26th, 2008

Dave:

Enclosed are the analytical results for the **SRO – Bellevue Corner Property** groundwater samples delivered to Fremont Analytical on November 21st, 2008.

The samples were received in good condition - in the proper containers, properly sealed, labeled and within holding time. The samples were contained in 3-40mL VOAs preserved with HCl. The samples were received in a cooler with wet ice, with a cooler temperature of 3.2°C, which is within the laboratory recommended cooler temperature range (<4°C - 10°C). The samples were analyzed and stored in a refrigeration unit at the USEPA-recommended temperature of 4°C ± 2°C. There were no sample receipt or sample analysis issues to report.

Examination of these samples was conducted for the presence of the following:

- **Volatile Organic Compounds in Water by EPA Method 8260B**

This application was performed under Washington State Department of Ecology accreditation parameters. All appropriate Quality Assurance / Quality Control method parameters have been applied.

Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical!

Sincerely,

Michael Dee
Sr. Chemist / Principal
mikedee@fremontanalytical.com

www.fremontanalytical.com

SRO_00732



Fremont

ANALYTICAL

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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO-Bellevue Corner Property

Client: URS

Client Project #: 33761152

Lab Project #: CHM081121-1

EPA 8260B (µg/L)	MRL	Method Blank	LCS	URS-MW-1	Duplicate		RPD
					Terra-MW-3	Terra-MW-3	
Date Analyzed		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	%
Matrix				Water	Water	Water	
Dichlorodifluoromethane	1.0	nd		nd	nd	nd	
Chloromethane	1.0	nd		nd	nd	nd	
Vinyl chloride *	0.2	nd		nd	nd	nd	
Bromomethane	1.0	nd		nd	nd	nd	
Chloroethane	1.0	nd		nd	nd	nd	
Trichlorofluoromethane	1.0	nd		nd	nd	nd	
1,1-Dichloroethene	1.0	nd	77%	nd	nd	nd	
Methylene chloride	2.0	nd		nd	nd	nd	
trans-1,2-Dichloroethene	1.0	nd		nd	nd	nd	
1,1-Dichloroethane	1.0	nd		nd	nd	nd	
2,2-Dichloropropane	2.0	nd		nd	nd	nd	
cis-1,2-Dichloroethene	1.0	nd		nd	nd	nd	
Chloroform	1.0	nd		nd	nd	nd	
1,1-Dichloropropene	1.0	nd		nd	nd	nd	
Carbon tetrachloride	1.0	nd		nd	nd	nd	
1,1,1-Trichloroethane (TCA)	1.0	nd		nd	nd	nd	
Benzene	1.0	nd	89%	nd	nd	nd	
1,2-Dichloroethane (EDC)	1.0	nd		nd	nd	nd	
Trichloroethene (TCE)	1.0	nd	86%	3.4	nd	nd	
1,2-Dichloropropane	1.0	nd		nd	nd	nd	

"nd" Indicates not detected at listed reporting limits

"int" Indicates that interference prevents determination

* Instrument Detection Limit

"J" Indicates estimated value

"MRL" Indicates Method Reporting Limit

"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

"MSD" Indicates Matrix Spike Duplicate

"RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 µg/L



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Project: SRO-Bellevue Corner Property

Client: URS

Client Project #: 33761152

Lab Project #: CHM081121-1

EPA 8260B (µg/L)	MRL	Method Blank	LCS	URS-MW-1	Terra-MW-3	Duplicate	
						Terra-MW-3	RPD
Date Analyzed		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	%
Matrix				Water	Water	Water	
Dibromomethane	1.0	nd		nd	nd	nd	
Bromodichloromethane	1.0	nd		nd	nd	nd	
cis-1,3-Dichloropropene	1.0	nd		nd	nd	nd	
Toluene	1.0	nd	92%	nd	nd	nd	
Trans-1,3-Dichloropropene	1.0	nd		nd	nd	nd	
1,1,2-Trichloroethane	1.0	nd		nd	nd	nd	
Tetrachloroethene (PCE)	1.0	nd		210	20	17	16%
1,3-Dichloropropane	1.0	nd		nd	nd	nd	
Dibromochloromethane	1.0	nd		nd	nd	nd	
1,2-Dibromoethane (EDB) *	0.01	nd		nd	nd	nd	
Chlorobenzene	1.0	nd	96%	nd	nd	nd	
1,1,1,2-Tetrachloroethane	1.0	nd		nd	nd	nd	
Ethylbenzene	1.0	nd		nd	nd	nd	
Total Xylenes	1.0	nd		nd	nd	nd	
Styrenes	1.0	nd		nd	nd	nd	
Bromoform	1.0	nd		nd	nd	nd	
Isopropylbenzene	2.0	nd		nd	nd	nd	
1,2,3-Trichloropropane	1.0	nd		nd	nd	nd	
Bromobenzene	1.0	nd		nd	nd	nd	
1,1,2,2-Tetrachloroethane	1.0	nd		nd	nd	nd	

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LCS, LCSd, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 µg/L



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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO-Bellevue Corner Property

Client: URS

Client Project #: 33761152

Lab Project #: CHM081121-1

EPA 8260B (µg/L)	MRL	Method Blank	LCS	URS-MW-1	Duplicate		RPD
					Terra-MW-3	Terra-MW-3	
Date Analyzed		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	%
Matrix				Water	Water	Water	
n-Propylbenzene	1.0	nd		nd	nd	nd	
2-Chlorotoluene	1.0	nd		nd	nd	nd	
4-Chlorotoluene	1.0	nd		nd	nd	nd	
1,3,5-Trimethylbenzene	1.0	nd		nd	nd	nd	
tert-Butylbenzene	1.0	nd		nd	nd	nd	
1,2,4-Trimethylbenzene	1.0	nd		nd	nd	nd	
sec-Butylbenzene	1.0	nd		nd	nd	nd	
1,3-Dichlorobenzene	1.0	nd		nd	nd	nd	
4-Isopropyltoluene	1.0	nd		nd	nd	nd	
1,4-Dichlorobenzene	1.0	nd		nd	nd	nd	
1,2-Dichlorobenzene	1.0	nd		nd	nd	nd	
n-Butylbenzene	1.0	nd		nd	nd	nd	
1,2-Dibromo-3-Chloropropane	1.0	nd		nd	nd	nd	
1,2,4-Trichlorobenzene	2.0	nd		nd	nd	nd	
Hexachloro-1,3-butadiene	4.0	nd		nd	nd	nd	
Naphthalene	4.0	nd		nd	nd	nd	
1,2,3-Trichlorobenzene	4.0	nd		nd	nd	nd	
Surrogate Recovery							
Dibromofluoromethane		99%	84%	98%	110%	104%	
Toluene-d8		98%	91%	105%	119%	105%	
1-Bromo-4-fluorobenzene		100%	98%	103%	100%	100%	

"nd" Indicates not detected at listed reporting limits
 "Int" Indicates that interference prevents determination
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 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

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Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 µg/L



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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO-Bellevue Corner Prop
Client: URS
Client Project #: 33761152
Lab Project #: CHM081121-1

EPA 8260B (µg/L)	MRL				MS	MSD	RPD
		URS-MW-3	Terra-MW-4	Terra MW-2	Terra-MW-3	Terra-MW-3	
Date Analyzed		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	%
Matrix		Water	Water	Water	Water	Water	
Dichlorodifluoromethane	1.0	nd	nd	nd			
Chloromethane	1.0	nd	nd	nd			
Vinyl chloride *	0.2	nd	nd	nd			
Bromomethane	1.0	nd	nd	nd			
Chloroethane	1.0	nd	nd	nd			
Trichlorofluoromethane	1.0	nd	nd	nd			
1,1-Dichloroethene	1.0	nd	nd	nd	65%	77%	17%
Methylene chloride	2.0	nd	nd	nd			
trans-1,2-Dichloroethene	1.0	nd	nd	nd			
1,1-Dichloroethane	1.0	nd	nd	nd			
2,2-Dichloropropane	2.0	nd	nd	nd			
cis-1,2-Dichloroethene	1.0	nd	nd	nd			
Chloroform	1.0	nd	nd	nd			
1,1-Dichloropropene	1.0	nd	nd	nd			
Carbon tetrachloride	1.0	nd	nd	nd			
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd			
Benzene	1.0	nd	nd	nd	80%	96%	18%
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd			
Trichloroethene (TCE)	1.0	nd	nd	nd	79%	97%	20%
1,2-Dichloropropane	1.0	nd	nd	nd			

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 * Instrument Detection Limit
 "J" Indicates estimated value
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 Surrogates and Spike Concentration = 25 µg/L



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Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO-Bellevue Corner Prop.

Client: URS

Client Project #: 33761152

Lab Project #: CHM081121-1

EPA 8260B (µg/L)	MRL	URS-MW-3	Terra-MW-4	Terra MW-2	MS	MSD	RPD
					Terra-MW-3	Terra-MW-3	
Date Analyzed		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	%
Matrix		Water	Water	Water	Water	Water	
Dibromomethane	1.0	nd	nd	nd			
Bromodichloromethane	1.0	nd	nd	nd			
cis-1,3-Dichloropropene	1.0	nd	nd	nd			
Toluene	1.0	nd	nd	nd	86%	103%	18%
Trans-1,3-Dichloropropene	1.0	nd	nd	nd			
1,1,2-Trichloroethane	1.0	nd	nd	nd			
Tetrachloroethene (PCE)	1.0	3.9	1.9	2.0			
1,3-Dichloropropane	1.0	nd	nd	nd			
Dibromochloromethane	1.0	nd	nd	nd			
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd			
Chlorobenzene	1.0	nd	nd	nd	89%	106%	17%
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd			
Ethylbenzene	1.0	nd	nd	nd			
Total Xylenes	1.0	nd	nd	nd			
Styrenes	1.0	nd	nd	nd			
Bromoform	1.0	nd	nd	nd			
Isopropylbenzene	2.0	nd	nd	nd			
1,2,3-Trichloropropane	1.0	nd	nd	nd			
Bromobenzene	1.0	nd	nd	nd			
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd			

"nd" Indicates not detected at listed reporting limits

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"J" Indicates estimated value

"MRL" Indicates Method Reporting Limit

"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

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Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogate = 65% to 135%

LCS, LCSD, MS, MSD = 65% to 135%

Surrogates and Spike Concentration = 25 µg/L



Analysis of Volatile Organic Compounds in Water by EPA Method 8260

Project: SRO-Bellevue Corner Prop
Client: URS
Client Project #: 33761152
Lab Project #: CHM081121-1

EPA 8260B (µg/L)	MRL	MS			MSD		RPD
		URS-MW-3	Terra-MW-4	Terra MW-2	Terra-MW-3	Terra-MW-3	
Date Analyzed		11/25/08	11/25/08	11/25/08	11/25/08	11/25/08	%
Matrix		Water	Water	Water	Water	Water	
n-Propylbenzene	1.0	nd	nd	nd			
2-Chlorotoluene	1.0	nd	nd	nd			
4-Chlorotoluene	1.0	nd	nd	nd			
1,3,5-Trimethylbenzene	1.0	nd	nd	nd			
tert-Butylbenzene	1.0	nd	nd	nd			
1,2,4-Trimethylbenzene	1.0	nd	nd	nd			
sec-Butylbenzene	1.0	nd	nd	nd			
1,3-Dichlorobenzene	1.0	nd	nd	nd			
4-Isopropyltoluene	1.0	nd	nd	nd			
1,4-Dichlorobenzene	1.0	nd	nd	nd			
1,2-Dichlorobenzene	1.0	nd	nd	nd			
n-Butylbenzene	1.0	nd	nd	nd			
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd			
1,2,4-Trichlorobenzene	2.0	nd	nd	nd			
Hexachloro-1,3-butadiene	4.0	nd	nd	nd			
Naphthalene	4.0	nd	nd	nd			
1,2,3-Trichlorobenzene	4.0	nd	nd	nd			
Surrogate Recovery							
Dibromofluoromethane		100%	104%	98%	100%	76%	
Toluene-d8		101%	110%	106%	112%	107%	
1-Bromo-4-fluorobenzene		99%	101%	101%	104%	100%	

"nd" Indicates not detected at listed reporting limits
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 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%
 Acceptable Recovery Limits:
 Surrogate = 65% to 135%
 LCS, LCSD, MS, MSD = 65% to 135%
 Surrogates and Spike Concentration = 25 µg/L



Fremont
 ANALYTICAL

2930 Westlake Ave. N. Suite 100
 Seattle, WA 98109
 Tel: 206-352-3790
 Fax: 206-352-7178

Chain of Custody Record

Date: NOV 21, 2008 Page: 1 of: 1

Client: URS Project Name: SRO Bellevue
 Address: 1501 4th Ave. Suite 1100 Location: Bellevue, WA
 City, State, Zip: Seattle, WA 98101 Tel: 206-438-2100 Collected by: Bessica Melimayer

Reports To (PM): David Remington Email: _____ Fax: _____ Project No: 33761152

Sample Name	Time	Sample Type	Container Type	Date of Collection	VOA R250	VOA R218 BTEX	NWTPH-G	NWTPH-HCID	NWTPH-OR EXT.	SEMI VOL R270C	PAH R270	PCBS R082	CI PESTICIDES R081	CI HERBICIDES R151A	METALS:	Metals: MICA-5	Metals: RCRA-8	Comments/Depth
1. URS-MW-1	908	GW	VOA	11/21/08	X													
2. Terra-MW-3	953				X													
3. URS-MW-3	1100				X													
4. Terra-MW-4	1221				X													
5. Terra-MW-2	1358				X													
6																		
7																		
8																		
9																		
10																		

Relinquished: _____ Date/Time: 11/21/08 1515 Received: David Remington Date/Time: 11/21/08
 Relinquished: _____ Date/Time: _____ Received: _____ Date/Time: _____
 Temperature: 3.2°C
 Seals Intact?: Yes
 Total Number of Containers: 15

TAT -> 24HR 48HR Standard



1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

URS Corporation
David Raubvogel
1501 4th Ave., Suite 1400
Seattle, Washington 98101

RE: SRO-Bellevue Corner Property
Lab ID: 1110038

October 14, 2011

Attention David Raubvogel:

Fremont Analytical, Inc. received 17 sample(s) on 10/10/2011 for the analyses presented in the following report.

Grain Size by ASTM D422
Percent Moisture by ASTM D2216
Total Organic Carbon by EPA Method 9060
Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Dee".

Michael Dee
Sr. Chemist / Principal



Date: 10/14/2011

CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property
Lab Order: 1110038

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1110038-001	SB-9-50	10/10/2011 9:00 AM	10/10/2011 6:15 PM
1110038-002	SB-9-55	10/10/2011 9:05 AM	10/10/2011 6:15 PM
1110038-003	SB-9-60	10/10/2011 9:10 AM	10/10/2011 6:15 PM
1110038-004	SB-9-65	10/10/2011 9:15 AM	10/10/2011 6:15 PM
1110038-005	SB-9-70	10/10/2011 9:23 AM	10/10/2011 6:15 PM
1110038-006	SB-9-75	10/10/2011 9:30 AM	10/10/2011 6:15 PM
1110038-007	SB-9-80	10/10/2011 9:35 AM	10/10/2011 6:15 PM
1110038-008	SB-9-C-50-65	10/10/2011 10:00 AM	10/10/2011 6:15 PM
1110038-009	SB-9-GW	10/10/2011 9:50 AM	10/10/2011 6:15 PM
1110038-010	SB-15-50	10/10/2011 1:20 PM	10/10/2011 6:15 PM
1110038-011	SB-15-55	10/10/2011 1:30 PM	10/10/2011 6:15 PM
1110038-012	SB-15-60	10/10/2011 1:35 PM	10/10/2011 6:15 PM
1110038-013	SB-15-65	10/10/2011 1:45 PM	10/10/2011 6:15 PM
1110038-014	SB-15-70	10/10/2011 1:50 PM	10/10/2011 6:15 PM
1110038-015	SB-15-C-40-75	10/10/2011 1:50 PM	10/10/2011 6:15 PM
1110038-016	SB-15-75	10/10/2011 2:00 PM	10/10/2011 6:15 PM
1110038-017	SB-15-GW	10/10/2011 2:10 PM	10/10/2011 6:15 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

SRO_0004360

CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Comments for METHOD O-VOC-S, SAMPLE 1110038-001ADUP, Batch ID 1258: R - High RPD due to suspected sample inhomogeneity between VOA vials. The method is in control as indicated by the LCS.



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-001
Client Sample ID: SB-9-50

Collection Date: 10/10/2011 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0426		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Chloromethane	ND	0.0426		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Vinyl chloride	ND	0.00142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Bromomethane	ND	0.0638		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0355		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Chloroethane	ND	0.0426		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,1-Dichloroethene	ND	0.0355		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Methylene chloride	0.00128	0.0142	J	mg/Kg-dry	1	10/11/2011 9:28:00 PM
trans-1,2-Dichloroethene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0355		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,1-Dichloroethane	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
2,2-Dichloropropane	ND	0.0355		mg/Kg-dry	1	10/11/2011 9:28:00 PM
cis-1,2-Dichloroethene	0.00217	0.0142	J	mg/Kg-dry	1	10/11/2011 9:28:00 PM
Chloroform	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Trichloroethane (TCA)	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,1-Dichloropropene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Carbon tetrachloride	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2-Dichloroethane	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Benzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2-Dichloropropane	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Bromodichloromethane	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Dibromomethane	ND	0.0284		mg/Kg-dry	1	10/11/2011 9:28:00 PM
cis-1,3-Dichloropropene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Toluene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
trans-1,3-Dichloropropylene	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,1,2-Trichloroethane	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,3-Dichloropropane	ND	0.0355		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Tetrachloroethene (PCE)	0.0218	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Dibromochloromethane	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2-Dibromoethane (EDB)	ND	0.00355		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Chlorobenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Ethylbenzene	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
m,p-Xylene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-001
Client Sample ID: SB-9-50

Collection Date: 10/10/2011 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

o-Xylene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Styrene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Isopropylbenzene	ND	0.0567		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Bromoform	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
n-Propylbenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Bromobenzene	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,3,5-Trimethylbenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
2-Chlorotoluene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
4-Chlorotoluene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
tert-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2,3-Trichloropropane	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2,4-Trichlorobenzene	ND	0.0355		mg/Kg-dry	1	10/11/2011 9:28:00 PM
sec-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
4-Isopropyltoluene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,3-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,4-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
n-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2,4-Trimethylbenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Hexachloro-1,3-butadiene	ND	0.0709		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Naphthalene	ND	0.0213		mg/Kg-dry	1	10/11/2011 9:28:00 PM
1,2,3-Trichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/11/2011 9:28:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	72-135		%REC	1	10/11/2011 9:28:00 PM
Surr: Dibromofluoromethane	101	75.1-135		%REC	1	10/11/2011 9:28:00 PM
Surr: Toluene-d8	106	76.5-134		%REC	1	10/11/2011 9:28:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	7.00			wt%	1	10/12/2011 11:51:25 AM
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Total Organic Carbon by EPA Method 9060

Batch ID: R2103

Analyst: SG

Total Organic Carbon	ND	0.200		%-dry	1	10/12/2011 12:15:00 PM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-002
Client Sample ID: SB-9-55

Collection Date: 10/10/2011 9:05:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0417		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Chloromethane	ND	0.0417		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Vinyl chloride	ND	0.00139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Bromomethane	ND	0.0625		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0347		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Chloroethane	ND	0.0417		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,1-Dichloroethene	ND	0.0347		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Methylene chloride	0.00128	0.0139	J	mg/Kg-dry	1	10/11/2011 10:22:00 PM
trans-1,2-Dichloroethene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0347		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,1-Dichloroethane	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
2,2-Dichloropropane	ND	0.0347		mg/Kg-dry	1	10/11/2011 10:22:00 PM
cis-1,2-Dichloroethene	0.00708	0.0139	J	mg/Kg-dry	1	10/11/2011 10:22:00 PM
Chloroform	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Trichloroethane (TCA)	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,1-Dichloropropene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Carbon tetrachloride	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2-Dichloroethane	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Benzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Trichloroethene (TCE)	0.00624	0.0208	J	mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2-Dichloropropane	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Bromodichloromethane	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Dibromomethane	ND	0.0278		mg/Kg-dry	1	10/11/2011 10:22:00 PM
cis-1,3-Dichloropropene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Toluene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
trans-1,3-Dichloropropylene	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,1,2-Trichloroethane	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,3-Dichloropropane	ND	0.0347		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Tetrachloroethene (PCE)	0.276	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Dibromochloromethane	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2-Dibromoethane (EDB)	ND	0.00347		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Chlorobenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Ethylbenzene	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
m,p-Xylene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-002
Client Sample ID: SB-9-55

Collection Date: 10/10/2011 9:05:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

o-Xylene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Styrene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Isopropylbenzene	ND	0.0556		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Bromoform	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
n-Propylbenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Bromobenzene	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,3,5-Trimethylbenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
2-Chlorotoluene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
4-Chlorotoluene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
tert-Butylbenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2,3-Trichloropropane	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2,4-Trichlorobenzene	ND	0.0347		mg/Kg-dry	1	10/11/2011 10:22:00 PM
sec-Butylbenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
4-Isopropyltoluene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,3-Dichlorobenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,4-Dichlorobenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
n-Butylbenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2-Dichlorobenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2,4-Trimethylbenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Hexachloro-1,3-butadiene	ND	0.0694		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Naphthalene	ND	0.0208		mg/Kg-dry	1	10/11/2011 10:22:00 PM
1,2,3-Trichlorobenzene	ND	0.0139		mg/Kg-dry	1	10/11/2011 10:22:00 PM
Surr: 1-Bromo-4-fluorobenzene	89.9	72-135		%REC	1	10/11/2011 10:22:00 PM
Surr: Dibromofluoromethane	98.3	75.1-135		%REC	1	10/11/2011 10:22:00 PM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/11/2011 10:22:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	8.23			wt%	1	10/12/2011 11:51:25 AM
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Total Organic Carbon by EPA Method 9060

Batch ID: R2103

Analyst: SG

Total Organic Carbon	ND	0.200		%-dry	1	10/12/2011 1:31:00 PM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-003
Client Sample ID: SB-9-60

Collection Date: 10/10/2011 9:10:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0408		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Chloromethane	ND	0.0408		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Vinyl chloride	ND	0.00136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Bromomethane	ND	0.0612		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0340		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Chloroethane	ND	0.0408		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,1-Dichloroethene	ND	0.0340		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Methylene chloride	0.00122	0.0136	J	mg/Kg-dry	1	10/11/2011 11:16:00 PM
trans-1,2-Dichloroethene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0340		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,1-Dichloroethane	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
2,2-Dichloropropane	ND	0.0340		mg/Kg-dry	1	10/11/2011 11:16:00 PM
cis-1,2-Dichloroethene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Chloroform	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Trichloroethane (TCA)	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,1-Dichloropropene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Carbon tetrachloride	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2-Dichloroethane	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Benzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Trichloroethene (TCE)	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2-Dichloropropane	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Bromodichloromethane	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Dibromomethane	ND	0.0272		mg/Kg-dry	1	10/11/2011 11:16:00 PM
cis-1,3-Dichloropropene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Toluene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
trans-1,3-Dichloropropylene	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,1,2-Trichloroethane	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,3-Dichloropropane	ND	0.0340		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Tetrachloroethene (PCE)	0.000720	0.0136	J	mg/Kg-dry	1	10/11/2011 11:16:00 PM
Dibromochloromethane	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2-Dibromoethane (EDB)	ND	0.00340		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Chlorobenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Ethylbenzene	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
m,p-Xylene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-003
Client Sample ID: SB-9-60

Collection Date: 10/10/2011 9:10:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

o-Xylene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Styrene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Isopropylbenzene	ND	0.0544		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Bromoform	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
n-Propylbenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Bromobenzene	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,3,5-Trimethylbenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
2-Chlorotoluene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
4-Chlorotoluene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
tert-Butylbenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2,3-Trichloropropane	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2,4-Trichlorobenzene	ND	0.0340		mg/Kg-dry	1	10/11/2011 11:16:00 PM
sec-Butylbenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
4-Isopropyltoluene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,3-Dichlorobenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,4-Dichlorobenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
n-Butylbenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2-Dichlorobenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2,4-Trimethylbenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Hexachloro-1,3-butadiene	ND	0.0680		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Naphthalene	ND	0.0204		mg/Kg-dry	1	10/11/2011 11:16:00 PM
1,2,3-Trichlorobenzene	ND	0.0136		mg/Kg-dry	1	10/11/2011 11:16:00 PM
Surr: 1-Bromo-4-fluorobenzene	93.0	72-135		%REC	1	10/11/2011 11:16:00 PM
Surr: Dibromofluoromethane	102	75.1-135		%REC	1	10/11/2011 11:16:00 PM
Surr: Toluene-d8	110	76.5-134		%REC	1	10/11/2011 11:16:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	9.00			wt%	1	10/12/2011 11:51:25 AM
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Total Organic Carbon by EPA Method 9060

Batch ID: R2103

Analyst: SG

Total Organic Carbon	ND	0.200		%-dry	1	10/12/2011 1:40:00 PM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-004
Client Sample ID: SB-9-65

Collection Date: 10/10/2011 9:15:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0378		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Chloromethane	ND	0.0378		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Vinyl chloride	ND	0.00126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Bromomethane	ND	0.0568		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0315		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Chloroethane	ND	0.0378		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,1-Dichloroethene	ND	0.0315		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Methylene chloride	0.000933	0.0126	J	mg/Kg-dry	1	10/11/2011 11:44:00 PM
trans-1,2-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0315		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,1-Dichloroethane	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
2,2-Dichloropropane	ND	0.0315		mg/Kg-dry	1	10/11/2011 11:44:00 PM
cis-1,2-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Chloroform	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Trichloroethane (TCA)	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,1-Dichloropropene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Carbon tetrachloride	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2-Dichloroethane	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Benzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Trichloroethene (TCE)	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2-Dichloropropane	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Bromodichloromethane	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Dibromomethane	ND	0.0252		mg/Kg-dry	1	10/11/2011 11:44:00 PM
cis-1,3-Dichloropropene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Toluene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
trans-1,3-Dichloropropylene	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,1,2-Trichloroethane	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,3-Dichloropropane	ND	0.0315		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Tetrachloroethene (PCE)	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Dibromochloromethane	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2-Dibromoethane (EDB)	ND	0.00315		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Chlorobenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Ethylbenzene	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
m,p-Xylene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-004
Client Sample ID: SB-9-65

Collection Date: 10/10/2011 9:15:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

o-Xylene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Styrene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Isopropylbenzene	ND	0.0504		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Bromoform	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
n-Propylbenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Bromobenzene	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,3,5-Trimethylbenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
2-Chlorotoluene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
4-Chlorotoluene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
tert-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2,3-Trichloropropane	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2,4-Trichlorobenzene	ND	0.0315		mg/Kg-dry	1	10/11/2011 11:44:00 PM
sec-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
4-Isopropyltoluene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,3-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,4-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
n-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2,4-Trimethylbenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Hexachloro-1,3-butadiene	ND	0.0631		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Naphthalene	ND	0.0189		mg/Kg-dry	1	10/11/2011 11:44:00 PM
1,2,3-Trichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/11/2011 11:44:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.7	72-135		%REC	1	10/11/2011 11:44:00 PM
Surr: Dibromofluoromethane	105	75.1-135		%REC	1	10/11/2011 11:44:00 PM
Surr: Toluene-d8	109	76.5-134		%REC	1	10/11/2011 11:44:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	8.09			wt%	1	10/12/2011 11:51:25 AM
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Total Organic Carbon by EPA Method 9060

Batch ID: R2103

Analyst: SG

Total Organic Carbon	ND	0.200		%-dry	1	10/12/2011 1:48:00 PM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-005
Client Sample ID: SB-9-70

Collection Date: 10/10/2011 9:23:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0428		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Chloromethane	ND	0.0428		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Vinyl chloride	ND	0.00143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Bromomethane	ND	0.0642		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0357		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Chloroethane	ND	0.0428		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,1-Dichloroethene	ND	0.0357		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Methylene chloride	0.00158	0.0143	J	mg/Kg-dry	1	10/12/2011 12:11:00 AM
trans-1,2-Dichloroethene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0357		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,1-Dichloroethane	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
2,2-Dichloropropane	ND	0.0357		mg/Kg-dry	1	10/12/2011 12:11:00 AM
cis-1,2-Dichloroethene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Chloroform	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Trichloroethane (TCA)	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,1-Dichloropropene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Carbon tetrachloride	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2-Dichloroethane	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Benzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Trichloroethene (TCE)	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2-Dichloropropane	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Bromodichloromethane	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Dibromomethane	ND	0.0285		mg/Kg-dry	1	10/12/2011 12:11:00 AM
cis-1,3-Dichloropropene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Toluene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
trans-1,3-Dichloropropylene	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,1,2-Trichloroethane	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,3-Dichloropropane	ND	0.0357		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Tetrachloroethene (PCE)	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Dibromochloromethane	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2-Dibromoethane (EDB)	ND	0.00357		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Chlorobenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Ethylbenzene	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
m,p-Xylene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-005
Client Sample ID: SB-9-70

Collection Date: 10/10/2011 9:23:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

o-Xylene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Styrene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Isopropylbenzene	ND	0.0571		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Bromoform	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
n-Propylbenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Bromobenzene	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,3,5-Trimethylbenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
2-Chlorotoluene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
4-Chlorotoluene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
tert-Butylbenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2,3-Trichloropropane	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2,4-Trichlorobenzene	ND	0.0357		mg/Kg-dry	1	10/12/2011 12:11:00 AM
sec-Butylbenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
4-Isopropyltoluene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,3-Dichlorobenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,4-Dichlorobenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
n-Butylbenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2-Dichlorobenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2,4-Trimethylbenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Hexachloro-1,3-butadiene	ND	0.0713		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Naphthalene	ND	0.0214		mg/Kg-dry	1	10/12/2011 12:11:00 AM
1,2,3-Trichlorobenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 12:11:00 AM
Surr: 1-Bromo-4-fluorobenzene	88.7	72-135		%REC	1	10/12/2011 12:11:00 AM
Surr: Dibromofluoromethane	103	75.1-135		%REC	1	10/12/2011 12:11:00 AM
Surr: Toluene-d8	103	76.5-134		%REC	1	10/12/2011 12:11:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	16.1			wt%	1	10/12/2011 11:51:25 AM
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Total Organic Carbon by EPA Method 9060

Batch ID: R2103

Analyst: SG

Total Organic Carbon	0.297	0.200		%-dry	1	10/12/2011 2:09:00 PM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-006
Client Sample ID: SB-9-75

Collection Date: 10/10/2011 9:30:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0452		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Chloromethane	ND	0.0452		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Vinyl chloride	ND	0.00151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Bromomethane	ND	0.0677		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0376		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Chloroethane	ND	0.0452		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,1-Dichloroethene	ND	0.0376		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Methylene chloride	0.00129	0.0151	J	mg/Kg-dry	1	10/12/2011 12:38:00 AM
trans-1,2-Dichloroethene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0376		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,1-Dichloroethane	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
2,2-Dichloropropane	ND	0.0376		mg/Kg-dry	1	10/12/2011 12:38:00 AM
cis-1,2-Dichloroethene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Chloroform	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Trichloroethane (TCA)	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,1-Dichloropropene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Carbon tetrachloride	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2-Dichloroethane	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Benzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Trichloroethene (TCE)	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2-Dichloropropane	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Bromodichloromethane	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Dibromomethane	ND	0.0301		mg/Kg-dry	1	10/12/2011 12:38:00 AM
cis-1,3-Dichloropropene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Toluene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
trans-1,3-Dichloropropylene	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,1,2-Trichloroethane	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,3-Dichloropropane	ND	0.0376		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Tetrachloroethene (PCE)	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Dibromochloromethane	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2-Dibromoethane (EDB)	ND	0.00376		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Chlorobenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Ethylbenzene	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
m,p-Xylene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-006
Client Sample ID: SB-9-75

Collection Date: 10/10/2011 9:30:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

o-Xylene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Styrene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Isopropylbenzene	ND	0.0602		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Bromoform	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
n-Propylbenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Bromobenzene	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,3,5-Trimethylbenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
2-Chlorotoluene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
4-Chlorotoluene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
tert-Butylbenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2,3-Trichloropropane	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2,4-Trichlorobenzene	ND	0.0376		mg/Kg-dry	1	10/12/2011 12:38:00 AM
sec-Butylbenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
4-Isopropyltoluene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,3-Dichlorobenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,4-Dichlorobenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
n-Butylbenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2-Dichlorobenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2,4-Trimethylbenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Hexachloro-1,3-butadiene	ND	0.0753		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Naphthalene	ND	0.0226		mg/Kg-dry	1	10/12/2011 12:38:00 AM
1,2,3-Trichlorobenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 12:38:00 AM
Surr: 1-Bromo-4-fluorobenzene	90.3	72-135		%REC	1	10/12/2011 12:38:00 AM
Surr: Dibromofluoromethane	107	75.1-135		%REC	1	10/12/2011 12:38:00 AM
Surr: Toluene-d8	107	76.5-134		%REC	1	10/12/2011 12:38:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	18.8			wt%	1	10/12/2011 11:51:25 AM
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Total Organic Carbon by EPA Method 9060

Batch ID: R2103

Analyst: SG

Total Organic Carbon	0.262	0.200		%-dry	1	10/12/2011 2:20:00 PM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-007
Client Sample ID: SB-9-80

Collection Date: 10/10/2011 9:35:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0425		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Chloromethane	ND	0.0425		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Vinyl chloride	ND	0.00142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Bromomethane	ND	0.0638		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0354		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Chloroethane	ND	0.0425		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,1-Dichloroethene	ND	0.0354		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Methylene chloride	0.00200	0.0142	J	mg/Kg-dry	1	10/12/2011 1:05:00 AM
trans-1,2-Dichloroethene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0354		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,1-Dichloroethane	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
2,2-Dichloropropane	ND	0.0354		mg/Kg-dry	1	10/12/2011 1:05:00 AM
cis-1,2-Dichloroethene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Chloroform	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Trichloroethane (TCA)	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,1-Dichloropropene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Carbon tetrachloride	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2-Dichloroethane	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Benzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2-Dichloropropane	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Bromodichloromethane	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Dibromomethane	ND	0.0283		mg/Kg-dry	1	10/12/2011 1:05:00 AM
cis-1,3-Dichloropropene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Toluene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
trans-1,3-Dichloropropylene	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,1,2-Trichloroethane	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,3-Dichloropropane	ND	0.0354		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Tetrachloroethene (PCE)	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Dibromochloromethane	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2-Dibromoethane (EDB)	ND	0.00354		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Chlorobenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Ethylbenzene	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
m,p-Xylene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-007
Client Sample ID: SB-9-80

Collection Date: 10/10/2011 9:35:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1258

Analyst: PH

o-Xylene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Styrene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Isopropylbenzene	ND	0.0567		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Bromoform	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
n-Propylbenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Bromobenzene	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,3,5-Trimethylbenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
2-Chlorotoluene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
4-Chlorotoluene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
tert-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2,3-Trichloropropane	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2,4-Trichlorobenzene	ND	0.0354		mg/Kg-dry	1	10/12/2011 1:05:00 AM
sec-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
4-Isopropyltoluene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,3-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,4-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
n-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2,4-Trimethylbenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Hexachloro-1,3-butadiene	ND	0.0708		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Naphthalene	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:05:00 AM
1,2,3-Trichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/12/2011 1:05:00 AM
Surr: 1-Bromo-4-fluorobenzene	93.0	72-135		%REC	1	10/12/2011 1:05:00 AM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/12/2011 1:05:00 AM
Surr: Toluene-d8	107	76.5-134		%REC	1	10/12/2011 1:05:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	20.6			wt%	1	10/12/2011 11:51:25 AM
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Total Organic Carbon by EPA Method 9060

Batch ID: R2103

Analyst: SG

Total Organic Carbon	0.328	0.200		%-dry	1	10/12/2011 2:32:00 PM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-008
Client Sample ID: SB-9-C-50-65

Collection Date: 10/10/2011 10:00:00 A
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0682		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Chloromethane	0.00245	0.0682	J	mg/Kg-dry	1	10/12/2011 12:01:00 PM
Vinyl chloride	ND	0.00227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Bromomethane	ND	0.102		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0568		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Chloroethane	ND	0.0682		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,1-Dichloroethene	ND	0.0568		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Methylene chloride	0.00336	0.0227	J	mg/Kg-dry	1	10/12/2011 12:01:00 PM
trans-1,2-Dichloroethene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0568		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,1-Dichloroethane	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
2,2-Dichloropropane	ND	0.0568		mg/Kg-dry	1	10/12/2011 12:01:00 PM
cis-1,2-Dichloroethene	0.00114	0.0227	J	mg/Kg-dry	1	10/12/2011 12:01:00 PM
Chloroform	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Trichloroethane (TCA)	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,1-Dichloropropene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Carbon tetrachloride	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2-Dichloroethane	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Benzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Trichloroethene (TCE)	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2-Dichloropropane	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Bromodichloromethane	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Dibromomethane	ND	0.0455		mg/Kg-dry	1	10/12/2011 12:01:00 PM
cis-1,3-Dichloropropene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Toluene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
trans-1,3-Dichloropropylene	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,1,2-Trichloroethane	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,3-Dichloropropane	ND	0.0568		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Tetrachloroethene (PCE)	0.0221	0.0227	J	mg/Kg-dry	1	10/12/2011 12:01:00 PM
Dibromochloromethane	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2-Dibromoethane (EDB)	ND	0.00568		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Chlorobenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Ethylbenzene	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
m,p-Xylene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/10/2011 10:00:00 A

Project: SRO-Bellevue Corner Property

Lab ID: 1110038-008

Matrix: Soil

Client Sample ID: SB-9-C-50-65

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

o-Xylene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Styrene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Isopropylbenzene	ND	0.0909		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Bromoform	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
n-Propylbenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Bromobenzene	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,3,5-Trimethylbenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
2-Chlorotoluene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
4-Chlorotoluene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
tert-Butylbenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2,3-Trichloropropane	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2,4-Trichlorobenzene	ND	0.0568		mg/Kg-dry	1	10/12/2011 12:01:00 PM
sec-Butylbenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
4-Isopropyltoluene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,3-Dichlorobenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,4-Dichlorobenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
n-Butylbenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2-Dichlorobenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2,4-Trimethylbenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Hexachloro-1,3-butadiene	ND	0.114		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Naphthalene	ND	0.0341		mg/Kg-dry	1	10/12/2011 12:01:00 PM
1,2,3-Trichlorobenzene	ND	0.0227		mg/Kg-dry	1	10/12/2011 12:01:00 PM
Surr: 1-Bromo-4-fluorobenzene	89.4	72-135		%REC	1	10/12/2011 12:01:00 PM
Surr: Dibromofluoromethane	106	75.1-135		%REC	1	10/12/2011 12:01:00 PM
Surr: Toluene-d8	96.9	76.5-134		%REC	1	10/12/2011 12:01:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	15.7			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/10/2011 9:50:00 AM

Project: SRO-Bellevue Corner Property

Lab ID: 1110038-009

Matrix: Water

Client Sample ID: SB-9-GW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2104

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Chloromethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Vinyl chloride	ND	0.200		µg/L	1	10/11/2011 3:42:00 PM
Bromomethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Chloroethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Methylene chloride	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	10/11/2011 3:42:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Chloroform	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Trichloroethane (TCA)	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Benzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Dibromomethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Toluene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Tetrachloroethene (PCE)	0.270	1.00	J	µg/L	1	10/11/2011 3:42:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	10/11/2011 3:42:00 PM
Chlorobenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Ethylbenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
m,p-Xylene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation

Collection Date: 10/10/2011 9:50:00 AM

Project: SRO-Bellevue Corner Property

Lab ID: 1110038-009

Matrix: Water

Client Sample ID: SB-9-GW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2104

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Styrene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Bromoform	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Bromobenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	10/11/2011 3:42:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	10/11/2011 3:42:00 PM
Naphthalene	ND	1.00		µg/L	1	10/11/2011 3:42:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	10/11/2011 3:42:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	72-135		%REC	1	10/11/2011 3:42:00 PM
Surr: Dibromofluoromethane	99.2	75.1-135		%REC	1	10/11/2011 3:42:00 PM
Surr: Toluene-d8	109	76.5-134		%REC	1	10/11/2011 3:42:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-010
Client Sample ID: SB-15-50

Collection Date: 10/10/2011 1:20:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0385		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Chloromethane	ND	0.0385		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Vinyl chloride	ND	0.00128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Bromomethane	ND	0.0577		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0321		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Chloroethane	ND	0.0385		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,1-Dichloroethene	ND	0.0321		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Methylene chloride	0.00106	0.0128	J	mg/Kg-dry	1	10/12/2011 12:28:00 PM
trans-1,2-Dichloroethene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0321		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,1-Dichloroethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
2,2-Dichloropropane	ND	0.0321		mg/Kg-dry	1	10/12/2011 12:28:00 PM
cis-1,2-Dichloroethene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Chloroform	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Trichloroethane (TCA)	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,1-Dichloropropene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Carbon tetrachloride	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2-Dichloroethane	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Benzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Trichloroethene (TCE)	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2-Dichloropropane	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Bromodichloromethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Dibromomethane	ND	0.0256		mg/Kg-dry	1	10/12/2011 12:28:00 PM
cis-1,3-Dichloropropene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Toluene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
trans-1,3-Dichloropropylene	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,1,2-Trichloroethane	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,3-Dichloropropane	ND	0.0321		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Tetrachloroethene (PCE)	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Dibromochloromethane	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2-Dibromoethane (EDB)	ND	0.00321		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Chlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Ethylbenzene	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
m,p-Xylene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-010
Client Sample ID: SB-15-50

Collection Date: 10/10/2011 1:20:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

o-Xylene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Styrene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Isopropylbenzene	ND	0.0513		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Bromoform	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
n-Propylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Bromobenzene	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,3,5-Trimethylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
2-Chlorotoluene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
4-Chlorotoluene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
tert-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2,3-Trichloropropane	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2,4-Trichlorobenzene	ND	0.0321		mg/Kg-dry	1	10/12/2011 12:28:00 PM
sec-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
4-Isopropyltoluene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,3-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,4-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
n-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2,4-Trimethylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Hexachloro-1,3-butadiene	ND	0.0641		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Naphthalene	ND	0.0192		mg/Kg-dry	1	10/12/2011 12:28:00 PM
1,2,3-Trichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 12:28:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.2	72-135		%REC	1	10/12/2011 12:28:00 PM
Surr: Dibromofluoromethane	108	75.1-135		%REC	1	10/12/2011 12:28:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	10/12/2011 12:28:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	7.61			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-011
Client Sample ID: SB-15-55

Collection Date: 10/10/2011 1:30:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0255		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Chloromethane	ND	0.0255		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Vinyl chloride	ND	0.000851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Bromomethane	ND	0.0383		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Chloroethane	ND	0.0255		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Methylene chloride	0.000706	0.00851	J	mg/Kg-dry	1	10/12/2011 1:22:00 PM
trans-1,2-Dichloroethene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,1-Dichloroethane	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
2,2-Dichloropropane	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:22:00 PM
cis-1,2-Dichloroethene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Chloroform	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Trichloroethane (TCA)	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,1-Dichloropropene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Carbon tetrachloride	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2-Dichloroethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Benzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Trichloroethene (TCE)	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2-Dichloropropane	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Bromodichloromethane	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Dibromomethane	ND	0.0170		mg/Kg-dry	1	10/12/2011 1:22:00 PM
cis-1,3-Dichloropropene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Toluene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
trans-1,3-Dichloropropylene	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,1,2-Trichloroethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,3-Dichloropropane	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Tetrachloroethene (PCE)	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Dibromochloromethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2-Dibromoethane (EDB)	ND	0.00213		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Chlorobenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Ethylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
m,p-Xylene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-011
Client Sample ID: SB-15-55

Collection Date: 10/10/2011 1:30:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

o-Xylene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Styrene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Isopropylbenzene	ND	0.0340		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Bromoform	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
n-Propylbenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Bromobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,3,5-Trimethylbenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
2-Chlorotoluene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
4-Chlorotoluene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
tert-Butylbenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2,3-Trichloropropane	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2,4-Trichlorobenzene	ND	0.0213		mg/Kg-dry	1	10/12/2011 1:22:00 PM
sec-Butylbenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
4-Isopropyltoluene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,3-Dichlorobenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,4-Dichlorobenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
n-Butylbenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2-Dichlorobenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2,4-Trimethylbenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Hexachloro-1,3-butadiene	ND	0.0425		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Naphthalene	ND	0.0128		mg/Kg-dry	1	10/12/2011 1:22:00 PM
1,2,3-Trichlorobenzene	ND	0.00851		mg/Kg-dry	1	10/12/2011 1:22:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.5	72-135		%REC	1	10/12/2011 1:22:00 PM
Surr: Dibromofluoromethane	110	75.1-135		%REC	1	10/12/2011 1:22:00 PM
Surr: Toluene-d8	106	76.5-134		%REC	1	10/12/2011 1:22:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	7.21			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-012
Client Sample ID: SB-15-60

Collection Date: 10/10/2011 1:35:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0302		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Chloromethane	ND	0.0302		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Vinyl chloride	ND	0.00101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Bromomethane	ND	0.0453		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0252		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Chloroethane	ND	0.0302		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,1-Dichloroethene	ND	0.0252		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Methylene chloride	0.000806	0.0101	J	mg/Kg-dry	1	10/12/2011 2:17:00 PM
trans-1,2-Dichloroethene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0252		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,1-Dichloroethane	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
2,2-Dichloropropane	ND	0.0252		mg/Kg-dry	1	10/12/2011 2:17:00 PM
cis-1,2-Dichloroethene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Chloroform	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Trichloroethane (TCA)	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,1-Dichloropropene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Carbon tetrachloride	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2-Dichloroethane	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Benzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Trichloroethene (TCE)	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2-Dichloropropane	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Bromodichloromethane	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Dibromomethane	ND	0.0201		mg/Kg-dry	1	10/12/2011 2:17:00 PM
cis-1,3-Dichloropropene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Toluene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
trans-1,3-Dichloropropylene	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,1,2-Trichloroethane	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,3-Dichloropropane	ND	0.0252		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Tetrachloroethene (PCE)	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Dibromochloromethane	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2-Dibromoethane (EDB)	ND	0.00252		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Chlorobenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Ethylbenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
m,p-Xylene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-012
Client Sample ID: SB-15-60

Collection Date: 10/10/2011 1:35:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

o-Xylene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Styrene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Isopropylbenzene	ND	0.0403		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Bromoform	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
n-Propylbenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Bromobenzene	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,3,5-Trimethylbenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
2-Chlorotoluene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
4-Chlorotoluene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
tert-Butylbenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2,3-Trichloropropane	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2,4-Trichlorobenzene	ND	0.0252		mg/Kg-dry	1	10/12/2011 2:17:00 PM
sec-Butylbenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
4-Isopropyltoluene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,3-Dichlorobenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,4-Dichlorobenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
n-Butylbenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2-Dichlorobenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2,4-Trimethylbenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Hexachloro-1,3-butadiene	ND	0.0504		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Naphthalene	ND	0.0151		mg/Kg-dry	1	10/12/2011 2:17:00 PM
1,2,3-Trichlorobenzene	ND	0.0101		mg/Kg-dry	1	10/12/2011 2:17:00 PM
Surr: 1-Bromo-4-fluorobenzene	87.9	72-135		%REC	1	10/12/2011 2:17:00 PM
Surr: Dibromofluoromethane	110	75.1-135		%REC	1	10/12/2011 2:17:00 PM
Surr: Toluene-d8	105	76.5-134		%REC	1	10/12/2011 2:17:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	8.29			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-013
Client Sample ID: SB-15-65

Collection Date: 10/10/2011 1:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0419		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Chloromethane	ND	0.0419		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Vinyl chloride	ND	0.00140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Bromomethane	ND	0.0629		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0349		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Chloroethane	ND	0.0419		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,1-Dichloroethene	ND	0.0349		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Methylene chloride	0.00112	0.0140	J	mg/Kg-dry	1	10/12/2011 2:44:00 PM
trans-1,2-Dichloroethene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0349		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,1-Dichloroethane	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
2,2-Dichloropropane	ND	0.0349		mg/Kg-dry	1	10/12/2011 2:44:00 PM
cis-1,2-Dichloroethene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Chloroform	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Trichloroethane (TCA)	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,1-Dichloropropene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Carbon tetrachloride	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2-Dichloroethane	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Benzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Trichloroethene (TCE)	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2-Dichloropropane	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Bromodichloromethane	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Dibromomethane	ND	0.0280		mg/Kg-dry	1	10/12/2011 2:44:00 PM
cis-1,3-Dichloropropene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Toluene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
trans-1,3-Dichloropropylene	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,1,2-Trichloroethane	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,3-Dichloropropane	ND	0.0349		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Tetrachloroethene (PCE)	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Dibromochloromethane	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2-Dibromoethane (EDB)	ND	0.00349		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Chlorobenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Ethylbenzene	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
m,p-Xylene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-013
Client Sample ID: SB-15-65

Collection Date: 10/10/2011 1:45:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

o-Xylene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Styrene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Isopropylbenzene	ND	0.0559		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Bromoform	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
n-Propylbenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Bromobenzene	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,3,5-Trimethylbenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
2-Chlorotoluene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
4-Chlorotoluene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
tert-Butylbenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2,3-Trichloropropane	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2,4-Trichlorobenzene	ND	0.0349		mg/Kg-dry	1	10/12/2011 2:44:00 PM
sec-Butylbenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
4-Isopropyltoluene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,3-Dichlorobenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,4-Dichlorobenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
n-Butylbenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2-Dichlorobenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2,4-Trimethylbenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Hexachloro-1,3-butadiene	ND	0.0699		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Naphthalene	ND	0.0210		mg/Kg-dry	1	10/12/2011 2:44:00 PM
1,2,3-Trichlorobenzene	ND	0.0140		mg/Kg-dry	1	10/12/2011 2:44:00 PM
Surr: 1-Bromo-4-fluorobenzene	90.0	72-135		%REC	1	10/12/2011 2:44:00 PM
Surr: Dibromofluoromethane	108	75.1-135		%REC	1	10/12/2011 2:44:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	10/12/2011 2:44:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	7.63			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-014
Client Sample ID: SB-15-70

Collection Date: 10/10/2011 1:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0380		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Chloromethane	ND	0.0380		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Vinyl chloride	ND	0.00127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Bromomethane	ND	0.0570		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0317		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Chloroethane	ND	0.0380		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,1-Dichloroethene	ND	0.0317		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Methylene chloride	0.00191	0.0127	J	mg/Kg-dry	1	10/12/2011 3:11:00 PM
trans-1,2-Dichloroethene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0317		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,1-Dichloroethane	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
2,2-Dichloropropane	ND	0.0317		mg/Kg-dry	1	10/12/2011 3:11:00 PM
cis-1,2-Dichloroethene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Chloroform	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Trichloroethane (TCA)	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,1-Dichloropropene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Carbon tetrachloride	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2-Dichloroethane	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Benzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Trichloroethene (TCE)	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2-Dichloropropane	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Bromodichloromethane	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Dibromomethane	ND	0.0253		mg/Kg-dry	1	10/12/2011 3:11:00 PM
cis-1,3-Dichloropropene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Toluene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
trans-1,3-Dichloropropylene	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,1,2-Trichloroethane	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,3-Dichloropropane	ND	0.0317		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Tetrachloroethene (PCE)	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Dibromochloromethane	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2-Dibromoethane (EDB)	ND	0.00317		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Chlorobenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Ethylbenzene	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
m,p-Xylene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-014
Client Sample ID: SB-15-70

Collection Date: 10/10/2011 1:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

o-Xylene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Styrene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Isopropylbenzene	ND	0.0507		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Bromoform	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
n-Propylbenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Bromobenzene	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,3,5-Trimethylbenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
2-Chlorotoluene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
4-Chlorotoluene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
tert-Butylbenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2,3-Trichloropropane	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2,4-Trichlorobenzene	ND	0.0317		mg/Kg-dry	1	10/12/2011 3:11:00 PM
sec-Butylbenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
4-Isopropyltoluene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,3-Dichlorobenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,4-Dichlorobenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
n-Butylbenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2-Dichlorobenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2,4-Trimethylbenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Hexachloro-1,3-butadiene	ND	0.0634		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Naphthalene	ND	0.0190		mg/Kg-dry	1	10/12/2011 3:11:00 PM
1,2,3-Trichlorobenzene	ND	0.0127		mg/Kg-dry	1	10/12/2011 3:11:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.3	72-135		%REC	1	10/12/2011 3:11:00 PM
Surr: Dibromofluoromethane	112	75.1-135		%REC	1	10/12/2011 3:11:00 PM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/12/2011 3:11:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	22.0			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-015
Client Sample ID: SB-15-C-40-75

Collection Date: 10/10/2011 1:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0683		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Chloromethane	ND	0.0683		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Vinyl chloride	ND	0.00228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Bromomethane	ND	0.102		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0569		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Chloroethane	ND	0.0683		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,1-Dichloroethene	ND	0.0569		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Methylene chloride	0.00344	0.0228	J	mg/Kg-dry	1	10/12/2011 3:38:00 PM
trans-1,2-Dichloroethene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0569		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,1-Dichloroethane	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
2,2-Dichloropropane	ND	0.0569		mg/Kg-dry	1	10/12/2011 3:38:00 PM
cis-1,2-Dichloroethene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Chloroform	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Trichloroethane (TCA)	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,1-Dichloropropene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Carbon tetrachloride	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2-Dichloroethane	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Benzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Trichloroethene (TCE)	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2-Dichloropropane	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Bromodichloromethane	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Dibromomethane	ND	0.0455		mg/Kg-dry	1	10/12/2011 3:38:00 PM
cis-1,3-Dichloropropene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Toluene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
trans-1,3-Dichloropropylene	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,1,2-Trichloroethane	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,3-Dichloropropane	ND	0.0569		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Tetrachloroethene (PCE)	0.000843	0.0228	J	mg/Kg-dry	1	10/12/2011 3:38:00 PM
Dibromochloromethane	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2-Dibromoethane (EDB)	ND	0.00569		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Chlorobenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Ethylbenzene	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
m,p-Xylene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/10/2011 1:50:00 PM

Project: SRO-Bellevue Corner Property

Lab ID: 1110038-015

Matrix: Soil

Client Sample ID: SB-15-C-40-75

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

o-Xylene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Styrene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Isopropylbenzene	ND	0.0911		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Bromoform	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
n-Propylbenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Bromobenzene	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,3,5-Trimethylbenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
2-Chlorotoluene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
4-Chlorotoluene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
tert-Butylbenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2,3-Trichloropropane	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2,4-Trichlorobenzene	ND	0.0569		mg/Kg-dry	1	10/12/2011 3:38:00 PM
sec-Butylbenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
4-Isopropyltoluene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,3-Dichlorobenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,4-Dichlorobenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
n-Butylbenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2-Dichlorobenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2,4-Trimethylbenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Hexachloro-1,3-butadiene	ND	0.114		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Naphthalene	ND	0.0342		mg/Kg-dry	1	10/12/2011 3:38:00 PM
1,2,3-Trichlorobenzene	ND	0.0228		mg/Kg-dry	1	10/12/2011 3:38:00 PM
Surr: 1-Bromo-4-fluorobenzene	91.3	72-135		%REC	1	10/12/2011 3:38:00 PM
Surr: Dibromofluoromethane	110	75.1-135		%REC	1	10/12/2011 3:38:00 PM
Surr: Toluene-d8	102	76.5-134		%REC	1	10/12/2011 3:38:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	12.3			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-016
Client Sample ID: SB-15-75

Collection Date: 10/10/2011 2:00:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0358		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Chloromethane	ND	0.0358		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Vinyl chloride	ND	0.00119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Bromomethane	ND	0.0537		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0298		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Chloroethane	ND	0.0358		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,1-Dichloroethene	ND	0.0298		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Methylene chloride	0.00136	0.0119	J	mg/Kg-dry	1	10/12/2011 4:05:00 PM
trans-1,2-Dichloroethene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0298		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,1-Dichloroethane	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
2,2-Dichloropropane	ND	0.0298		mg/Kg-dry	1	10/12/2011 4:05:00 PM
cis-1,2-Dichloroethene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Chloroform	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Trichloroethane (TCA)	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,1-Dichloropropene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Carbon tetrachloride	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2-Dichloroethane	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Benzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Trichloroethene (TCE)	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2-Dichloropropane	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Bromodichloromethane	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Dibromomethane	ND	0.0239		mg/Kg-dry	1	10/12/2011 4:05:00 PM
cis-1,3-Dichloropropene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Toluene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
trans-1,3-Dichloropropylene	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,1,2-Trichloroethane	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,3-Dichloropropane	ND	0.0298		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Tetrachloroethene (PCE)	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Dibromochloromethane	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2-Dibromoethane (EDB)	ND	0.00298		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Chlorobenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Ethylbenzene	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
m,p-Xylene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-016
Client Sample ID: SB-15-75

Collection Date: 10/10/2011 2:00:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2110

Analyst: PH

o-Xylene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Styrene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Isopropylbenzene	ND	0.0477		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Bromoform	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
n-Propylbenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Bromobenzene	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,3,5-Trimethylbenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
2-Chlorotoluene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
4-Chlorotoluene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
tert-Butylbenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2,3-Trichloropropane	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2,4-Trichlorobenzene	ND	0.0298		mg/Kg-dry	1	10/12/2011 4:05:00 PM
sec-Butylbenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
4-Isopropyltoluene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,3-Dichlorobenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,4-Dichlorobenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
n-Butylbenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2-Dichlorobenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2,4-Trimethylbenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Hexachloro-1,3-butadiene	ND	0.0597		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Naphthalene	ND	0.0179		mg/Kg-dry	1	10/12/2011 4:05:00 PM
1,2,3-Trichlorobenzene	ND	0.0119		mg/Kg-dry	1	10/12/2011 4:05:00 PM
Surr: 1-Bromo-4-fluorobenzene	93.4	72-135		%REC	1	10/12/2011 4:05:00 PM
Surr: Dibromofluoromethane	112	75.1-135		%REC	1	10/12/2011 4:05:00 PM
Surr: Toluene-d8	105	76.5-134		%REC	1	10/12/2011 4:05:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	18.2			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110038

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110038-017
Client Sample ID: SB-15-GW

Collection Date: 10/10/2011 2:10:00 PM
Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2104

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Chloromethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Vinyl chloride	ND	0.200		µg/L	1	10/11/2011 4:34:00 PM
Bromomethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Chloroethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Methylene chloride	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	10/11/2011 4:34:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Chloroform	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Trichloroethane (TCA)	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Benzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Dibromomethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Toluene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,2-Dibromoethane (EDB)	ND	0.0100		µg/L	1	10/11/2011 4:34:00 PM
Chlorobenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Ethylbenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
m,p-Xylene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation

Collection Date: 10/10/2011 2:10:00 PM

Project: SRO-Bellevue Corner Property

Lab ID: 1110038-017

Matrix: Water

Client Sample ID: SB-15-GW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2104

Analyst: PH

o-Xylene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Styrene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Bromoform	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Bromobenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	10/11/2011 4:34:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	10/11/2011 4:34:00 PM
Hexachloro-1,3-butadiene	ND	4.00		µg/L	1	10/11/2011 4:34:00 PM
Naphthalene	0.230	1.00	J	µg/L	1	10/11/2011 4:34:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	10/11/2011 4:34:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.9	72-135		%REC	1	10/11/2011 4:34:00 PM
Surr: Dibromofluoromethane	98.4	75.1-135		%REC	1	10/11/2011 4:34:00 PM
Surr: Toluene-d8	108	76.5-134		%REC	1	10/11/2011 4:34:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT

Total Organic Carbon by EPA Method 9060

Sample ID: MB-R2103	SampType: MBLK	Units: %-dry	Prep Date: 10/12/2011	RunNo: 2103							
Client ID: MBLKS	Batch ID: R2103		Analysis Date: 10/12/2011	SeqNo: 37304							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Organic Carbon	ND	0.200									
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Sample ID: LCS-R2103	SampType: LCS	Units: %-dry	Prep Date: 10/12/2011	RunNo: 2103							
Client ID: LCSS	Batch ID: R2103		Analysis Date: 10/12/2011	SeqNo: 37305							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Organic Carbon	35.2	0.200	40.00	0	87.9	85	115				
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Sample ID: 1110038-001CDUP	SampType: DUP	Units: %-dry	Prep Date: 10/12/2011	RunNo: 2103							
Client ID: SB-9-50	Batch ID: R2103		Analysis Date: 10/12/2011	SeqNo: 37307							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Organic Carbon	ND	0.200						0	0	30	
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Sample ID: 1110038-001CMS	SampType: MS	Units: %-dry	Prep Date: 10/12/2011	RunNo: 2103							
Client ID: SB-9-50	Batch ID: R2103		Analysis Date: 10/12/2011	SeqNo: 37308							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Organic Carbon	1.53	0.200	1.600	0	95.6	85	115				
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Sample ID: 1110038-001CMSD	SampType: MSD	Units: %-dry	Prep Date: 10/12/2011	RunNo: 2103							
Client ID: SB-9-50	Batch ID: R2103		Analysis Date: 10/12/2011	SeqNo: 37309							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Organic Carbon	1.57	0.200	1.600	0	98.2	85	115	1.530	2.71	20	
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Qualifiers:
D Dilution was required
E Value above quantitation range
H Holding times for preparation or analysis e
J Analyte detected below quantitation limits
ND Not detected at the Reporting Limit
R RPD outside accepted recovery limits
RL Reporting Limit
S Spike recovery outside accepted recovery limits



Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1258	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2108
Client ID: MBLKS	Batch ID: 1258		Analysis Date: 10/11/2011	SeqNo: 37388

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.00248	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1258	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2108
Client ID: MBLKS	Batch ID: 1258		Analysis Date: 10/11/2011	SeqNo: 37388

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									

Qualifiers:

D Dilution was required	E Value above quantitation range	H Holding times for preparation or analysis e
J Analyte detected below quantitation limits	ND Not detected at the Reporting Limit	R RPD outside accepted recovery limits
RL Reporting Limit	S Spike recovery outside accepted recovery limits	

Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1258	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2108							
Client ID: MBLKS	Batch ID: 1258		Analysis Date: 10/11/2011	SeqNo: 37388							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0187		0.02000		93.3	72	135				
Surr: Dibromofluoromethane	0.0197		0.02000		98.5	75.1	135				
Surr: Toluene-d8	0.0212		0.02000		106	76.5	134				

Sample ID: LCS-1258	SampType: LCS	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2108							
Client ID: LCSS	Batch ID: 1258		Analysis Date: 10/11/2011	SeqNo: 37389							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.234	0.0500	0.2000	0	117	65	135				
Benzene	0.243	0.0200	0.2000	0	121	65	135				
Trichloroethene (TCE)	0.222	0.0300	0.2000	0	111	65	135				
Toluene	0.209	0.0200	0.2000	0	105	65	135				
Tetrachloroethene (PCE)	0.163	0.0200	0.1600	0	102	65	135				
Chlorobenzene	0.239	0.0200	0.2000	0	120	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0193		0.02000		96.3	72	144				
Surr: Dibromofluoromethane	0.0194		0.02000		97.1	75.1	137				
Surr: Toluene-d8	0.0214		0.02000		107	76.5	134				

Qualifiers:

D	Dilution was required	E	Value above quantitation range	H	Holding times for preparation or analysis e
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit	R	RPD outside accepted recovery limits
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits		



Date: 10/14/2011

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110038-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2108
Client ID: SB-9-50	Batch ID: 1258		Analysis Date: 10/11/2011	SeqNo: 37391

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0426						0	0	30	
Chloromethane	ND	0.0426						0	0	30	
Vinyl chloride	ND	0.00142						0	0	30	
Bromomethane	ND	0.0638						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0355						0	0	30	
Chloroethane	ND	0.0426						0	0	30	
1,1-Dichloroethene	ND	0.0355						0	0	30	
Methylene chloride	0.00115	0.0142						0.001277	10.5	30	J
trans-1,2-Dichloroethene	ND	0.0142						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0355						0	0	30	
1,1-Dichloroethane	ND	0.0142						0	0	30	
2,2-Dichloropropane	ND	0.0355						0	0	30	
cis-1,2-Dichloroethene	0.00199	0.0142						0.002170	8.87	30	J
Chloroform	ND	0.0142						0	0	30	
Trichloroethane (TCA)	ND	0.0142						0	0	30	
1,1-Dichloropropene	ND	0.0142						0	0	30	
Carbon tetrachloride	ND	0.0142						0	0	30	
1,2-Dichloroethane	ND	0.0213						0	0	30	
Benzene	ND	0.0142						0	0	30	
Trichloroethene (TCE)	0.00165	0.0213						0	200	30	JR
1,2-Dichloropropane	ND	0.0142						0	0	30	
Bromodichloromethane	ND	0.0142						0	0	30	
Dibromomethane	ND	0.0284						0	0	30	
cis-1,3-Dichloropropene	ND	0.0142						0	0	30	
Toluene	ND	0.0142						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0213						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110038-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2108
Client ID: SB-9-50	Batch ID: 1258		Analysis Date: 10/11/2011	SeqNo: 37391

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0213						0	0	30	
1,3-Dichloropropane	ND	0.0355						0	0	30	
Tetrachloroethene (PCE)	0.0300	0.0142						0.02183	31.5	30	R
Dibromochloromethane	ND	0.0213						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00355						0	0	30	
Chlorobenzene	ND	0.0142						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0213						0	0	30	
Ethylbenzene	ND	0.0213						0	0	30	
m,p-Xylene	ND	0.0142						0	0	30	
o-Xylene	ND	0.0142						0	0	30	
Styrene	ND	0.0142						0	0	30	
Isopropylbenzene	ND	0.0567						0	0	30	
Bromoform	ND	0.0142						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0142						0	0	30	
n-Propylbenzene	ND	0.0142						0	0	30	
Bromobenzene	ND	0.0213						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0142						0	0	30	
2-Chlorotoluene	ND	0.0142						0	0	30	
4-Chlorotoluene	ND	0.0142						0	0	30	
tert-Butylbenzene	ND	0.0142						0	0	30	
1,2,3-Trichloropropane	ND	0.0142						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0355						0	0	30	
sec-Butylbenzene	ND	0.0142						0	0	30	
4-Isopropyltoluene	ND	0.0142						0	0	30	
1,3-Dichlorobenzene	ND	0.0142						0	0	30	
1,4-Dichlorobenzene	ND	0.0142						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110038-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2108
Client ID: SB-9-50	Batch ID: 1258	Analysis Date: 10/11/2011	SeqNo: 37391	

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0142						0	0	30	
1,2-Dichlorobenzene	ND	0.0142						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0213						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0142						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0709						0	0	30	
Naphthalene	ND	0.0213						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0142						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0139		0.01418		97.7	72	135		0		
Surr: Dibromofluoromethane	0.0145		0.01418		102	75.1	135		0		
Surr: Toluene-d8	0.0153		0.01418		108	76.5	134		0		

Sample ID: 1110038-002AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2108
Client ID: SB-9-55	Batch ID: 1258	Analysis Date: 10/11/2011	SeqNo: 37393	

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.104	0.0324	0.1297	0	80.1	65	135				
Benzene	0.118	0.0130	0.1297	0	91.1	65	135				
Trichloroethene (TCE)	0.124	0.0194	0.1297	0.006236	90.9	65	135				
Toluene	0.135	0.0130	0.1297	0	104	65	135				
Tetrachloroethene (PCE)	0.382	0.0130	0.1037	0.2759	102	65	135				
Chlorobenzene	0.104	0.0130	0.1297	0	80.1	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0113		0.01297		87.3	72	144				
Surr: Dibromofluoromethane	0.0130		0.01297		100	75.1	137				
Surr: Toluene-d8	0.0136		0.01297		105	76.5	134				

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2110	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2110
Client ID: MBLKS	Batch ID: R2110		Analysis Date: 10/12/2011	SeqNo: 37408

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.00292	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2110	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2110
Client ID: MBLKS	Batch ID: R2110		Analysis Date: 10/12/2011	SeqNo: 37408

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									

Qualifiers:

D	Dilution was required	E	Value above quantitation range	H	Holding times for preparation or analysis e
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit	R	RPD outside accepted recovery limits
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits		

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2110	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2110							
Client ID: MBLKS	Batch ID: R2110		Analysis Date: 10/12/2011	SeqNo: 37408							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0200		0.02000		100	72	135				
Surr: Dibromofluoromethane	0.0214		0.02000		107	75.1	135				
Surr: Toluene-d8	0.0207		0.02000		104	76.5	134				

Sample ID: LCS-R2110	SampType: LCS	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2110							
Client ID: LCSS	Batch ID: R2110		Analysis Date: 10/12/2011	SeqNo: 37409							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.257	0.0500	0.2000	0	129	65	135				
Benzene	0.259	0.0200	0.2000	0	130	65	135				
Trichloroethene (TCE)	0.250	0.0300	0.2000	0	125	65	135				
Toluene	0.243	0.0200	0.2000	0	122	65	135				
Tetrachloroethene (PCE)	0.201	0.0200	0.1600	0	126	65	135				
Chlorobenzene	0.224	0.0200	0.2000	0	112	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0191		0.02000		95.7	72	144				
Surr: Dibromofluoromethane	0.0205		0.02000		103	75.1	137				
Surr: Toluene-d8	0.0207		0.02000		104	76.5	134				

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110038-010ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2110
Client ID: SB-15-50	Batch ID: R2110		Analysis Date: 10/12/2011	SeqNo: 37412

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0377						0	0	30	
Chloromethane	ND	0.0377						0	0	30	
Vinyl chloride	ND	0.00126						0	0	30	
Bromomethane	ND	0.0566						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0314						0	0	30	
Chloroethane	ND	0.0377						0	0	30	
1,1-Dichloroethene	ND	0.0314						0	0	30	
Methylene chloride	0.00126	0.0126						0.001064	16.7	30	J
trans-1,2-Dichloroethene	ND	0.0126						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0314						0	0	30	
1,1-Dichloroethane	ND	0.0126						0	0	30	
2,2-Dichloropropane	ND	0.0314						0	0	30	
cis-1,2-Dichloroethene	ND	0.0126						0	0	30	
Chloroform	ND	0.0126						0	0	30	
Trichloroethane (TCA)	ND	0.0126						0	0	30	
1,1-Dichloropropene	ND	0.0126						0	0	30	
Carbon tetrachloride	ND	0.0126						0	0	30	
1,2-Dichloroethane	ND	0.0189						0	0	30	
Benzene	ND	0.0126						0	0	30	
Trichloroethene (TCE)	ND	0.0189						0	0	30	
1,2-Dichloropropane	ND	0.0126						0	0	30	
Bromodichloromethane	ND	0.0126						0	0	30	
Dibromomethane	ND	0.0252						0	0	30	
cis-1,3-Dichloropropene	ND	0.0126						0	0	30	
Toluene	ND	0.0126						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0189						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110038-010ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2110
Client ID: SB-15-50	Batch ID: R2110		Analysis Date: 10/12/2011	SeqNo: 37412

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0189						0	0	30	
1,3-Dichloropropane	ND	0.0314						0	0	30	
Tetrachloroethene (PCE)	ND	0.0126						0	0	30	
Dibromochloromethane	ND	0.0189						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00314						0	0	30	
Chlorobenzene	ND	0.0126						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0189						0	0	30	
Ethylbenzene	ND	0.0189						0	0	30	
m,p-Xylene	ND	0.0126						0	0	30	
o-Xylene	ND	0.0126						0	0	30	
Styrene	ND	0.0126						0	0	30	
Isopropylbenzene	ND	0.0503						0	0	30	
Bromoform	ND	0.0126						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0126						0	0	30	
n-Propylbenzene	ND	0.0126						0	0	30	
Bromobenzene	ND	0.0189						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0126						0	0	30	
2-Chlorotoluene	ND	0.0126						0	0	30	
4-Chlorotoluene	ND	0.0126						0	0	30	
tert-Butylbenzene	ND	0.0126						0	0	30	
1,2,3-Trichloropropane	ND	0.0126						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0314						0	0	30	
sec-Butylbenzene	ND	0.0126						0	0	30	
4-Isopropyltoluene	ND	0.0126						0	0	30	
1,3-Dichlorobenzene	ND	0.0126						0	0	30	
1,4-Dichlorobenzene	ND	0.0126						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110038-010ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2110							
Client ID: SB-15-50	Batch ID: R2110		Analysis Date: 10/12/2011	SeqNo: 37412							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0126						0	0	30	
1,2-Dichlorobenzene	ND	0.0126						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0189						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0126						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0629						0	0	30	
Naphthalene	ND	0.0189						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0126						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0115		0.01258		91.3	72	135		0		
Surr: Dibromofluoromethane	0.0131		0.01258		104	75.1	135		0		
Surr: Toluene-d8	0.0124		0.01258		98.5	76.5	134		0		

Sample ID: 1110038-011AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2110							
Client ID: SB-15-55	Batch ID: R2110		Analysis Date: 10/12/2011	SeqNo: 37414							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.141	0.0350	0.1401	0	101	65	135				
Benzene	0.157	0.0140	0.1401	0	112	65	135				
Trichloroethene (TCE)	0.137	0.0210	0.1401	0	98.0	65	135				
Toluene	0.171	0.0140	0.1401	0	122	65	135				
Tetrachloroethene (PCE)	0.120	0.0140	0.1121	0	108	65	135				
Chlorobenzene	0.128	0.0140	0.1401	0	91.4	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0128		0.01401		91.6	72	144				
Surr: Dibromofluoromethane	0.0143		0.01401		102	75.1	137				
Surr: Toluene-d8	0.0138		0.01401		98.8	76.5	134				

NOTES:

R - High RPD due to suspected sample inhomogeneity between VOA vials. The method is in control as indicated by the LCS.

Qualifiers:	D Dilution was required	E Value above quantitation range	H Holding times for preparation or analysis e
	J Analyte detected below quantitation limits	ND Not detected at the Reporting Limit	R RPD outside accepted recovery limits
	RL Reporting Limit	S Spike recovery outside accepted recovery limits	



Date: 10/14/2011

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2104	SampType: MBLK	Units: µg/L	Prep Date: 10/11/2011	RunNo: 2104
Client ID: MBLKW	Batch ID: R2104		Analysis Date: 10/11/2011	SeqNo: 37320

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	1.00									
Vinyl chloride	ND	0.200									
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
Methylene chloride	0.440	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	1.00									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	ND	1.00									
trans-1,3-Dichloropropylene	ND	1.00									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2104	SampType: MBLK	Units: µg/L	Prep Date: 10/11/2011	RunNo: 2104
Client ID: MBLKW	Batch ID: R2104		Analysis Date: 10/11/2011	SeqNo: 37320

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.0100									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	ND	1.00									
o-Xylene	ND	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2104	SampType: MBLK	Units: µg/L	Prep Date: 10/11/2011	RunNo: 2104							
Client ID: MBLKW	Batch ID: R2104		Analysis Date: 10/11/2011	SeqNo: 37320							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: 1-Bromo-4-fluorobenzene	10.4		10.00		104	72	135				
Surr: Dibromofluoromethane	11.3		10.00		113	75.1	135				
Surr: Toluene-d8	11.2		10.00		112	76.5	134				

Sample ID: LCS-R2104	SampType: LCS	Units: µg/L	Prep Date: 10/11/2011	RunNo: 2104							
Client ID: LCSW	Batch ID: R2104		Analysis Date: 10/11/2011	SeqNo: 37321							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	11.4	1.00	10.00	0	114	65	135				
Benzene	10.5	1.00	10.00	0	105	65	135				
Trichloroethene (TCE)	9.54	1.00	10.00	0	95.4	65	135				
Toluene	8.45	1.00	10.00	0	84.5	65	135				
Tetrachloroethene (PCE)	5.45	1.00	8.000	0	68.1	65	135				
Chlorobenzene	10.4	1.00	10.00	0	104	65	135				
Surr: 1-Bromo-4-fluorobenzene	9.69		10.00		96.9	72	135				
Surr: Dibromofluoromethane	9.70		10.00		97.0	75.1	135				
Surr: Toluene-d8	9.50		10.00		95.0	76.5	134				

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Work Order: 1110038
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110038-009AMS	SampType: MS	Units: µg/L	Prep Date: 10/11/2011	RunNo: 2104							
Client ID: SB-9-GW	Batch ID: R2104		Analysis Date: 10/11/2011	SeqNo: 37323							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	9.28	1.00	10.00	0	92.8	65	135				
Benzene	10.0	1.00	10.00	0	100	65	135				
Trichloroethene (TCE)	9.73	1.00	10.00	0	97.3	65	135				
Toluene	8.98	1.00	10.00	0	89.8	65	135				
Tetrachloroethene (PCE)	6.41	1.00	8.000	0.2700	76.8	65	135				
Chlorobenzene	9.97	1.00	10.00	0	99.7	65	135				
Surr: 1-Bromo-4-fluorobenzene	9.67		10.00		96.7	72	135				
Surr: Dibromofluoromethane	9.52		10.00		95.2	75.1	135				
Surr: Toluene-d8	10.5		10.00		105	76.5	134				

Sample ID: 1110038-017ADUP	SampType: DUP	Units: µg/L	Prep Date: 10/11/2011	RunNo: 2104							
Client ID: SB-15-GW	Batch ID: R2104		Analysis Date: 10/11/2011	SeqNo: 37325							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00						0	0	30	
Chloromethane	ND	1.00						0	0	30	
Vinyl chloride	ND	0.200						0	0	30	
Bromomethane	ND	1.00						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0	0	30	
Chloroethane	ND	1.00						0	0	30	
1,1-Dichloroethene	ND	1.00						0	0	30	
Methylene chloride	ND	1.00						0	0	30	
trans-1,2-Dichloroethene	ND	1.00						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	1.00						0	0	30	
1,1-Dichloroethane	ND	1.00						0	0	30	
2,2-Dichloropropane	ND	2.00						0	0	30	

Qualifiers:

D	Dilution was required	E	Value above quantitation range	H	Holding times for preparation or analysis e
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit	R	RPD outside accepted recovery limits
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits		



Date: 10/14/2011

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	1.00						0	0	30	
Chloroform	ND	1.00						0	0	30	
Trichloroethane (TCA)	ND	1.00						0	0	30	
1,1-Dichloropropene	ND	1.00						0	0	30	
Carbon tetrachloride	ND	1.00						0	0	30	
1,2-Dichloroethane	ND	1.00						0	0	30	
Benzene	ND	1.00						0	0	30	
Trichloroethene (TCE)	ND	1.00						0	0	30	
1,2-Dichloropropane	ND	1.00						0	0	30	
Bromodichloromethane	ND	1.00						0	0	30	
Dibromomethane	ND	1.00						0	0	30	
cis-1,3-Dichloropropene	ND	1.00						0	0	30	
Toluene	ND	1.00						0	0	30	
trans-1,3-Dichloropropylene	ND	1.00						0	0	30	
1,1,2-Trichloroethane	ND	1.00						0	0	30	
1,3-Dichloropropane	ND	1.00						0	0	30	
Tetrachloroethene (PCE)	ND	1.00						0	0	30	
Dibromochloromethane	ND	1.00						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.0100						0	0	30	
Chlorobenzene	ND	1.00						0	0	30	
1,1,1,2-Tetrachloroethane	ND	1.00						0	0	30	
Ethylbenzene	ND	1.00						0	0	30	
m,p-Xylene	ND	1.00						0	0	30	
o-Xylene	ND	1.00						0	0	30	
Styrene	ND	1.00						0	0	30	
Isopropylbenzene	ND	1.00						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110038
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110038-017ADUP	SampType: DUP	Units: µg/L	Prep Date: 10/11/2011	RunNo: 2104
Client ID: SB-15-GW	Batch ID: R2104		Analysis Date: 10/11/2011	SeqNo: 37325

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	1.00						0	0	30	
1,1,2,2-Tetrachloroethane	ND	1.00						0	0	30	
n-Propylbenzene	ND	1.00						0	0	30	
Bromobenzene	ND	1.00						0	0	30	
1,3,5-Trimethylbenzene	ND	1.00						0	0	30	
2-Chlorotoluene	ND	1.00						0	0	30	
4-Chlorotoluene	ND	1.00						0	0	30	
tert-Butylbenzene	ND	1.00						0	0	30	
1,2,3-Trichloropropane	ND	1.00						0	0	30	
1,2,4-Trichlorobenzene	ND	2.00						0	0	30	
sec-Butylbenzene	ND	1.00						0	0	30	
4-Isopropyltoluene	ND	1.00						0	0	30	
1,3-Dichlorobenzene	ND	1.00						0	0	30	
1,4-Dichlorobenzene	ND	1.00						0	0	30	
n-Butylbenzene	ND	1.00						0	0	30	
1,2-Dichlorobenzene	ND	1.00						0	0	30	
1,2-Dibromo-3-chloropropane	ND	1.00						0	0	30	
1,2,4-Trimethylbenzene	ND	1.00						0	0	30	
Hexachloro-1,3-butadiene	ND	4.00						0	0	30	
Naphthalene	0.360	1.00						0.2300	44.1	30	JR
1,2,3-Trichlorobenzene	ND	4.00						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	9.92		10.00		99.2	72	135		0		
Surr: Dibromofluoromethane	10.4		10.00		104	75.1	135		0		
Surr: Toluene-d8	10.6		10.00		106	76.5	134		0		

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Client Name: **URS**

 Work Order Number: **1110038**

 Logged by: **Troy Zehr**

 Date Received: **10/10/2011 6:15:00 PM**
Chain of Custody

1. Were custodial seals intact? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Client

Log In

4. Coolers are present? Yes No NA
5. Was an attempt made to cool the samples? Yes No NA
6. Were all coolers received at a temperature of >0° C to 10.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is there headspace present in VOA vials? Yes No No VOA Vials
12. Did all sample containers arrive in good condition?(unbroken) Yes No
13. Does paperwork match bottle labels? Yes No
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<u>Anthony Palmieri</u>	Date:	<u>10/11/2011</u>
By Whom:	<u>Mike Ridgeway</u>	Via:	<input type="checkbox"/> eMail <input checked="" type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<u>Sample received not on COC</u>		
Client Instructions:	<u>Analyze Sample</u>		

18. Additional remarks/Discrepancies

Sample SB-15-GW was received, but not noted on COC. Lab instructed to analyze sample.

Item Information

Item #	Temp °C	Condition
Cooler 1	3.8	Good
Cooler 2	2.5	Good

Grain Size by ASTM D422

Project: SRO - Bellevue Corner Property
 Client: URS Corporation
 Client Project #: 33763233.00001
 Lab Project #: 1110038

Percent Finer (Passing) Than the Indicated Size

UOM = Percent

Sieve Size	3/4"	1/2"	3/8"	#4	#10	#20	#40	#60	#100	#200	#325	#450
Particle Size (Microns)	19000	12500	9500	4750	2000	850	425	250	150	75	45	34

SB-9-50	96.8	90.4	89.6	82.5	62.4	47.1	31.1	19.6	13.0	7.30	2.14	0.896
SB-9-55	91.3	86.3	85.1	79.4	60.9	47.6	30.4	17.1	10.3	5.43	1.37	0.325
SB-9-60	100	99.3	98.3	96.7	86.2	72.9	56.1	38.8	27.9	16.8	3.75	0.602
SB-9-65	100	97.6	95.3	89.2	69.0	54.0	37.3	22.5	13.8	7.66	2.60	0.928
SB-9-70	100	100	100	100.00	97.2	91.3	82.9	76.4	67.1	12.0	0.483	0.173
SB-9-75	100	100	100	100.00	97.3	88.6	82.7	75.7	61.4	13.7	0.812	0.101
SB-9-80	100	100	100	100.00	96.4	91.2	85.2	81.9	75.7	15.8	1.05	0.351



Fremont
Analytical

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Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178
Email: info@fremontanalytical.com

Grain Size by ASTM D422

Project: SRO - Bellevue Corner Property
Client: URS Corporation
Client Project #: 33763233.00001
Lab Project #: 1110038

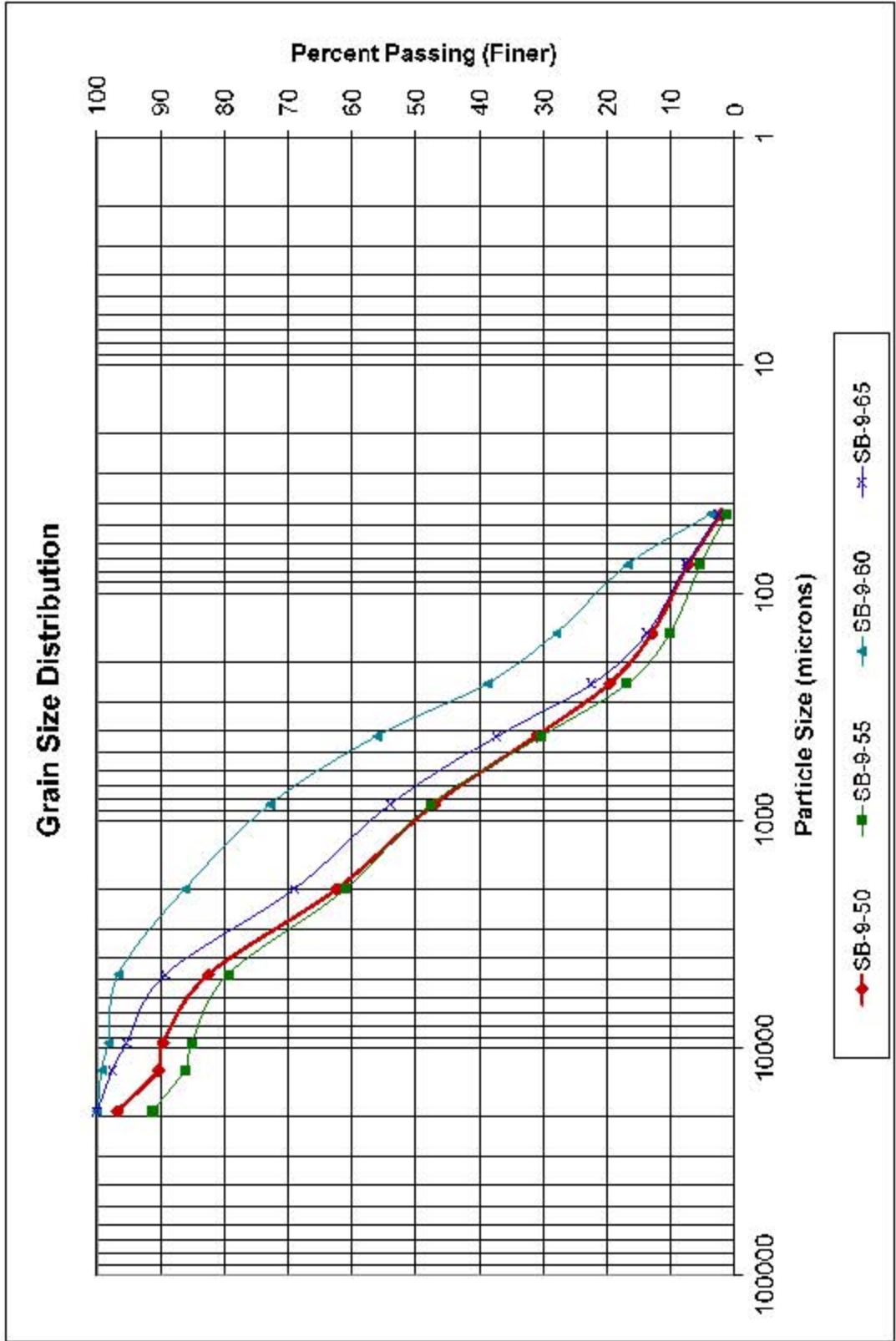
Percent Retained in each Size Fraction

UOM = Percent

Sieve Size (Microns)	>19000	19000-12500	12500-9500	9500-4750	4750-2000	2000-850	850-425	425-250	250-150	150-75	75-45	45-34	<34
SB-9-50	3.17	6.47	0.724	7.11	19.8	15.6	15.9	11.5	6.66	5.67	4.47	1.24	0.889
SB-9-55	8.73	5.02	1.14	5.73	18.4	13.4	17.1	13.4	6.80	4.83	3.95	1.05	0.325
SB-9-60	0.00	0.712	1.03	1.60	10.3	13.5	16.8	17.3	10.9	11.2	11.9	3.11	0.595
SB-9-65	0.00	2.45	2.22	6.12	20.1	15.1	16.7	14.8	8.64	6.18	4.51	1.67	0.924
SB-9-70	0.00	0.00	0.00	0.00	2.76	5.95	8.39	6.55	9.25	55.1	10.3	0.306	0.171
SB-9-75	0.00	0.00	0.00	0.00	2.66	8.74	5.91	6.99	14.3	47.7	11.1	0.698	0.099
SB-9-80	0.00	0.00	0.00	0.00	3.57	5.24	6.00	3.25	6.29	59.8	13.6	0.693	0.347

Grain Size by ASTM D422

Project: SRO - Bellevue Corner Property
 Client: URS Corporation
 Client Project #: 33763233.00001
 Lab Project #: 1110038

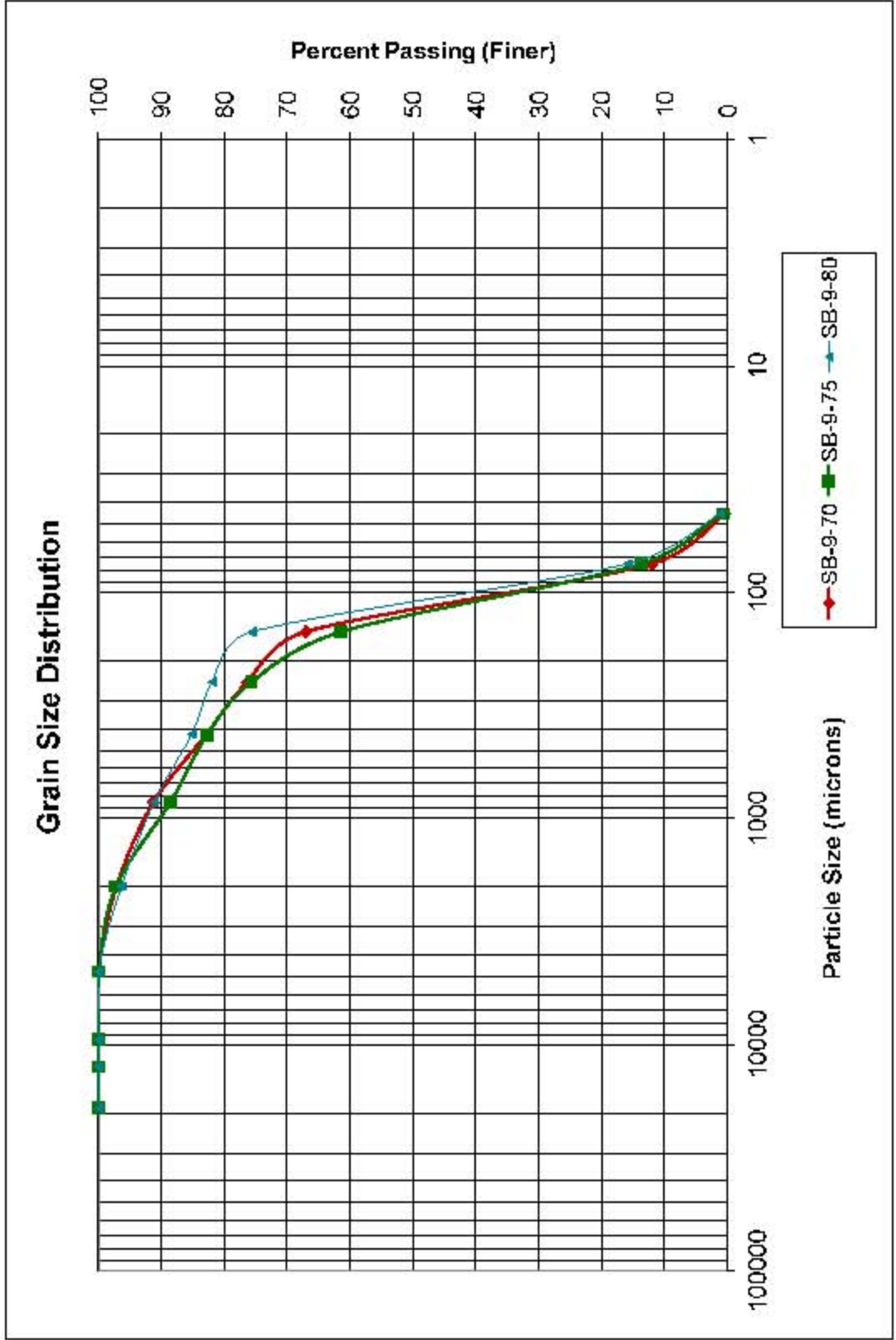




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Grain Size by ASTM D422

Project: SRO - Bellevue Corner Property
Client: URS Corporation
Client Project #: 33763233.00001
Lab Project #: 1110038





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Chain of Custody Record

1110038

Lab Project No (Internal): _____

Page: 1 of 2

Project Name: SRO - Bellevue Courthouse Property
Location: Bellevue, WA
Collected by: Anthony Palomera

Date: 10-10-11

Project Name: _____
Location: _____
Collected by: _____

Client: URS
Address: 1501 4th Ave Suite 1400
City, State, Zip: Seattle, WA 98101 Tel: 206.438.2700

Reports To (FAM): Andrey Gel Email: _____

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	Project No:	Comments/Depth
SB-9-50	10/10/11	0900	Soil	1110038	
SB-9-55		0905		1110038	Extra 40Z collected for VOC
SB-9-60		0910		1110038	
SB-9-65		0915		1110038	
SB-9-70		0923		1110038	
SB-9-75		0930		1110038	
SB-9-80		0935		1110038	
SB-9-C-50-65		1000		1110038	
SB-9-GW		0950	W	1110038	
SB-15-50		1320	Soil	1110038	

*Metal Analysis (Circle): Ni/Co-V, Mn/As-B, Pb/Cd-Hg, Cr/Li, Cd/Co, Cu/Pb, Fe/Mg, Mn/Nb, Ni/Pb, Sb/Se, Sr/Zn

**Anions (Circle): Nitrate, Nitrite, Chloride, Sulfate, Bromide, Cyanide, Fluoride, Nitrate+Nitrite

Special Disposal: Return to Client; Disposal by Lab (if not marked, samples are recycled after 30 days)

Signature: [Signature] Date/Time: 10/10/11 1808
Received: [Signature] Date/Time: 10/10/11 6:15
Special Remarks: Call Used



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URS Corporation
David Raubvogel
1501 4th Ave., Suite 1400
Seattle, Washington 98101

RE: SRO-Bellevue Corner Property
Lab ID: 1110042

October 14, 2011

Attention David Raubvogel:

Fremont Analytical, Inc. received 18 sample(s) on 10/11/2011 for the analyses presented in the following report.

Percent Moisture by ASTM D2216
Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Dee".

Michael Dee
Sr. Chemist / Principal



Date: 10/14/2011

CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property
Lab Order: 1110042

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1110042-001	SB-15-35	10/11/2011 7:50 AM	10/11/2011 5:05 PM
1110042-002	SB-15-40	10/11/2011 7:55 AM	10/11/2011 5:05 PM
1110042-003	SB-15-45	10/11/2011 8:00 AM	10/11/2011 5:05 PM
1110042-004	SB-14-35	10/11/2011 9:35 AM	10/11/2011 5:05 PM
1110042-005	SB-14-40	10/11/2011 9:45 AM	10/11/2011 5:05 PM
1110042-006	SB-14-45	10/11/2011 9:50 AM	10/11/2011 5:05 PM
1110042-007	SB-14-50	10/11/2011 9:55 AM	10/11/2011 5:05 PM
1110042-008	SB-14-55	10/11/2011 10:05 AM	10/11/2011 5:05 PM
1110042-009	SB-14-60	10/11/2011 10:10 AM	10/11/2011 5:05 PM
1110042-010	SB-14-65	10/11/2011 10:20 AM	10/11/2011 5:05 PM
1110042-011	SB-14-70	10/11/2011 10:30 AM	10/11/2011 5:05 PM
1110042-012	SB-14-75	10/11/2011 10:40 AM	10/11/2011 5:05 PM
1110042-013	SB-10-50	10/11/2011 12:45 PM	10/11/2011 5:05 PM
1110042-014	SB-10-55	10/11/2011 12:50 PM	10/11/2011 5:05 PM
1110042-015	SB-10-60	10/11/2011 12:55 PM	10/11/2011 5:05 PM
1110042-016	SB-10-65	10/11/2011 1:00 PM	10/11/2011 5:05 PM
1110042-017	SB-10-70	10/11/2011 1:05 PM	10/11/2011 5:05 PM
1110042-018	SB-10-75	10/11/2011 1:10 PM	10/11/2011 5:05 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

SRO_0004423

Page 2 of 54

CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Comments for METHOD O-VOC-S, SAMPLE 1110042-001ADUP, Batch ID 1263: R - High RPD due to suspected sample inhomogeneity between VOA vials. The method is in control as indicated by the LCS.



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-001
Client Sample ID: SB-15-35

Collection Date: 10/11/2011 7:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0379		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Chloromethane	ND	0.0379		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Vinyl chloride	ND	0.00126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Bromomethane	ND	0.0568		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0316		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Chloroethane	ND	0.0379		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,1-Dichloroethene	ND	0.0316		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Methylene chloride	0.00121	0.0126	J	mg/Kg-dry	1	10/12/2011 7:16:00 PM
trans-1,2-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0316		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,1-Dichloroethane	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
2,2-Dichloropropane	ND	0.0316		mg/Kg-dry	1	10/12/2011 7:16:00 PM
cis-1,2-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Chloroform	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Trichloroethane (TCA)	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,1-Dichloropropene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Carbon tetrachloride	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2-Dichloroethane	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Benzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Trichloroethene (TCE)	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2-Dichloropropane	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Bromodichloromethane	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Dibromomethane	ND	0.0253		mg/Kg-dry	1	10/12/2011 7:16:00 PM
cis-1,3-Dichloropropene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Toluene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
trans-1,3-Dichloropropylene	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,1,2-Trichloroethane	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,3-Dichloropropane	ND	0.0316		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Tetrachloroethene (PCE)	0.0331	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Dibromochloromethane	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2-Dibromoethane (EDB)	ND	0.00316		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Chlorobenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Ethylbenzene	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
m,p-Xylene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-001
Client Sample ID: SB-15-35

Collection Date: 10/11/2011 7:50:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

o-Xylene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Styrene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Isopropylbenzene	ND	0.0505		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Bromoform	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
n-Propylbenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Bromobenzene	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,3,5-Trimethylbenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
2-Chlorotoluene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
4-Chlorotoluene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
tert-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2,3-Trichloropropane	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2,4-Trichlorobenzene	ND	0.0316		mg/Kg-dry	1	10/12/2011 7:16:00 PM
sec-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
4-Isopropyltoluene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,3-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,4-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
n-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2,4-Trimethylbenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Hexachloro-1,3-butadiene	ND	0.0632		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Naphthalene	ND	0.0189		mg/Kg-dry	1	10/12/2011 7:16:00 PM
1,2,3-Trichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/12/2011 7:16:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.9	72-135		%REC	1	10/12/2011 7:16:00 PM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/12/2011 7:16:00 PM
Surr: Toluene-d8	98.7	76.5-134		%REC	1	10/12/2011 7:16:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	9.80			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-002
Client Sample ID: SB-15-40

Collection Date: 10/11/2011 7:55:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0276		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Chloromethane	ND	0.0276		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Vinyl chloride	ND	0.000921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Bromomethane	ND	0.0414		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0230		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Chloroethane	ND	0.0276		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,1-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Methylene chloride	0.000782	0.00921	J	mg/Kg-dry	1	10/12/2011 8:10:00 PM
trans-1,2-Dichloroethene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0230		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,1-Dichloroethane	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
2,2-Dichloropropane	ND	0.0230		mg/Kg-dry	1	10/12/2011 8:10:00 PM
cis-1,2-Dichloroethene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Chloroform	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Trichloroethane (TCA)	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,1-Dichloropropene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Carbon tetrachloride	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2-Dichloroethane	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Benzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Trichloroethene (TCE)	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2-Dichloropropane	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Bromodichloromethane	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Dibromomethane	ND	0.0184		mg/Kg-dry	1	10/12/2011 8:10:00 PM
cis-1,3-Dichloropropene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Toluene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
trans-1,3-Dichloropropylene	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,1,2-Trichloroethane	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,3-Dichloropropane	ND	0.0230		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Tetrachloroethene (PCE)	0.00263	0.00921	J	mg/Kg-dry	1	10/12/2011 8:10:00 PM
Dibromochloromethane	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2-Dibromoethane (EDB)	ND	0.00230		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Chlorobenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Ethylbenzene	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
m,p-Xylene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-002
Client Sample ID: SB-15-40

Collection Date: 10/11/2011 7:55:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

o-Xylene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Styrene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Isopropylbenzene	ND	0.0368		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Bromoform	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
n-Propylbenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Bromobenzene	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,3,5-Trimethylbenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
2-Chlorotoluene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
4-Chlorotoluene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
tert-Butylbenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2,3-Trichloropropane	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2,4-Trichlorobenzene	ND	0.0230		mg/Kg-dry	1	10/12/2011 8:10:00 PM
sec-Butylbenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
4-Isopropyltoluene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,3-Dichlorobenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,4-Dichlorobenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
n-Butylbenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2-Dichlorobenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2,4-Trimethylbenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Hexachloro-1,3-butadiene	ND	0.0460		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Naphthalene	ND	0.0138		mg/Kg-dry	1	10/12/2011 8:10:00 PM
1,2,3-Trichlorobenzene	ND	0.00921		mg/Kg-dry	1	10/12/2011 8:10:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	72-135		%REC	1	10/12/2011 8:10:00 PM
Surr: Dibromofluoromethane	106	75.1-135		%REC	1	10/12/2011 8:10:00 PM
Surr: Toluene-d8	102	76.5-134		%REC	1	10/12/2011 8:10:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	8.09			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-003
Client Sample ID: SB-15-45

Collection Date: 10/11/2011 8:00:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: 1263	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0383		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Chloromethane	ND	0.0383		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Vinyl chloride	ND	0.00128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Bromomethane	ND	0.0574		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0319		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Chloroethane	ND	0.0383		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1-Dichloroethene	ND	0.0319		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Methylene chloride	0.00105	0.0128	J	mg/Kg-dry	1	10/12/2011 9:04:00 PM
trans-1,2-Dichloroethene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0319		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1-Dichloroethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
2,2-Dichloropropane	ND	0.0319		mg/Kg-dry	1	10/12/2011 9:04:00 PM
cis-1,2-Dichloroethene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Chloroform	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Trichloroethane (TCA)	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1-Dichloropropene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Carbon tetrachloride	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dichloroethane	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Benzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Trichloroethene (TCE)	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dichloropropane	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Bromodichloromethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Dibromomethane	ND	0.0255		mg/Kg-dry	1	10/12/2011 9:04:00 PM
cis-1,3-Dichloropropene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Toluene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
trans-1,3-Dichloropropylene	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1,2-Trichloroethane	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,3-Dichloropropane	ND	0.0319		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Tetrachloroethene (PCE)	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Dibromochloromethane	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dibromoethane (EDB)	ND	0.00319		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Chlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Ethylbenzene	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
m,p-Xylene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-003
Client Sample ID: SB-15-45

Collection Date: 10/11/2011 8:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

o-Xylene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Styrene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Isopropylbenzene	ND	0.0511		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Bromoform	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
n-Propylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Bromobenzene	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,3,5-Trimethylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
2-Chlorotoluene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
4-Chlorotoluene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
tert-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2,3-Trichloropropane	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2,4-Trichlorobenzene	ND	0.0319		mg/Kg-dry	1	10/12/2011 9:04:00 PM
sec-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
4-Isopropyltoluene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,3-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,4-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
n-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2,4-Trimethylbenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Hexachloro-1,3-butadiene	ND	0.0638		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Naphthalene	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2,3-Trichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Surr: 1-Bromo-4-fluorobenzene	88.8	72-135		%REC	1	10/12/2011 9:04:00 PM
Surr: Dibromofluoromethane	111	75.1-135		%REC	1	10/12/2011 9:04:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	10/12/2011 9:04:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	7.39			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-004
Client Sample ID: SB-14-35

Collection Date: 10/11/2011 9:35:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0286		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Chloromethane	ND	0.0286		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Vinyl chloride	ND	0.000954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Bromomethane	ND	0.0430		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0239		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Chloroethane	ND	0.0286		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1-Dichloroethene	ND	0.0239		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Methylene chloride	0.000783	0.00954	J	mg/Kg-dry	1	10/12/2011 9:04:00 PM
trans-1,2-Dichloroethene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0239		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1-Dichloroethane	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
2,2-Dichloropropane	ND	0.0239		mg/Kg-dry	1	10/12/2011 9:04:00 PM
cis-1,2-Dichloroethene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Chloroform	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Trichloroethane (TCA)	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1-Dichloropropene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Carbon tetrachloride	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dichloroethane	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Benzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Trichloroethene (TCE)	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dichloropropane	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Bromodichloromethane	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Dibromomethane	ND	0.0191		mg/Kg-dry	1	10/12/2011 9:04:00 PM
cis-1,3-Dichloropropene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Toluene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
trans-1,3-Dichloropropylene	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1,2-Trichloroethane	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,3-Dichloropropane	ND	0.0239		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Tetrachloroethene (PCE)	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Dibromochloromethane	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dibromoethane (EDB)	ND	0.00239		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Chlorobenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Ethylbenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
m,p-Xylene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-004
Client Sample ID: SB-14-35

Collection Date: 10/11/2011 9:35:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

o-Xylene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Styrene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Isopropylbenzene	ND	0.0382		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Bromoform	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
n-Propylbenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Bromobenzene	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,3,5-Trimethylbenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
2-Chlorotoluene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
4-Chlorotoluene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
tert-Butylbenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2,3-Trichloropropane	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2,4-Trichlorobenzene	ND	0.0239		mg/Kg-dry	1	10/12/2011 9:04:00 PM
sec-Butylbenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
4-Isopropyltoluene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,3-Dichlorobenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,4-Dichlorobenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
n-Butylbenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dichlorobenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2,4-Trimethylbenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Hexachloro-1,3-butadiene	ND	0.0477		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Naphthalene	ND	0.0143		mg/Kg-dry	1	10/12/2011 9:04:00 PM
1,2,3-Trichlorobenzene	ND	0.00954		mg/Kg-dry	1	10/12/2011 9:04:00 PM
Surr: 1-Bromo-4-fluorobenzene	88.8	72-135		%REC	1	10/12/2011 9:04:00 PM
Surr: Dibromofluoromethane	111	75.1-135		%REC	1	10/12/2011 9:04:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	10/12/2011 9:04:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	8.77			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-005
Client Sample ID: SB-14-40

Collection Date: 10/11/2011 9:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0335		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Chloromethane	ND	0.0335		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Vinyl chloride	ND	0.00112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Bromomethane	ND	0.0503		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0279		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Chloroethane	ND	0.0335		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,1-Dichloroethene	ND	0.0279		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Methylene chloride	0.00136	0.0112	J	mg/Kg-dry	1	10/12/2011 9:58:00 PM
trans-1,2-Dichloroethene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0279		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,1-Dichloroethane	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
2,2-Dichloropropane	ND	0.0279		mg/Kg-dry	1	10/12/2011 9:58:00 PM
cis-1,2-Dichloroethene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Chloroform	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Trichloroethane (TCA)	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,1-Dichloropropene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Carbon tetrachloride	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2-Dichloroethane	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Benzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Trichloroethene (TCE)	0.000659	0.0168	J	mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2-Dichloropropane	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Bromodichloromethane	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Dibromomethane	ND	0.0224		mg/Kg-dry	1	10/12/2011 9:58:00 PM
cis-1,3-Dichloropropene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Toluene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
trans-1,3-Dichloropropylene	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,1,2-Trichloroethane	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,3-Dichloropropane	ND	0.0279		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Tetrachloroethene (PCE)	0.0541	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Dibromochloromethane	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2-Dibromoethane (EDB)	ND	0.00279		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Chlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Ethylbenzene	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
m,p-Xylene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-005
Client Sample ID: SB-14-40

Collection Date: 10/11/2011 9:45:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

o-Xylene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Styrene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Isopropylbenzene	ND	0.0447		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Bromoform	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
n-Propylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Bromobenzene	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,3,5-Trimethylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
2-Chlorotoluene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
4-Chlorotoluene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
tert-Butylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2,3-Trichloropropane	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2,4-Trichlorobenzene	ND	0.0279		mg/Kg-dry	1	10/12/2011 9:58:00 PM
sec-Butylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
4-Isopropyltoluene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,3-Dichlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,4-Dichlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
n-Butylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2-Dichlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2,4-Trimethylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Hexachloro-1,3-butadiene	ND	0.0559		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Naphthalene	ND	0.0168		mg/Kg-dry	1	10/12/2011 9:58:00 PM
1,2,3-Trichlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 9:58:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.7	72-135		%REC	1	10/12/2011 9:58:00 PM
Surr: Dibromofluoromethane	112	75.1-135		%REC	1	10/12/2011 9:58:00 PM
Surr: Toluene-d8	105	76.5-134		%REC	1	10/12/2011 9:58:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	8.22			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-006
Client Sample ID: SB-14-45

Collection Date: 10/11/2011 9:50:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: R2117	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0351		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Chloromethane	ND	0.0351		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Vinyl chloride	ND	0.00117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Bromomethane	ND	0.0527		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0293		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Chloroethane	ND	0.0351		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,1-Dichloroethene	ND	0.0293		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Methylene chloride	0.000468	0.0117	J	mg/Kg-dry	1	10/13/2011 12:48:00 PM
trans-1,2-Dichloroethene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0293		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,1-Dichloroethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
2,2-Dichloropropane	ND	0.0293		mg/Kg-dry	1	10/13/2011 12:48:00 PM
cis-1,2-Dichloroethene	0.00172	0.0117	J	mg/Kg-dry	1	10/13/2011 12:48:00 PM
Chloroform	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Trichloroethane (TCA)	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,1-Dichloropropene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Carbon tetrachloride	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2-Dichloroethane	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Benzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Trichloroethene (TCE)	0.00114	0.0176	J	mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2-Dichloropropane	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Bromodichloromethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Dibromomethane	ND	0.0234		mg/Kg-dry	1	10/13/2011 12:48:00 PM
cis-1,3-Dichloropropene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Toluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
trans-1,3-Dichloropropylene	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,1,2-Trichloroethane	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,3-Dichloropropane	ND	0.0293		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Tetrachloroethene (PCE)	0.0712	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Dibromochloromethane	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2-Dibromoethane (EDB)	ND	0.00293		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Chlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Ethylbenzene	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
m,p-Xylene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-006
Client Sample ID: SB-14-45

Collection Date: 10/11/2011 9:50:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Styrene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Isopropylbenzene	ND	0.0468		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Bromoform	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
n-Propylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Bromobenzene	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,3,5-Trimethylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
2-Chlorotoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
4-Chlorotoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
tert-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2,3-Trichloropropane	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2,4-Trichlorobenzene	ND	0.0293		mg/Kg-dry	1	10/13/2011 12:48:00 PM
sec-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
4-Isopropyltoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,3-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,4-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
n-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2,4-Trimethylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Hexachloro-1,3-butadiene	ND	0.0585		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Naphthalene	ND	0.0176		mg/Kg-dry	1	10/13/2011 12:48:00 PM
1,2,3-Trichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 12:48:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	72-135		%REC	1	10/13/2011 12:48:00 PM
Surr: Dibromofluoromethane	99.8	75.1-135		%REC	1	10/13/2011 12:48:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	10/13/2011 12:48:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	7.29			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/11/2011 9:55:00 AM

Project: SRO-Bellevue Corner Property

Lab ID: 1110042-007

Matrix: Soil

Client Sample ID: SB-14-50

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0304		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Chloromethane	ND	0.0304		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Vinyl chloride	ND	0.00101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Bromomethane	ND	0.0455		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0253		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Chloroethane	ND	0.0304		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,1-Dichloroethene	ND	0.0253		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Methylene chloride	0.000658	0.0101	J	mg/Kg-dry	1	10/13/2011 1:43:00 PM
trans-1,2-Dichloroethene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0253		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,1-Dichloroethane	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
2,2-Dichloropropane	ND	0.0253		mg/Kg-dry	1	10/13/2011 1:43:00 PM
cis-1,2-Dichloroethene	0.00346	0.0101	J	mg/Kg-dry	1	10/13/2011 1:43:00 PM
Chloroform	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Trichloroethane (TCA)	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,1-Dichloropropene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Carbon tetrachloride	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2-Dichloroethane	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Benzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Trichloroethene (TCE)	0.00164	0.0152	J	mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2-Dichloropropane	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Bromodichloromethane	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Dibromomethane	ND	0.0202		mg/Kg-dry	1	10/13/2011 1:43:00 PM
cis-1,3-Dichloropropene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Toluene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
trans-1,3-Dichloropropylene	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,1,2-Trichloroethane	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,3-Dichloropropane	ND	0.0253		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Tetrachloroethene (PCE)	0.166	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Dibromochloromethane	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2-Dibromoethane (EDB)	ND	0.00253		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Chlorobenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Ethylbenzene	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
m,p-Xylene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-007
Client Sample ID: SB-14-50

Collection Date: 10/11/2011 9:55:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117 Analyst: PH

o-Xylene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Styrene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Isopropylbenzene	ND	0.0405		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Bromoform	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
n-Propylbenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Bromobenzene	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,3,5-Trimethylbenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
2-Chlorotoluene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
4-Chlorotoluene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
tert-Butylbenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2,3-Trichloropropane	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2,4-Trichlorobenzene	ND	0.0253		mg/Kg-dry	1	10/13/2011 1:43:00 PM
sec-Butylbenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
4-Isopropyltoluene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,3-Dichlorobenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,4-Dichlorobenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
n-Butylbenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2-Dichlorobenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2,4-Trimethylbenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Hexachloro-1,3-butadiene	ND	0.0506		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Naphthalene	ND	0.0152		mg/Kg-dry	1	10/13/2011 1:43:00 PM
1,2,3-Trichlorobenzene	ND	0.0101		mg/Kg-dry	1	10/13/2011 1:43:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.4	72-135		%REC	1	10/13/2011 1:43:00 PM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/13/2011 1:43:00 PM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/13/2011 1:43:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100 Analyst: CF

Percent Moisture	6.66			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank D Dilution was required
E Value above quantitation range H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits ND Not detected at the Reporting Limit
RL Reporting Limit S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-008
Client Sample ID: SB-14-55

Collection Date: 10/11/2011 10:05:00 A
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0377		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Chloromethane	ND	0.0377		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Vinyl chloride	ND	0.00126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Bromomethane	ND	0.0566		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0314		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Chloroethane	ND	0.0377		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,1-Dichloroethene	ND	0.0314		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Methylene chloride	0.000906	0.0126	J	mg/Kg-dry	1	10/13/2011 2:38:00 PM
trans-1,2-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0314		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,1-Dichloroethane	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
2,2-Dichloropropane	ND	0.0314		mg/Kg-dry	1	10/13/2011 2:38:00 PM
cis-1,2-Dichloroethene	0.00475	0.0126	J	mg/Kg-dry	1	10/13/2011 2:38:00 PM
Chloroform	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Trichloroethane (TCA)	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,1-Dichloropropene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Carbon tetrachloride	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2-Dichloroethane	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Benzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Trichloroethene (TCE)	0.00119	0.0189	J	mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2-Dichloropropane	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Bromodichloromethane	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Dibromomethane	ND	0.0252		mg/Kg-dry	1	10/13/2011 2:38:00 PM
cis-1,3-Dichloropropene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Toluene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
trans-1,3-Dichloropropylene	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,1,2-Trichloroethane	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,3-Dichloropropane	ND	0.0314		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Tetrachloroethene (PCE)	0.105	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Dibromochloromethane	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2-Dibromoethane (EDB)	ND	0.00314		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Chlorobenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Ethylbenzene	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
m,p-Xylene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/11/2011 10:05:00 A

Project: SRO-Bellevue Corner Property

Lab ID: 1110042-008

Matrix: Soil

Client Sample ID: SB-14-55

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Styrene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Isopropylbenzene	ND	0.0503		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Bromoform	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
n-Propylbenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Bromobenzene	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,3,5-Trimethylbenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
2-Chlorotoluene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
4-Chlorotoluene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
tert-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2,3-Trichloropropane	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2,4-Trichlorobenzene	ND	0.0314		mg/Kg-dry	1	10/13/2011 2:38:00 PM
sec-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
4-Isopropyltoluene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,3-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,4-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
n-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2,4-Trimethylbenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Hexachloro-1,3-butadiene	ND	0.0629		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Naphthalene	ND	0.0189		mg/Kg-dry	1	10/13/2011 2:38:00 PM
1,2,3-Trichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/13/2011 2:38:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.6	72-135		%REC	1	10/13/2011 2:38:00 PM
Surr: Dibromofluoromethane	103	75.1-135		%REC	1	10/13/2011 2:38:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	10/13/2011 2:38:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	6.80			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-009
Client Sample ID: SB-14-60

Collection Date: 10/11/2011 10:10:00 A
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0284		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Chloromethane	ND	0.0284		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Vinyl chloride	ND	0.000946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Bromomethane	ND	0.0426		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0237		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Chloroethane	ND	0.0284		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,1-Dichloroethene	ND	0.0237		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Methylene chloride	0.000662	0.00946	J	mg/Kg-dry	1	10/13/2011 3:05:00 PM
trans-1,2-Dichloroethene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0237		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,1-Dichloroethane	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
2,2-Dichloropropane	ND	0.0237		mg/Kg-dry	1	10/13/2011 3:05:00 PM
cis-1,2-Dichloroethene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Chloroform	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Trichloroethane (TCA)	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,1-Dichloropropene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Carbon tetrachloride	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2-Dichloroethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Benzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Trichloroethene (TCE)	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2-Dichloropropane	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Bromodichloromethane	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Dibromomethane	ND	0.0189		mg/Kg-dry	1	10/13/2011 3:05:00 PM
cis-1,3-Dichloropropene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Toluene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
trans-1,3-Dichloropropylene	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,1,2-Trichloroethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,3-Dichloropropane	ND	0.0237		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Tetrachloroethene (PCE)	0.000312	0.00946	J	mg/Kg-dry	1	10/13/2011 3:05:00 PM
Dibromochloromethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2-Dibromoethane (EDB)	ND	0.00237		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Chlorobenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Ethylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
m,p-Xylene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-009
Client Sample ID: SB-14-60

Collection Date: 10/11/2011 10:10:00 A
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Styrene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Isopropylbenzene	ND	0.0379		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Bromoform	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
n-Propylbenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Bromobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,3,5-Trimethylbenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
2-Chlorotoluene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
4-Chlorotoluene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
tert-Butylbenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2,3-Trichloropropane	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2,4-Trichlorobenzene	ND	0.0237		mg/Kg-dry	1	10/13/2011 3:05:00 PM
sec-Butylbenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
4-Isopropyltoluene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,3-Dichlorobenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,4-Dichlorobenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
n-Butylbenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2-Dichlorobenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2,4-Trimethylbenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Hexachloro-1,3-butadiene	ND	0.0473		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Naphthalene	ND	0.0142		mg/Kg-dry	1	10/13/2011 3:05:00 PM
1,2,3-Trichlorobenzene	ND	0.00946		mg/Kg-dry	1	10/13/2011 3:05:00 PM
Surr: 1-Bromo-4-fluorobenzene	104	72-135		%REC	1	10/13/2011 3:05:00 PM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/13/2011 3:05:00 PM
Surr: Toluene-d8	105	76.5-134		%REC	1	10/13/2011 3:05:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	8.59			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-010
Client Sample ID: SB-14-65

Collection Date: 10/11/2011 10:20:00 A
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0275		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Chloromethane	ND	0.0275		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Vinyl chloride	ND	0.000915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Bromomethane	ND	0.0412		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0229		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Chloroethane	ND	0.0275		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,1-Dichloroethene	ND	0.0229		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Methylene chloride	0.000522	0.00915	J	mg/Kg-dry	1	10/13/2011 3:32:00 PM
trans-1,2-Dichloroethene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0229		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,1-Dichloroethane	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
2,2-Dichloropropane	ND	0.0229		mg/Kg-dry	1	10/13/2011 3:32:00 PM
cis-1,2-Dichloroethene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Chloroform	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Trichloroethane (TCA)	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,1-Dichloropropene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Carbon tetrachloride	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2-Dichloroethane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Benzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Trichloroethene (TCE)	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2-Dichloropropane	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Bromodichloromethane	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Dibromomethane	ND	0.0183		mg/Kg-dry	1	10/13/2011 3:32:00 PM
cis-1,3-Dichloropropene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Toluene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
trans-1,3-Dichloropropylene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,1,2-Trichloroethane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,3-Dichloropropane	ND	0.0229		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Tetrachloroethene (PCE)	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Dibromochloromethane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2-Dibromoethane (EDB)	ND	0.00229		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Chlorobenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Ethylbenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
m,p-Xylene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-010
Client Sample ID: SB-14-65

Collection Date: 10/11/2011 10:20:00 A
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Styrene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Isopropylbenzene	ND	0.0366		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Bromoform	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
n-Propylbenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Bromobenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,3,5-Trimethylbenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
2-Chlorotoluene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
4-Chlorotoluene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
tert-Butylbenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2,3-Trichloropropane	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2,4-Trichlorobenzene	ND	0.0229		mg/Kg-dry	1	10/13/2011 3:32:00 PM
sec-Butylbenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
4-Isopropyltoluene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,3-Dichlorobenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,4-Dichlorobenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
n-Butylbenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2-Dichlorobenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2,4-Trimethylbenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Hexachloro-1,3-butadiene	ND	0.0458		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Naphthalene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:32:00 PM
1,2,3-Trichlorobenzene	ND	0.00915		mg/Kg-dry	1	10/13/2011 3:32:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	72-135		%REC	1	10/13/2011 3:32:00 PM
Surr: Dibromofluoromethane	106	75.1-135		%REC	1	10/13/2011 3:32:00 PM
Surr: Toluene-d8	106	76.5-134		%REC	1	10/13/2011 3:32:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	9.26			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-011
Client Sample ID: SB-14-70

Collection Date: 10/11/2011 10:30:00 A
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0411		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Chloromethane	ND	0.0411		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Vinyl chloride	ND	0.00137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Bromomethane	ND	0.0617		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0343		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Chloroethane	ND	0.0411		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,1-Dichloroethene	ND	0.0343		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Methylene chloride	0.00152	0.0137	J	mg/Kg-dry	1	10/13/2011 3:59:00 PM
trans-1,2-Dichloroethene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0343		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,1-Dichloroethane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
2,2-Dichloropropane	ND	0.0343		mg/Kg-dry	1	10/13/2011 3:59:00 PM
cis-1,2-Dichloroethene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Chloroform	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Trichloroethane (TCA)	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,1-Dichloropropene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Carbon tetrachloride	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2-Dichloroethane	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Benzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Trichloroethene (TCE)	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2-Dichloropropane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Bromodichloromethane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Dibromomethane	ND	0.0274		mg/Kg-dry	1	10/13/2011 3:59:00 PM
cis-1,3-Dichloropropene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Toluene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
trans-1,3-Dichloropropylene	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,1,2-Trichloroethane	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,3-Dichloropropane	ND	0.0343		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Tetrachloroethene (PCE)	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Dibromochloromethane	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2-Dibromoethane (EDB)	ND	0.00343		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Chlorobenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Ethylbenzene	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
m,p-Xylene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/11/2011 10:30:00 A

Project: SRO-Bellevue Corner Property

Lab ID: 1110042-011

Matrix: Soil

Client Sample ID: SB-14-70

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Styrene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Isopropylbenzene	ND	0.0548		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Bromoform	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
n-Propylbenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Bromobenzene	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,3,5-Trimethylbenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
2-Chlorotoluene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
4-Chlorotoluene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
tert-Butylbenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2,3-Trichloropropane	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2,4-Trichlorobenzene	ND	0.0343		mg/Kg-dry	1	10/13/2011 3:59:00 PM
sec-Butylbenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
4-Isopropyltoluene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,3-Dichlorobenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,4-Dichlorobenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
n-Butylbenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2-Dichlorobenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2,4-Trimethylbenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Hexachloro-1,3-butadiene	ND	0.0685		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Naphthalene	ND	0.0206		mg/Kg-dry	1	10/13/2011 3:59:00 PM
1,2,3-Trichlorobenzene	ND	0.0137		mg/Kg-dry	1	10/13/2011 3:59:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.4	72-135		%REC	1	10/13/2011 3:59:00 PM
Surr: Dibromofluoromethane	106	75.1-135		%REC	1	10/13/2011 3:59:00 PM
Surr: Toluene-d8	102	76.5-134		%REC	1	10/13/2011 3:59:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	19.0			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-012
Client Sample ID: SB-14-75

Collection Date: 10/11/2011 10:40:00 A
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0312		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Chloromethane	ND	0.0312		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Vinyl chloride	ND	0.00104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Bromomethane	ND	0.0468		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0260		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Chloroethane	ND	0.0312		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,1-Dichloroethene	ND	0.0260		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Methylene chloride	0.00128	0.0104	J	mg/Kg-dry	1	10/13/2011 4:27:00 PM
trans-1,2-Dichloroethene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0260		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,1-Dichloroethane	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
2,2-Dichloropropane	ND	0.0260		mg/Kg-dry	1	10/13/2011 4:27:00 PM
cis-1,2-Dichloroethene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Chloroform	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Trichloroethane (TCA)	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,1-Dichloropropene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Carbon tetrachloride	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2-Dichloroethane	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Benzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Trichloroethene (TCE)	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2-Dichloropropane	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Bromodichloromethane	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Dibromomethane	ND	0.0208		mg/Kg-dry	1	10/13/2011 4:27:00 PM
cis-1,3-Dichloropropene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Toluene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
trans-1,3-Dichloropropylene	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,1,2-Trichloroethane	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,3-Dichloropropane	ND	0.0260		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Tetrachloroethene (PCE)	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Dibromochloromethane	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2-Dibromoethane (EDB)	ND	0.00260		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Chlorobenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Ethylbenzene	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
m,p-Xylene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-012
Client Sample ID: SB-14-75

Collection Date: 10/11/2011 10:40:00 A

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Styrene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Isopropylbenzene	ND	0.0416		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Bromoform	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
n-Propylbenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Bromobenzene	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,3,5-Trimethylbenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
2-Chlorotoluene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
4-Chlorotoluene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
tert-Butylbenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2,3-Trichloropropane	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2,4-Trichlorobenzene	ND	0.0260		mg/Kg-dry	1	10/13/2011 4:27:00 PM
sec-Butylbenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
4-Isopropyltoluene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,3-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,4-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
n-Butylbenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2,4-Trimethylbenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Hexachloro-1,3-butadiene	ND	0.0520		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Naphthalene	ND	0.0156		mg/Kg-dry	1	10/13/2011 4:27:00 PM
1,2,3-Trichlorobenzene	ND	0.0104		mg/Kg-dry	1	10/13/2011 4:27:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.7	72-135		%REC	1	10/13/2011 4:27:00 PM
Surr: Dibromofluoromethane	108	75.1-135		%REC	1	10/13/2011 4:27:00 PM
Surr: Toluene-d8	107	76.5-134		%REC	1	10/13/2011 4:27:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	18.2			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-013
Client Sample ID: SB-10-50

Collection Date: 10/11/2011 12:45:00 P
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0350		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Chloromethane	0.000723	0.0350	J	mg/Kg-dry	1	10/13/2011 4:54:00 PM
Vinyl chloride	ND	0.00117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Bromomethane	ND	0.0525		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0292		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Chloroethane	ND	0.0350		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,1-Dichloroethene	ND	0.0292		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Methylene chloride	0.000583	0.0117	J	mg/Kg-dry	1	10/13/2011 4:54:00 PM
trans-1,2-Dichloroethene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0292		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,1-Dichloroethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
2,2-Dichloropropane	ND	0.0292		mg/Kg-dry	1	10/13/2011 4:54:00 PM
cis-1,2-Dichloroethene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Chloroform	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Trichloroethane (TCA)	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,1-Dichloropropene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Carbon tetrachloride	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2-Dichloroethane	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Benzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Trichloroethene (TCE)	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2-Dichloropropane	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Bromodichloromethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Dibromomethane	ND	0.0233		mg/Kg-dry	1	10/13/2011 4:54:00 PM
cis-1,3-Dichloropropene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Toluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
trans-1,3-Dichloropropylene	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,1,2-Trichloroethane	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,3-Dichloropropane	ND	0.0292		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Tetrachloroethene (PCE)	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Dibromochloromethane	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2-Dibromoethane (EDB)	ND	0.00292		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Chlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Ethylbenzene	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
m,p-Xylene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-013
Client Sample ID: SB-10-50

Collection Date: 10/11/2011 12:45:00 P
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Styrene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Isopropylbenzene	ND	0.0467		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Bromoform	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
n-Propylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Bromobenzene	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,3,5-Trimethylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
2-Chlorotoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
4-Chlorotoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
tert-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2,3-Trichloropropane	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2,4-Trichlorobenzene	ND	0.0292		mg/Kg-dry	1	10/13/2011 4:54:00 PM
sec-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
4-Isopropyltoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,3-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,4-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
n-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2,4-Trimethylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Hexachloro-1,3-butadiene	ND	0.0583		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Naphthalene	ND	0.0175		mg/Kg-dry	1	10/13/2011 4:54:00 PM
1,2,3-Trichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 4:54:00 PM
Surr: 1-Bromo-4-fluorobenzene	90.7	72-135		%REC	1	10/13/2011 4:54:00 PM
Surr: Dibromofluoromethane	108	75.1-135		%REC	1	10/13/2011 4:54:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	10/13/2011 4:54:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	9.20			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-014
Client Sample ID: SB-10-55

Collection Date: 10/11/2011 12:50:00 P

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0333		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Chloromethane	ND	0.0333		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Vinyl chloride	ND	0.00111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Bromomethane	ND	0.0500		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0278		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Chloroethane	ND	0.0333		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,1-Dichloroethene	ND	0.0278		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Methylene chloride	0.000933	0.0111	J	mg/Kg-dry	1	10/13/2011 5:21:00 PM
trans-1,2-Dichloroethene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0278		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,1-Dichloroethane	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
2,2-Dichloropropane	ND	0.0278		mg/Kg-dry	1	10/13/2011 5:21:00 PM
cis-1,2-Dichloroethene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Chloroform	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Trichloroethane (TCA)	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,1-Dichloropropene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Carbon tetrachloride	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2-Dichloroethane	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Benzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Trichloroethene (TCE)	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2-Dichloropropane	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Bromodichloromethane	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Dibromomethane	ND	0.0222		mg/Kg-dry	1	10/13/2011 5:21:00 PM
cis-1,3-Dichloropropene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Toluene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
trans-1,3-Dichloropropylene	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,1,2-Trichloroethane	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,3-Dichloropropane	ND	0.0278		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Tetrachloroethene (PCE)	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Dibromochloromethane	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2-Dibromoethane (EDB)	ND	0.00278		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Chlorobenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Ethylbenzene	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
m,p-Xylene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-014
Client Sample ID: SB-10-55

Collection Date: 10/11/2011 12:50:00 P

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Styrene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Isopropylbenzene	ND	0.0444		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Bromoform	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
n-Propylbenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Bromobenzene	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,3,5-Trimethylbenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
2-Chlorotoluene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
4-Chlorotoluene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
tert-Butylbenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2,3-Trichloropropane	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2,4-Trichlorobenzene	ND	0.0278		mg/Kg-dry	1	10/13/2011 5:21:00 PM
sec-Butylbenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
4-Isopropyltoluene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,3-Dichlorobenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,4-Dichlorobenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
n-Butylbenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2-Dichlorobenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2,4-Trimethylbenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Hexachloro-1,3-butadiene	ND	0.0555		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Naphthalene	ND	0.0167		mg/Kg-dry	1	10/13/2011 5:21:00 PM
1,2,3-Trichlorobenzene	ND	0.0111		mg/Kg-dry	1	10/13/2011 5:21:00 PM
Surr: 1-Bromo-4-fluorobenzene	93.2	72-135		%REC	1	10/13/2011 5:21:00 PM
Surr: Dibromofluoromethane	108	75.1-135		%REC	1	10/13/2011 5:21:00 PM
Surr: Toluene-d8	106	76.5-134		%REC	1	10/13/2011 5:21:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	8.37			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-015
Client Sample ID: SB-10-60

Collection Date: 10/11/2011 12:55:00 P

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0290		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Chloromethane	ND	0.0290		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Vinyl chloride	ND	0.000967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Bromomethane	ND	0.0435		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0242		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Chloroethane	ND	0.0290		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,1-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Methylene chloride	0.000803	0.00967	J	mg/Kg-dry	1	10/13/2011 5:48:00 PM
trans-1,2-Dichloroethene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0242		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,1-Dichloroethane	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
2,2-Dichloropropane	ND	0.0242		mg/Kg-dry	1	10/13/2011 5:48:00 PM
cis-1,2-Dichloroethene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Chloroform	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Trichloroethane (TCA)	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,1-Dichloropropene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Carbon tetrachloride	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2-Dichloroethane	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Benzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Trichloroethene (TCE)	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2-Dichloropropane	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Bromodichloromethane	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Dibromomethane	ND	0.0193		mg/Kg-dry	1	10/13/2011 5:48:00 PM
cis-1,3-Dichloropropene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Toluene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
trans-1,3-Dichloropropylene	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,1,2-Trichloroethane	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,3-Dichloropropane	ND	0.0242		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Tetrachloroethene (PCE)	0.00160	0.00967	J	mg/Kg-dry	1	10/13/2011 5:48:00 PM
Dibromochloromethane	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2-Dibromoethane (EDB)	ND	0.00242		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Chlorobenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Ethylbenzene	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
m,p-Xylene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-015
Client Sample ID: SB-10-60

Collection Date: 10/11/2011 12:55:00 P
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Styrene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Isopropylbenzene	ND	0.0387		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Bromoform	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
n-Propylbenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Bromobenzene	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,3,5-Trimethylbenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
2-Chlorotoluene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
4-Chlorotoluene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
tert-Butylbenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2,3-Trichloropropane	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2,4-Trichlorobenzene	ND	0.0242		mg/Kg-dry	1	10/13/2011 5:48:00 PM
sec-Butylbenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
4-Isopropyltoluene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,3-Dichlorobenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,4-Dichlorobenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
n-Butylbenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2-Dichlorobenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2,4-Trimethylbenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Hexachloro-1,3-butadiene	ND	0.0484		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Naphthalene	ND	0.0145		mg/Kg-dry	1	10/13/2011 5:48:00 PM
1,2,3-Trichlorobenzene	ND	0.00967		mg/Kg-dry	1	10/13/2011 5:48:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	72-135		%REC	1	10/13/2011 5:48:00 PM
Surr: Dibromofluoromethane	105	75.1-135		%REC	1	10/13/2011 5:48:00 PM
Surr: Toluene-d8	106	76.5-134		%REC	1	10/13/2011 5:48:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	7.75			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-016
Client Sample ID: SB-10-65

Collection Date: 10/11/2011 1:00:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0426		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Chloromethane	ND	0.0426		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Vinyl chloride	ND	0.00142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Bromomethane	ND	0.0639		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0355		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Chloroethane	ND	0.0426		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,1-Dichloroethene	ND	0.0355		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Methylene chloride	0.00224	0.0142	J	mg/Kg-dry	1	10/13/2011 6:15:00 PM
trans-1,2-Dichloroethene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0355		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,1-Dichloroethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
2,2-Dichloropropane	ND	0.0355		mg/Kg-dry	1	10/13/2011 6:15:00 PM
cis-1,2-Dichloroethene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Chloroform	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Trichloroethane (TCA)	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,1-Dichloropropene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Carbon tetrachloride	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2-Dichloroethane	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Benzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2-Dichloropropane	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Bromodichloromethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Dibromomethane	ND	0.0284		mg/Kg-dry	1	10/13/2011 6:15:00 PM
cis-1,3-Dichloropropene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Toluene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
trans-1,3-Dichloropropylene	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,1,2-Trichloroethane	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,3-Dichloropropane	ND	0.0355		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Tetrachloroethene (PCE)	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Dibromochloromethane	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2-Dibromoethane (EDB)	ND	0.00355		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Chlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Ethylbenzene	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
m,p-Xylene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-016
Client Sample ID: SB-10-65

Collection Date: 10/11/2011 1:00:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Styrene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Isopropylbenzene	ND	0.0568		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Bromoform	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
n-Propylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Bromobenzene	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,3,5-Trimethylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
2-Chlorotoluene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
4-Chlorotoluene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
tert-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2,3-Trichloropropane	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2,4-Trichlorobenzene	ND	0.0355		mg/Kg-dry	1	10/13/2011 6:15:00 PM
sec-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
4-Isopropyltoluene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,3-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,4-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
n-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2,4-Trimethylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Hexachloro-1,3-butadiene	ND	0.0710		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Naphthalene	ND	0.0213		mg/Kg-dry	1	10/13/2011 6:15:00 PM
1,2,3-Trichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 6:15:00 PM
Surr: 1-Bromo-4-fluorobenzene	91.3	72-135		%REC	1	10/13/2011 6:15:00 PM
Surr: Dibromofluoromethane	106	75.1-135		%REC	1	10/13/2011 6:15:00 PM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/13/2011 6:15:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	20.8			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-017
Client Sample ID: SB-10-70

Collection Date: 10/11/2011 1:05:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0443		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Chloromethane	ND	0.0443		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Vinyl chloride	ND	0.00148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Bromomethane	ND	0.0664		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0369		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Chloroethane	ND	0.0443		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,1-Dichloroethene	ND	0.0369		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Methylene chloride	0.00156	0.0148	J	mg/Kg-dry	1	10/13/2011 6:43:00 PM
trans-1,2-Dichloroethene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0369		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,1-Dichloroethane	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
2,2-Dichloropropane	ND	0.0369		mg/Kg-dry	1	10/13/2011 6:43:00 PM
cis-1,2-Dichloroethene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Chloroform	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Trichloroethane (TCA)	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,1-Dichloropropene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Carbon tetrachloride	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2-Dichloroethane	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Benzene	0.000413	0.0148	J	mg/Kg-dry	1	10/13/2011 6:43:00 PM
Trichloroethene (TCE)	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2-Dichloropropane	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Bromodichloromethane	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Dibromomethane	ND	0.0295		mg/Kg-dry	1	10/13/2011 6:43:00 PM
cis-1,3-Dichloropropene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Toluene	0.000546	0.0148	J	mg/Kg-dry	1	10/13/2011 6:43:00 PM
trans-1,3-Dichloropropylene	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,1,2-Trichloroethane	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,3-Dichloropropane	ND	0.0369		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Tetrachloroethene (PCE)	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Dibromochloromethane	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2-Dibromoethane (EDB)	ND	0.00369		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Chlorobenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Ethylbenzene	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
m,p-Xylene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-017
Client Sample ID: SB-10-70

Collection Date: 10/11/2011 1:05:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Styrene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Isopropylbenzene	ND	0.0590		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Bromoform	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
n-Propylbenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Bromobenzene	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,3,5-Trimethylbenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
2-Chlorotoluene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
4-Chlorotoluene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
tert-Butylbenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2,3-Trichloropropane	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2,4-Trichlorobenzene	ND	0.0369		mg/Kg-dry	1	10/13/2011 6:43:00 PM
sec-Butylbenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
4-Isopropyltoluene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,3-Dichlorobenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,4-Dichlorobenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
n-Butylbenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2-Dichlorobenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2,4-Trimethylbenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Hexachloro-1,3-butadiene	ND	0.0738		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Naphthalene	ND	0.0221		mg/Kg-dry	1	10/13/2011 6:43:00 PM
1,2,3-Trichlorobenzene	ND	0.0148		mg/Kg-dry	1	10/13/2011 6:43:00 PM
Surr: 1-Bromo-4-fluorobenzene	96.9	72-135		%REC	1	10/13/2011 6:43:00 PM
Surr: Dibromofluoromethane	106	75.1-135		%REC	1	10/13/2011 6:43:00 PM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/13/2011 6:43:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	21.5			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-018
Client Sample ID: SB-10-75

Collection Date: 10/11/2011 1:10:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: R2117	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0285		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Chloromethane	0.000400	0.0285	J	mg/Kg-dry	1	10/13/2011 7:10:00 PM
Vinyl chloride	ND	0.000952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Bromomethane	ND	0.0428		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0238		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Chloroethane	ND	0.0285		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,1-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Methylene chloride	0.00106	0.00952	J	mg/Kg-dry	1	10/13/2011 7:10:00 PM
trans-1,2-Dichloroethene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0238		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,1-Dichloroethane	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
2,2-Dichloropropane	ND	0.0238		mg/Kg-dry	1	10/13/2011 7:10:00 PM
cis-1,2-Dichloroethene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Chloroform	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Trichloroethane (TCA)	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,1-Dichloropropene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Carbon tetrachloride	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2-Dichloroethane	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Benzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Trichloroethene (TCE)	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2-Dichloropropane	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Bromodichloromethane	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Dibromomethane	ND	0.0190		mg/Kg-dry	1	10/13/2011 7:10:00 PM
cis-1,3-Dichloropropene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Toluene	0.000438	0.00952	J	mg/Kg-dry	1	10/13/2011 7:10:00 PM
trans-1,3-Dichloropropylene	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,1,2-Trichloroethane	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,3-Dichloropropane	ND	0.0238		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Tetrachloroethene (PCE)	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Dibromochloromethane	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2-Dibromoethane (EDB)	ND	0.00238		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Chlorobenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Ethylbenzene	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
m,p-Xylene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110042

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110042-018
Client Sample ID: SB-10-75

Collection Date: 10/11/2011 1:10:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2117

Analyst: PH

o-Xylene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Styrene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Isopropylbenzene	ND	0.0381		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Bromoform	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
n-Propylbenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Bromobenzene	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,3,5-Trimethylbenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
2-Chlorotoluene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
4-Chlorotoluene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
tert-Butylbenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2,3-Trichloropropane	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2,4-Trichlorobenzene	ND	0.0238		mg/Kg-dry	1	10/13/2011 7:10:00 PM
sec-Butylbenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
4-Isopropyltoluene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,3-Dichlorobenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,4-Dichlorobenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
n-Butylbenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2-Dichlorobenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2,4-Trimethylbenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Hexachloro-1,3-butadiene	ND	0.0476		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Naphthalene	ND	0.0143		mg/Kg-dry	1	10/13/2011 7:10:00 PM
1,2,3-Trichlorobenzene	ND	0.00952		mg/Kg-dry	1	10/13/2011 7:10:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.9	72-135		%REC	1	10/13/2011 7:10:00 PM
Surr: Dibromofluoromethane	100	75.1-135		%REC	1	10/13/2011 7:10:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	10/13/2011 7:10:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2100

Analyst: CF

Percent Moisture	20.0			wt%	1	10/12/2011 11:51:25 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1263	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2111
Client ID: MBLKS	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37425

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.00304	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1263	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2111
Client ID: MBLKS	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37425

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1263	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2111							
Client ID: MBLKS	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37425							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0195		0.02000		97.7	72	135				
Surr: Dibromofluoromethane	0.0219		0.02000		109	75.1	135				
Surr: Toluene-d8	0.0204		0.02000		102	76.5	134				

Sample ID: LCS-1263	SampType: LCS	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2111							
Client ID: LCSS	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37426							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.247	0.0500	0.2000	0	124	65	135				
Benzene	0.225	0.0200	0.2000	0	112	65	135				
Trichloroethene (TCE)	0.256	0.0300	0.2000	0	128	65	135				
Toluene	0.237	0.0200	0.2000	0	119	65	135				
Tetrachloroethene (PCE)	0.168	0.0200	0.1600	0	105	65	135				
Chlorobenzene	0.225	0.0200	0.2000	0	112	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0200		0.02000		100	72	144				
Surr: Dibromofluoromethane	0.0205		0.02000		102	75.1	137				
Surr: Toluene-d8	0.0186		0.02000		92.8	76.5	134				

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110042-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2111
Client ID: SB-15-35	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37430

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0324						0	0	30	
Chloromethane	ND	0.0324						0	0	30	
Vinyl chloride	ND	0.00108						0	0	30	
Bromomethane	ND	0.0487						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0270						0	0	30	
Chloroethane	ND	0.0324						0	0	30	
1,1-Dichloroethene	ND	0.0270						0	0	30	
Methylene chloride	0.000887	0.0108						0.001213	31.0	30	JR
trans-1,2-Dichloroethene	ND	0.0108						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0270						0	0	30	
1,1-Dichloroethane	ND	0.0108						0	0	30	
2,2-Dichloropropane	ND	0.0270						0	0	30	
cis-1,2-Dichloroethene	ND	0.0108						0	0	30	
Chloroform	ND	0.0108						0	0	30	
Trichloroethane (TCA)	ND	0.0108						0	0	30	
1,1-Dichloropropene	ND	0.0108						0	0	30	
Carbon tetrachloride	ND	0.0108						0	0	30	
1,2-Dichloroethane	ND	0.0162						0	0	30	
Benzene	ND	0.0108						0	0	30	
Trichloroethene (TCE)	ND	0.0162						0	0	30	
1,2-Dichloropropane	ND	0.0108						0	0	30	
Bromodichloromethane	ND	0.0108						0	0	30	
Dibromomethane	ND	0.0216						0	0	30	
cis-1,3-Dichloropropene	ND	0.0108						0	0	30	
Toluene	ND	0.0108						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0162						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110042-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2111
Client ID: SB-15-35	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37430

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0162						0	0	30	
1,3-Dichloropropane	ND	0.0270						0	0	30	
Tetrachloroethene (PCE)	0.0227	0.0108						0.03309	37.3	30	R
Dibromochloromethane	ND	0.0162						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00270						0	0	30	
Chlorobenzene	ND	0.0108						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0162						0	0	30	
Ethylbenzene	ND	0.0162						0	0	30	
m,p-Xylene	ND	0.0108						0	0	30	
o-Xylene	ND	0.0108						0	0	30	
Styrene	ND	0.0108						0	0	30	
Isopropylbenzene	ND	0.0433						0	0	30	
Bromoform	ND	0.0108						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0108						0	0	30	
n-Propylbenzene	ND	0.0108						0	0	30	
Bromobenzene	ND	0.0162						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0108						0	0	30	
2-Chlorotoluene	ND	0.0108						0	0	30	
4-Chlorotoluene	ND	0.0108						0	0	30	
tert-Butylbenzene	ND	0.0108						0	0	30	
1,2,3-Trichloropropane	ND	0.0108						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0270						0	0	30	
sec-Butylbenzene	ND	0.0108						0	0	30	
4-Isopropyltoluene	ND	0.0108						0	0	30	
1,3-Dichlorobenzene	ND	0.0108						0	0	30	
1,4-Dichlorobenzene	ND	0.0108						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110042-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2111							
Client ID: SB-15-35	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37430							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0108						0	0	30	
1,2-Dichlorobenzene	ND	0.0108						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0162						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0108						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0541						0	0	30	
Naphthalene	ND	0.0162						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0108						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0110		0.01082		102	72	135		0		
Surr: Dibromofluoromethane	0.0117		0.01082		108	75.1	135		0		
Surr: Toluene-d8	0.0112		0.01082		103	76.5	134		0		

Sample ID: 1110042-002AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2111							
Client ID: SB-15-40	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37432							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.133	0.0329	0.1315	0	101	65	135				
Benzene	0.135	0.0131	0.1315	0	103	65	135				
Trichloroethene (TCE)	0.125	0.0197	0.1315	0	95.0	65	135				
Toluene	0.139	0.0131	0.1315	0	106	65	135				
Tetrachloroethene (PCE)	0.109	0.0131	0.1052	0.002633	101	65	135				
Chlorobenzene	0.107	0.0131	0.1315	0	81.7	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0132		0.01315		100	72	144				
Surr: Dibromofluoromethane	0.0134		0.01315		102	75.1	137				
Surr: Toluene-d8	0.0133		0.01315		101	76.5	134				

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110042
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2117	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2117
Client ID: MBLKS	Batch ID: R2117		Analysis Date: 10/13/2011	SeqNo: 37509

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.00338	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110042
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2117	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2117
Client ID: MBLKS	Batch ID: R2117		Analysis Date: 10/13/2011	SeqNo: 37509

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									

Qualifiers:

D Dilution was required	E Value above quantitation range	H Holding times for preparation or analysis e
J Analyte detected below quantitation limits	ND Not detected at the Reporting Limit	R RPD outside accepted recovery limits
RL Reporting Limit	S Spike recovery outside accepted recovery limits	

Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2117	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2117							
Client ID: MBLKS	Batch ID: R2117		Analysis Date: 10/13/2011	SeqNo: 37509							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0201		0.02000		101	72	135				
Surr: Dibromofluoromethane	0.0213		0.02000		107	75.1	135				
Surr: Toluene-d8	0.0208		0.02000		104	76.5	134				

Sample ID: LCS-R2117	SampType: LCS	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2117							
Client ID: LCSS	Batch ID: R2117		Analysis Date: 10/13/2011	SeqNo: 37510							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.176	0.0500	0.2000	0	87.9	65	135				
Benzene	0.208	0.0200	0.2000	0	104	65	135				
Trichloroethene (TCE)	0.187	0.0300	0.2000	0	93.4	65	135				
Toluene	0.224	0.0200	0.2000	0	112	65	135				
Tetrachloroethene (PCE)	0.116	0.0200	0.1600	0	72.6	65	135				
Chlorobenzene	0.180	0.0200	0.2000	0	90.2	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0202		0.02000		101	72	144				
Surr: Dibromofluoromethane	0.0194		0.02000		96.9	75.1	137				
Surr: Toluene-d8	0.0205		0.02000		102	76.5	134				

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0416						0	0	30	
Chloromethane	ND	0.0416						0	0	30	
Vinyl chloride	ND	0.00139						0	0	30	
Bromomethane	ND	0.0623						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0346						0	0	30	
Chloroethane	ND	0.0416						0	0	30	
1,1-Dichloroethene	ND	0.0346						0	0	30	
Methylene chloride	0.00118	0.0139						0.0004682	86.2	30	JR
trans-1,2-Dichloroethene	ND	0.0139						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0346						0	0	30	
1,1-Dichloroethane	ND	0.0139						0	0	30	
2,2-Dichloropropane	ND	0.0346						0	0	30	
cis-1,2-Dichloroethene	0.00159	0.0139						0.001721	7.70	30	J
Chloroform	ND	0.0139						0	0	30	
Trichloroethane (TCA)	ND	0.0139						0	0	30	
1,1-Dichloropropene	ND	0.0139						0	0	30	
Carbon tetrachloride	ND	0.0139						0	0	30	
1,2-Dichloroethane	ND	0.0208						0	0	30	
Benzene	ND	0.0139						0	0	30	
Trichloroethene (TCE)	0.00103	0.0208						0.001135	10.2	30	J
1,2-Dichloropropane	ND	0.0139						0	0	30	
Bromodichloromethane	ND	0.0139						0	0	30	
Dibromomethane	ND	0.0277						0	0	30	
cis-1,3-Dichloropropene	ND	0.0139						0	0	30	
Toluene	ND	0.0139						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0208						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110042
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110042-006ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2117
Client ID: SB-14-45	Batch ID: R2117		Analysis Date: 10/13/2011	SeqNo: 37512

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0208						0	0	30	
1,3-Dichloropropane	ND	0.0346						0	0	30	
Tetrachloroethene (PCE)	0.0856	0.0139						0.07119	18.3	30	
Dibromochloromethane	ND	0.0208						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00346						0	0	30	
Chlorobenzene	ND	0.0139						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0208						0	0	30	
Ethylbenzene	ND	0.0208						0	0	30	
m,p-Xylene	ND	0.0139						0	0	30	
o-Xylene	ND	0.0139						0	0	30	
Styrene	ND	0.0139						0	0	30	
Isopropylbenzene	ND	0.0554						0	0	30	
Bromoform	ND	0.0139						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0139						0	0	30	
n-Propylbenzene	ND	0.0139						0	0	30	
Bromobenzene	ND	0.0208						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0139						0	0	30	
2-Chlorotoluene	ND	0.0139						0	0	30	
4-Chlorotoluene	ND	0.0139						0	0	30	
tert-Butylbenzene	ND	0.0139						0	0	30	
1,2,3-Trichloropropane	ND	0.0139						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0346						0	0	30	
sec-Butylbenzene	ND	0.0139						0	0	30	
4-Isopropyltoluene	ND	0.0139						0	0	30	
1,3-Dichlorobenzene	ND	0.0139						0	0	30	
1,4-Dichlorobenzene	ND	0.0139						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110042
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110042-006ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2117
Client ID: SB-14-45	Batch ID: R2117		Analysis Date: 10/13/2011	SeqNo: 37512

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0139						0	0	30	
1,2-Dichlorobenzene	ND	0.0139						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0208						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0139						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0693						0	0	30	
Naphthalene	ND	0.0208						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0139						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0139		0.01385		101	72	135		0		
Surr: Dibromofluoromethane	0.0147		0.01385		106	75.1	135		0		
Surr: Toluene-d8	0.0146		0.01385		105	76.5	134		0		

Sample ID: 1110042-007AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2117
Client ID: SB-14-50	Batch ID: R2117		Analysis Date: 10/13/2011	SeqNo: 37514

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.0947	0.0282	0.1128	0	84.0	65	135				
Benzene	0.112	0.0113	0.1128	0	99.1	65	135				
Trichloroethene (TCE)	0.110	0.0169	0.1128	0.001639	96.5	65	135				
Toluene	0.141	0.0113	0.1128	0	125	65	135				
Tetrachloroethene (PCE)	0.228	0.0113	0.09027	0.1655	69.2	65	135				
Chlorobenzene	0.112	0.0113	0.1128	0	99.6	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0116		0.01128		102	72	144				
Surr: Dibromofluoromethane	0.0117		0.01128		103	75.1	137				
Surr: Toluene-d8	0.0123		0.01128		109	76.5	134				

NOTES:

R - High RPD due to suspected sample inhomogeneity between VOA vials. The method is in control as indicated by the LCS.

Qualifiers:	D Dilution was required	E Value above quantitation range	H Holding times for preparation or analysis e
	J Analyte detected below quantitation limits	ND Not detected at the Reporting Limit	R RPD outside accepted recovery limits
	RL Reporting Limit	S Spike recovery outside accepted recovery limits	

Client Name: **URS**

 Work Order Number: **1110042**

 Logged by: **Caitlyn Frazier**

 Date Received: **10/11/2011 5:05:00 PM**

Chain of Custody

1. Were custodial seals intact? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Client

Log In

4. Coolers are present? Yes No NA
5. Was an attempt made to cool the samples? Yes No NA
6. Were all coolers received at a temperature of >0° C to 10.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is there headspace present in VOA vials? Yes No No VOA Vials
12. Did all sample containers arrive in good condition?(unbroken) Yes No
13. Does paperwork match bottle labels? Yes No
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks/Discrepancies

Item Information

Item #	Temp °C	Condition
Cooler	3.1	Good
Temp Blank	2.5	Good



Fremont Analytical

1311 N. 35th Street
Seattle, WA 98103

Tel: 206-352-3790
Fax: 206-352-7178

Client: URS
Address: 1501 4th Ave Suite 1400
City, State, Zip: Seattle, WA 98101

Date: 10-11-11
Project Name: SRO - Bellevue Carver Property
Location: Bellevue, WA
Collected by: Anthony Palmieri

Laboratory Project No (Internal): 111064Z

Page: 1 of: 1

Chain of Custody Record

Reports To (PM): Rubroyel

Fac:

Email:

Project No:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	BTEX (EPA 8260)	Gasoline Range Organics (EPA 8210)	Hydrocarbon Identification (HCTO)	Semi Vol (EPA 8270)	PAH (EPA 8270 - 5M)	PCB (EPA 8270 - 5M)	Chlorinated Pesticides (EPA 8210)	Mercury (EPA 8210)	Metals* (EPA 8210 / 200.9)	Tox (T) Dissolved (D)	Amion (TC) **	Comments/Depth
1. SB-15-35	10-11-11	0750	Soil	X												* Additional 4 oz collected for VOC analysis
2. SB-15-40		0755		X												
3. SB-15-45		0800		X												
4. SB-14-35		0935		X												
5. SB-14-40		0945		X												
6. SB-14-45		0950		X												
7. SB-14-50		0955		X												
8. SB-14-55		1005		X												
9. SB-14-60		1010		X												
10. SB-14-65		1020		X												

*Metals Analysis (Circle): MTCA-5 Nitrate Nitrite Chloride Sulfate Bromide Fluoride Nitrate+Nitrite

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide Fluoride Nitrate+Nitrite

Sample Disposal: Return to Client Disposed by Lab (A fee may be assessed if samples are returned after 30 days.)

Recycled: [Signature] Date/Time: 10-11-11 1705
 Unrecycled: [Signature] Date/Time: 10-11-11 1705
 Received: [Signature] Date/Time: 10-11-11 1705
 Received: [Signature] Date/Time: 10-11-11 1705

TAT -> Next Day 2 Day 3 Day STD

Chain of Custody Record



1311 N. 35th Street
Seattle, WA 98103

Tel: 206-352-3790
Fax: 206-352-7178

URS

Client: 1501 4th Ave Suite 1400
Address: Seattle, WA 98101
City, State, Zip: Tel: 206.438.2700

Laboratory Project No (Internal): 1110047
Page: 2 of 2

Project Name: SLO - Bellevue Corner Property
Location: Bellevue, WA
Collected by: Anthony Palmeri

Date: 10-11-11

Project Name:
Location:
Collected by:

Reports To (PM): Carbuigel
Email:
Fax:

Project No:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8160)	BTEX (EPA 8160)	Gasoline Range Organics (EPA 8071a)	Hydrocarbon Identification (HIC)	Semi Vol (EPA 8270)	PAH (EPA 8270)	PCB (EPA 8270)	C. Perchlor (EPA 8211)	Metals (EPA 8211)	Total (EPA 8211)	Total (EPA 8211) / (2004)	Anions (EPA 8211)	Comments/Depth
1 SB-14-70	10-11-11	1030	Soil	X												* Additional 4oz jar
2 SB-14-75		1040		X												Collected for VOC analysis
3 SB-10-50		1245		X												
4 SB-10-55		1250		X												
5 SB-10-60		1255		X												
6 SB-10-65		1300		X												
7 SB-10-70		1305		X												
8 SB-10-75		1310		X												
9																
10																

*Metals Analysis (Circle): MTCA-5 Nitrate Nitrite Chloride Sulfate Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide Iodide Fluoride Nitrate+Nitrite

Sample Disposal: Return to Client Disposal by Lab (if for may be assumed if sample are retained after 30 days)

Revised: 10-11-11 1705
Date/Time: 10-11-11 1705

Special Remarks:

TAT -> Next Day 2 Day 3 Day STD



1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

URS Corporation
David Raubvogel
1501 4th Ave., Suite 1400
Seattle, Washington 98101

RE: SRO-Bellevue Corner Property
Lab ID: 1110045

October 14, 2011

Attention David Raubvogel:

Fremont Analytical, Inc. received 20 sample(s) on 10/12/2011 for the analyses presented in the following report.

Percent Moisture by ASTM D2216
Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Dee".

Michael Dee
Sr. Chemist / Principal



Date: 10/14/2011

CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property
Lab Order: 1110045

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1110045-001	SB-11-35	10/12/2011 8:15 AM	10/12/2011 5:31 PM
1110045-002	SB-11-40	10/12/2011 8:20 AM	10/12/2011 5:31 PM
1110045-003	SB-11-45	10/12/2011 8:25 AM	10/12/2011 5:31 PM
1110045-004	SB-11-50	10/12/2011 8:30 AM	10/12/2011 5:31 PM
1110045-005	SB-11-55	10/12/2011 8:35 AM	10/12/2011 5:31 PM
1110045-006	SB-11-60	10/12/2011 8:40 AM	10/12/2011 5:31 PM
1110045-007	SB-11-65	10/12/2011 8:45 AM	10/12/2011 5:31 PM
1110045-008	SB-11-70	10/12/2011 8:50 AM	10/12/2011 5:31 PM
1110045-009	SB-11-75	10/12/2011 8:55 AM	10/12/2011 5:31 PM
1110045-010	SB-11-80	10/12/2011 9:00 AM	10/12/2011 5:31 PM
1110045-011	SB-11-C-35-80	10/12/2011 9:30 AM	10/12/2011 5:31 PM
1110045-012	SB-12-35	10/12/2011 2:15 PM	10/12/2011 5:31 PM
1110045-013	SB-12-40	10/12/2011 2:20 PM	10/12/2011 5:31 PM
1110045-014	SB-12-45	10/12/2011 2:25 PM	10/12/2011 5:31 PM
1110045-015	SB-12-55	10/12/2011 2:35 PM	10/12/2011 5:31 PM
1110045-016	SB-12-60	10/12/2011 2:40 PM	10/12/2011 5:31 PM
1110045-017	SB-12-65	10/12/2011 2:45 PM	10/12/2011 5:31 PM
1110045-018	SB-12-70	10/12/2011 2:50 PM	10/12/2011 5:31 PM
1110045-019	SB-12-75	10/12/2011 2:55 PM	10/12/2011 5:31 PM
1110045-020	SB-12-C-35-75	10/12/2011 3:00 PM	10/12/2011 5:31 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

SRO_0004273

Page 2 of 58

CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-001
Client Sample ID: SB-11-35

Collection Date: 10/12/2011 8:15:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: 1266	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0379		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Chloromethane	ND	0.0379		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Vinyl chloride	ND	0.00126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Bromomethane	ND	0.0569		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0316		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Chloroethane	ND	0.0379		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,1-Dichloroethene	ND	0.0316		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Methylene chloride	0.00152	0.0126	J	mg/Kg-dry	1	10/14/2011 4:10:00 AM
trans-1,2-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0316		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,1-Dichloroethane	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
2,2-Dichloropropane	ND	0.0316		mg/Kg-dry	1	10/14/2011 4:10:00 AM
cis-1,2-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Chloroform	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Trichloroethane (TCA)	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,1-Dichloropropene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Carbon tetrachloride	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2-Dichloroethane	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Benzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Trichloroethene (TCE)	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2-Dichloropropane	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Bromodichloromethane	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Dibromomethane	ND	0.0253		mg/Kg-dry	1	10/14/2011 4:10:00 AM
cis-1,3-Dichloropropene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Toluene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
trans-1,3-Dichloropropylene	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,1,2-Trichloroethane	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,3-Dichloropropane	ND	0.0316		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Tetrachloroethene (PCE)	0.00148	0.0126	J	mg/Kg-dry	1	10/14/2011 4:10:00 AM
Dibromochloromethane	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2-Dibromoethane (EDB)	ND	0.00316		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Chlorobenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Ethylbenzene	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
m,p-Xylene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-001
Client Sample ID: SB-11-35

Collection Date: 10/12/2011 8:15:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Styrene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Isopropylbenzene	ND	0.0506		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Bromoform	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
n-Propylbenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Bromobenzene	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,3,5-Trimethylbenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
2-Chlorotoluene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
4-Chlorotoluene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
tert-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2,3-Trichloropropane	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2,4-Trichlorobenzene	ND	0.0316		mg/Kg-dry	1	10/14/2011 4:10:00 AM
sec-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
4-Isopropyltoluene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,3-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,4-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
n-Butylbenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2-Dichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2,4-Trimethylbenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Hexachloro-1,3-butadiene	ND	0.0632		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Naphthalene	ND	0.0190		mg/Kg-dry	1	10/14/2011 4:10:00 AM
1,2,3-Trichlorobenzene	ND	0.0126		mg/Kg-dry	1	10/14/2011 4:10:00 AM
Surr: 1-Bromo-4-fluorobenzene	100	72-135		%REC	1	10/14/2011 4:10:00 AM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/14/2011 4:10:00 AM
Surr: Toluene-d8	105	76.5-134		%REC	1	10/14/2011 4:10:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	8.62			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-002
Client Sample ID: SB-11-40

Collection Date: 10/12/2011 8:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: 1263	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0328		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Chloromethane	ND	0.0328		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Vinyl chloride	ND	0.00109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Bromomethane	ND	0.0492		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0273		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Chloroethane	ND	0.0328		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,1-Dichloroethene	ND	0.0273		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Methylene chloride	0.000765	0.0109	J	mg/Kg-dry	1	10/12/2011 6:21:00 PM
trans-1,2-Dichloroethene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0273		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,1-Dichloroethane	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
2,2-Dichloropropane	ND	0.0273		mg/Kg-dry	1	10/12/2011 6:21:00 PM
cis-1,2-Dichloroethene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Chloroform	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Trichloroethane (TCA)	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,1-Dichloropropene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Carbon tetrachloride	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2-Dichloroethane	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Benzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Trichloroethene (TCE)	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2-Dichloropropane	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Bromodichloromethane	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Dibromomethane	ND	0.0219		mg/Kg-dry	1	10/12/2011 6:21:00 PM
cis-1,3-Dichloropropene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Toluene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
trans-1,3-Dichloropropylene	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,1,2-Trichloroethane	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,3-Dichloropropane	ND	0.0273		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Tetrachloroethene (PCE)	0.000383	0.0109	J	mg/Kg-dry	1	10/12/2011 6:21:00 PM
Dibromochloromethane	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2-Dibromoethane (EDB)	ND	0.00273		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Chlorobenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Ethylbenzene	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
m,p-Xylene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-002
Client Sample ID: SB-11-40

Collection Date: 10/12/2011 8:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

o-Xylene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Styrene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Isopropylbenzene	ND	0.0437		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Bromoform	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
n-Propylbenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Bromobenzene	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,3,5-Trimethylbenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
2-Chlorotoluene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
4-Chlorotoluene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
tert-Butylbenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2,3-Trichloropropane	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2,4-Trichlorobenzene	ND	0.0273		mg/Kg-dry	1	10/12/2011 6:21:00 PM
sec-Butylbenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
4-Isopropyltoluene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,3-Dichlorobenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,4-Dichlorobenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
n-Butylbenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2-Dichlorobenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2,4-Trimethylbenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Hexachloro-1,3-butadiene	ND	0.0547		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Naphthalene	ND	0.0164		mg/Kg-dry	1	10/12/2011 6:21:00 PM
1,2,3-Trichlorobenzene	ND	0.0109		mg/Kg-dry	1	10/12/2011 6:21:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.5	72-135		%REC	1	10/12/2011 6:21:00 PM
Surr: Dibromofluoromethane	112	75.1-135		%REC	1	10/12/2011 6:21:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	10/12/2011 6:21:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	11.3			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-003
Client Sample ID: SB-11-45

Collection Date: 10/12/2011 8:25:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0336		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Chloromethane	ND	0.0336		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Vinyl chloride	ND	0.00112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Bromomethane	ND	0.0504		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0280		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Chloroethane	ND	0.0336		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,1-Dichloroethene	ND	0.0280		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Methylene chloride	0.000672	0.0112	J	mg/Kg-dry	1	10/12/2011 6:48:00 PM
trans-1,2-Dichloroethene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0280		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,1-Dichloroethane	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
2,2-Dichloropropane	ND	0.0280		mg/Kg-dry	1	10/12/2011 6:48:00 PM
cis-1,2-Dichloroethene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Chloroform	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Trichloroethane (TCA)	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,1-Dichloropropene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Carbon tetrachloride	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2-Dichloroethane	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Benzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Trichloroethene (TCE)	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2-Dichloropropane	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Bromodichloromethane	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Dibromomethane	ND	0.0224		mg/Kg-dry	1	10/12/2011 6:48:00 PM
cis-1,3-Dichloropropene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Toluene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
trans-1,3-Dichloropropylene	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,1,2-Trichloroethane	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,3-Dichloropropane	ND	0.0280		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Tetrachloroethene (PCE)	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Dibromochloromethane	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2-Dibromoethane (EDB)	ND	0.00280		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Chlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Ethylbenzene	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
m,p-Xylene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/12/2011 8:25:00 AM

Project: SRO-Bellevue Corner Property

Lab ID: 1110045-003

Matrix: Soil

Client Sample ID: SB-11-45

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1263

Analyst: PH

o-Xylene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Styrene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Isopropylbenzene	ND	0.0448		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Bromoform	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
n-Propylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Bromobenzene	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,3,5-Trimethylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
2-Chlorotoluene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
4-Chlorotoluene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
tert-Butylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2,3-Trichloropropane	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2,4-Trichlorobenzene	ND	0.0280		mg/Kg-dry	1	10/12/2011 6:48:00 PM
sec-Butylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
4-Isopropyltoluene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,3-Dichlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,4-Dichlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
n-Butylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2-Dichlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2,4-Trimethylbenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Hexachloro-1,3-butadiene	ND	0.0560		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Naphthalene	ND	0.0168		mg/Kg-dry	1	10/12/2011 6:48:00 PM
1,2,3-Trichlorobenzene	ND	0.0112		mg/Kg-dry	1	10/12/2011 6:48:00 PM
Surr: 1-Bromo-4-fluorobenzene	90.9	72-135		%REC	1	10/12/2011 6:48:00 PM
Surr: Dibromofluoromethane	108	75.1-135		%REC	1	10/12/2011 6:48:00 PM
Surr: Toluene-d8	96.6	76.5-134		%REC	1	10/12/2011 6:48:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	7.40			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-004
Client Sample ID: SB-11-50

Collection Date: 10/12/2011 8:30:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0373		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Chloromethane	ND	0.0373		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Vinyl chloride	ND	0.00124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Bromomethane	ND	0.0559		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0311		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Chloroethane	ND	0.0373		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,1-Dichloroethene	ND	0.0311		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Methylene chloride	0.00116	0.0124	J	mg/Kg-dry	1	10/14/2011 5:04:00 AM
trans-1,2-Dichloroethene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0311		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,1-Dichloroethane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
2,2-Dichloropropane	ND	0.0311		mg/Kg-dry	1	10/14/2011 5:04:00 AM
cis-1,2-Dichloroethene	0.000497	0.0124	J	mg/Kg-dry	1	10/14/2011 5:04:00 AM
Chloroform	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Trichloroethane (TCA)	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,1-Dichloropropene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Carbon tetrachloride	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2-Dichloroethane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Benzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Trichloroethene (TCE)	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2-Dichloropropane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Bromodichloromethane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Dibromomethane	ND	0.0248		mg/Kg-dry	1	10/14/2011 5:04:00 AM
cis-1,3-Dichloropropene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Toluene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
trans-1,3-Dichloropropylene	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,1,2-Trichloroethane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,3-Dichloropropane	ND	0.0311		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Tetrachloroethene (PCE)	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Dibromochloromethane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2-Dibromoethane (EDB)	ND	0.00311		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Chlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Ethylbenzene	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
m,p-Xylene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-004
Client Sample ID: SB-11-50

Collection Date: 10/12/2011 8:30:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Styrene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Isopropylbenzene	ND	0.0497		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Bromoform	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
n-Propylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Bromobenzene	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,3,5-Trimethylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
2-Chlorotoluene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
4-Chlorotoluene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
tert-Butylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2,3-Trichloropropane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2,4-Trichlorobenzene	ND	0.0311		mg/Kg-dry	1	10/14/2011 5:04:00 AM
sec-Butylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
4-Isopropyltoluene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,3-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,4-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
n-Butylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2,4-Trimethylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Hexachloro-1,3-butadiene	ND	0.0621		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Naphthalene	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:04:00 AM
1,2,3-Trichlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:04:00 AM
Surr: 1-Bromo-4-fluorobenzene	95.0	72-135		%REC	1	10/14/2011 5:04:00 AM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/14/2011 5:04:00 AM
Surr: Toluene-d8	105	76.5-134		%REC	1	10/14/2011 5:04:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	5.77			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-005
Client Sample ID: SB-11-55

Collection Date: 10/12/2011 8:35:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0372		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Chloromethane	ND	0.0372		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Vinyl chloride	ND	0.00124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Bromomethane	ND	0.0557		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0310		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Chloroethane	ND	0.0372		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,1-Dichloroethene	ND	0.0310		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Methylene chloride	0.000892	0.0124	J	mg/Kg-dry	1	10/14/2011 5:58:00 AM
trans-1,2-Dichloroethene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0310		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,1-Dichloroethane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
2,2-Dichloropropane	ND	0.0310		mg/Kg-dry	1	10/14/2011 5:58:00 AM
cis-1,2-Dichloroethene	0.000867	0.0124	J	mg/Kg-dry	1	10/14/2011 5:58:00 AM
Chloroform	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Trichloroethane (TCA)	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,1-Dichloropropene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Carbon tetrachloride	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2-Dichloroethane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Benzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Trichloroethene (TCE)	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2-Dichloropropane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Bromodichloromethane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Dibromomethane	ND	0.0248		mg/Kg-dry	1	10/14/2011 5:58:00 AM
cis-1,3-Dichloropropene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Toluene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
trans-1,3-Dichloropropylene	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,1,2-Trichloroethane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,3-Dichloropropane	ND	0.0310		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Tetrachloroethene (PCE)	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Dibromochloromethane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2-Dibromoethane (EDB)	ND	0.00310		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Chlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Ethylbenzene	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
m,p-Xylene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-005
Client Sample ID: SB-11-55

Collection Date: 10/12/2011 8:35:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Styrene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Isopropylbenzene	ND	0.0495		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Bromoform	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
n-Propylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Bromobenzene	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,3,5-Trimethylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
2-Chlorotoluene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
4-Chlorotoluene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
tert-Butylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2,3-Trichloropropane	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2,4-Trichlorobenzene	ND	0.0310		mg/Kg-dry	1	10/14/2011 5:58:00 AM
sec-Butylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
4-Isopropyltoluene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,3-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,4-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
n-Butylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2,4-Trimethylbenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Hexachloro-1,3-butadiene	ND	0.0619		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Naphthalene	ND	0.0186		mg/Kg-dry	1	10/14/2011 5:58:00 AM
1,2,3-Trichlorobenzene	ND	0.0124		mg/Kg-dry	1	10/14/2011 5:58:00 AM
Surr: 1-Bromo-4-fluorobenzene	103	72-135		%REC	1	10/14/2011 5:58:00 AM
Surr: Dibromofluoromethane	108	75.1-135		%REC	1	10/14/2011 5:58:00 AM
Surr: Toluene-d8	107	76.5-134		%REC	1	10/14/2011 5:58:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	5.20			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-006
Client Sample ID: SB-11-60

Collection Date: 10/12/2011 8:40:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0316		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Chloromethane	ND	0.0316		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Vinyl chloride	ND	0.00105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Bromomethane	ND	0.0475		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0264		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Chloroethane	ND	0.0316		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,1-Dichloroethene	ND	0.0264		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Methylene chloride	0.000918	0.0105	J	mg/Kg-dry	1	10/14/2011 6:25:00 AM
trans-1,2-Dichloroethene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0264		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,1-Dichloroethane	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
2,2-Dichloropropane	ND	0.0264		mg/Kg-dry	1	10/14/2011 6:25:00 AM
cis-1,2-Dichloroethene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Chloroform	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Trichloroethane (TCA)	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,1-Dichloropropene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Carbon tetrachloride	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2-Dichloroethane	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Benzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Trichloroethene (TCE)	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2-Dichloropropane	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Bromodichloromethane	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Dibromomethane	ND	0.0211		mg/Kg-dry	1	10/14/2011 6:25:00 AM
cis-1,3-Dichloropropene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Toluene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
trans-1,3-Dichloropropylene	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,1,2-Trichloroethane	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,3-Dichloropropane	ND	0.0264		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Tetrachloroethene (PCE)	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Dibromochloromethane	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2-Dibromoethane (EDB)	ND	0.00264		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Chlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Ethylbenzene	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
m,p-Xylene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-006
Client Sample ID: SB-11-60

Collection Date: 10/12/2011 8:40:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Styrene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Isopropylbenzene	ND	0.0422		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Bromoform	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
n-Propylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Bromobenzene	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,3,5-Trimethylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
2-Chlorotoluene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
4-Chlorotoluene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
tert-Butylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2,3-Trichloropropane	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2,4-Trichlorobenzene	ND	0.0264		mg/Kg-dry	1	10/14/2011 6:25:00 AM
sec-Butylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
4-Isopropyltoluene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,3-Dichlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,4-Dichlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
n-Butylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2-Dichlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2,4-Trimethylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Hexachloro-1,3-butadiene	ND	0.0527		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Naphthalene	ND	0.0158		mg/Kg-dry	1	10/14/2011 6:25:00 AM
1,2,3-Trichlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 6:25:00 AM
Surr: 1-Bromo-4-fluorobenzene	100	72-135		%REC	1	10/14/2011 6:25:00 AM
Surr: Dibromofluoromethane	107	75.1-135		%REC	1	10/14/2011 6:25:00 AM
Surr: Toluene-d8	106	76.5-134		%REC	1	10/14/2011 6:25:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	17.0			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-007
Client Sample ID: SB-11-65

Collection Date: 10/12/2011 8:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0311		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Chloromethane	ND	0.0311		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Vinyl chloride	ND	0.00104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Bromomethane	ND	0.0467		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0259		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Chloroethane	ND	0.0311		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,1-Dichloroethene	ND	0.0259		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Methylene chloride	0.000633	0.0104	J	mg/Kg-dry	1	10/14/2011 6:52:00 AM
trans-1,2-Dichloroethene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0259		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,1-Dichloroethane	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
2,2-Dichloropropane	ND	0.0259		mg/Kg-dry	1	10/14/2011 6:52:00 AM
cis-1,2-Dichloroethene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Chloroform	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Trichloroethane (TCA)	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,1-Dichloropropene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Carbon tetrachloride	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2-Dichloroethane	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Benzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Trichloroethene (TCE)	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2-Dichloropropane	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Bromodichloromethane	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Dibromomethane	ND	0.0208		mg/Kg-dry	1	10/14/2011 6:52:00 AM
cis-1,3-Dichloropropene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Toluene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
trans-1,3-Dichloropropylene	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,1,2-Trichloroethane	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,3-Dichloropropane	ND	0.0259		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Tetrachloroethene (PCE)	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Dibromochloromethane	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2-Dibromoethane (EDB)	ND	0.00259		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Chlorobenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Ethylbenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
m,p-Xylene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-007
Client Sample ID: SB-11-65

Collection Date: 10/12/2011 8:45:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Styrene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Isopropylbenzene	ND	0.0415		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Bromoform	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
n-Propylbenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Bromobenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,3,5-Trimethylbenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
2-Chlorotoluene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
4-Chlorotoluene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
tert-Butylbenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2,3-Trichloropropane	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2,4-Trichlorobenzene	ND	0.0259		mg/Kg-dry	1	10/14/2011 6:52:00 AM
sec-Butylbenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
4-Isopropyltoluene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,3-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,4-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
n-Butylbenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2,4-Trimethylbenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Hexachloro-1,3-butadiene	ND	0.0519		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Naphthalene	ND	0.0156		mg/Kg-dry	1	10/14/2011 6:52:00 AM
1,2,3-Trichlorobenzene	ND	0.0104		mg/Kg-dry	1	10/14/2011 6:52:00 AM
Surr: 1-Bromo-4-fluorobenzene	105	72-135		%REC	1	10/14/2011 6:52:00 AM
Surr: Dibromofluoromethane	107	75.1-135		%REC	1	10/14/2011 6:52:00 AM
Surr: Toluene-d8	103	76.5-134		%REC	1	10/14/2011 6:52:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	20.0			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-008
Client Sample ID: SB-11-70

Collection Date: 10/12/2011 8:50:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0315		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Chloromethane	ND	0.0315		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Vinyl chloride	ND	0.00105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Bromomethane	ND	0.0473		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0263		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Chloroethane	ND	0.0315		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,1-Dichloroethene	ND	0.0263		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Methylene chloride	0.000735	0.0105	J	mg/Kg-dry	1	10/14/2011 7:19:00 AM
trans-1,2-Dichloroethene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0263		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,1-Dichloroethane	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
2,2-Dichloropropane	ND	0.0263		mg/Kg-dry	1	10/14/2011 7:19:00 AM
cis-1,2-Dichloroethene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Chloroform	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Trichloroethane (TCA)	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,1-Dichloropropene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Carbon tetrachloride	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2-Dichloroethane	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Benzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Trichloroethene (TCE)	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2-Dichloropropane	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Bromodichloromethane	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Dibromomethane	ND	0.0210		mg/Kg-dry	1	10/14/2011 7:19:00 AM
cis-1,3-Dichloropropene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Toluene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
trans-1,3-Dichloropropylene	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,1,2-Trichloroethane	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,3-Dichloropropane	ND	0.0263		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Tetrachloroethene (PCE)	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Dibromochloromethane	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2-Dibromoethane (EDB)	ND	0.00263		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Chlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Ethylbenzene	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
m,p-Xylene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-008
Client Sample ID: SB-11-70

Collection Date: 10/12/2011 8:50:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Styrene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Isopropylbenzene	ND	0.0420		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Bromoform	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
n-Propylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Bromobenzene	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,3,5-Trimethylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
2-Chlorotoluene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
4-Chlorotoluene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
tert-Butylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2,3-Trichloropropane	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2,4-Trichlorobenzene	ND	0.0263		mg/Kg-dry	1	10/14/2011 7:19:00 AM
sec-Butylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
4-Isopropyltoluene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,3-Dichlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,4-Dichlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
n-Butylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2-Dichlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2,4-Trimethylbenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Hexachloro-1,3-butadiene	ND	0.0525		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Naphthalene	ND	0.0158		mg/Kg-dry	1	10/14/2011 7:19:00 AM
1,2,3-Trichlorobenzene	ND	0.0105		mg/Kg-dry	1	10/14/2011 7:19:00 AM
Surr: 1-Bromo-4-fluorobenzene	103	72-135		%REC	1	10/14/2011 7:19:00 AM
Surr: Dibromofluoromethane	105	75.1-135		%REC	1	10/14/2011 7:19:00 AM
Surr: Toluene-d8	108	76.5-134		%REC	1	10/14/2011 7:19:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	18.9			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-009
Client Sample ID: SB-11-75

Collection Date: 10/12/2011 8:55:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: 1266	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0414		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Chloromethane	ND	0.0414		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Vinyl chloride	ND	0.00138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Bromomethane	ND	0.0622		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0345		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Chloroethane	ND	0.0414		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,1-Dichloroethene	ND	0.0345		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Methylene chloride	0.00131	0.0138	J	mg/Kg-dry	1	10/14/2011 7:46:00 AM
trans-1,2-Dichloroethene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Methyl tert-butyl ether (MTBE)	0.000870	0.0345	J	mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,1-Dichloroethane	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
2,2-Dichloropropane	ND	0.0345		mg/Kg-dry	1	10/14/2011 7:46:00 AM
cis-1,2-Dichloroethene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Chloroform	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Trichloroethane (TCA)	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,1-Dichloropropene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Carbon tetrachloride	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2-Dichloroethane	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Benzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Trichloroethene (TCE)	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2-Dichloropropane	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Bromodichloromethane	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Dibromomethane	ND	0.0276		mg/Kg-dry	1	10/14/2011 7:46:00 AM
cis-1,3-Dichloropropene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Toluene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
trans-1,3-Dichloropropylene	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,1,2-Trichloroethane	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,3-Dichloropropane	ND	0.0345		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Tetrachloroethene (PCE)	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Dibromochloromethane	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2-Dibromoethane (EDB)	ND	0.00345		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Chlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Ethylbenzene	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
m,p-Xylene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-009
Client Sample ID: SB-11-75

Collection Date: 10/12/2011 8:55:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Styrene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Isopropylbenzene	ND	0.0553		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Bromoform	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
n-Propylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Bromobenzene	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,3,5-Trimethylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
2-Chlorotoluene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
4-Chlorotoluene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
tert-Butylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2,3-Trichloropropane	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2,4-Trichlorobenzene	ND	0.0345		mg/Kg-dry	1	10/14/2011 7:46:00 AM
sec-Butylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
4-Isopropyltoluene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,3-Dichlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,4-Dichlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
n-Butylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2-Dichlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2,4-Trimethylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Hexachloro-1,3-butadiene	ND	0.0691		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Naphthalene	ND	0.0207		mg/Kg-dry	1	10/14/2011 7:46:00 AM
1,2,3-Trichlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 7:46:00 AM
Surr: 1-Bromo-4-fluorobenzene	87.6	72-135		%REC	1	10/14/2011 7:46:00 AM
Surr: Dibromofluoromethane	106	75.1-135		%REC	1	10/14/2011 7:46:00 AM
Surr: Toluene-d8	99.8	76.5-134		%REC	1	10/14/2011 7:46:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	19.8			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-010
Client Sample ID: SB-11-80

Collection Date: 10/12/2011 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0340		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Chloromethane	ND	0.0340		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Vinyl chloride	ND	0.00113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Bromomethane	ND	0.0510		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0283		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Chloroethane	ND	0.0340		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,1-Dichloroethene	ND	0.0283		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Methylene chloride	0.00102	0.0113	J	mg/Kg-dry	1	10/14/2011 8:13:00 AM
trans-1,2-Dichloroethene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0283		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,1-Dichloroethane	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
2,2-Dichloropropane	ND	0.0283		mg/Kg-dry	1	10/14/2011 8:13:00 AM
cis-1,2-Dichloroethene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Chloroform	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Trichloroethane (TCA)	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,1-Dichloropropene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Carbon tetrachloride	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2-Dichloroethane	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Benzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Trichloroethene (TCE)	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2-Dichloropropane	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Bromodichloromethane	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Dibromomethane	ND	0.0226		mg/Kg-dry	1	10/14/2011 8:13:00 AM
cis-1,3-Dichloropropene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Toluene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
trans-1,3-Dichloropropylene	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,1,2-Trichloroethane	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,3-Dichloropropane	ND	0.0283		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Tetrachloroethene (PCE)	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Dibromochloromethane	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2-Dibromoethane (EDB)	ND	0.00283		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Chlorobenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Ethylbenzene	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
m,p-Xylene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-010
Client Sample ID: SB-11-80

Collection Date: 10/12/2011 9:00:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Styrene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Isopropylbenzene	ND	0.0453		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Bromoform	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
n-Propylbenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Bromobenzene	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,3,5-Trimethylbenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
2-Chlorotoluene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
4-Chlorotoluene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
tert-Butylbenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2,3-Trichloropropane	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2,4-Trichlorobenzene	ND	0.0283		mg/Kg-dry	1	10/14/2011 8:13:00 AM
sec-Butylbenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
4-Isopropyltoluene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,3-Dichlorobenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,4-Dichlorobenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
n-Butylbenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2-Dichlorobenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2,4-Trimethylbenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Hexachloro-1,3-butadiene	ND	0.0566		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Naphthalene	ND	0.0170		mg/Kg-dry	1	10/14/2011 8:13:00 AM
1,2,3-Trichlorobenzene	ND	0.0113		mg/Kg-dry	1	10/14/2011 8:13:00 AM
Surr: 1-Bromo-4-fluorobenzene	102	72-135		%REC	1	10/14/2011 8:13:00 AM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/14/2011 8:13:00 AM
Surr: Toluene-d8	108	76.5-134		%REC	1	10/14/2011 8:13:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	17.9			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-011
Client Sample ID: SB-11-C-35-80

Collection Date: 10/12/2011 9:30:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0364		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Chloromethane	ND	0.0364		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Vinyl chloride	ND	0.00121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Bromomethane	ND	0.0546		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0303		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Chloroethane	ND	0.0364		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,1-Dichloroethene	ND	0.0303		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Methylene chloride	0.00162	0.0121	J	mg/Kg-dry	1	10/14/2011 8:40:00 AM
trans-1,2-Dichloroethene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0303		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,1-Dichloroethane	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
2,2-Dichloropropane	ND	0.0303		mg/Kg-dry	1	10/14/2011 8:40:00 AM
cis-1,2-Dichloroethene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Chloroform	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Trichloroethane (TCA)	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,1-Dichloropropene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Carbon tetrachloride	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2-Dichloroethane	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Benzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Trichloroethene (TCE)	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2-Dichloropropane	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Bromodichloromethane	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Dibromomethane	ND	0.0242		mg/Kg-dry	1	10/14/2011 8:40:00 AM
cis-1,3-Dichloropropene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Toluene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
trans-1,3-Dichloropropylene	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,1,2-Trichloroethane	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,3-Dichloropropane	ND	0.0303		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Tetrachloroethene (PCE)	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Dibromochloromethane	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2-Dibromoethane (EDB)	ND	0.00303		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Chlorobenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Ethylbenzene	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
m,p-Xylene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-011
Client Sample ID: SB-11-C-35-80

Collection Date: 10/12/2011 9:30:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Styrene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Isopropylbenzene	ND	0.0485		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Bromoform	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
n-Propylbenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Bromobenzene	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,3,5-Trimethylbenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
2-Chlorotoluene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
4-Chlorotoluene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
tert-Butylbenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2,3-Trichloropropane	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2,4-Trichlorobenzene	ND	0.0303		mg/Kg-dry	1	10/14/2011 8:40:00 AM
sec-Butylbenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
4-Isopropyltoluene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,3-Dichlorobenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,4-Dichlorobenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
n-Butylbenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2-Dichlorobenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2,4-Trimethylbenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Hexachloro-1,3-butadiene	ND	0.0606		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Naphthalene	ND	0.0182		mg/Kg-dry	1	10/14/2011 8:40:00 AM
1,2,3-Trichlorobenzene	ND	0.0121		mg/Kg-dry	1	10/14/2011 8:40:00 AM
Surr: 1-Bromo-4-fluorobenzene	102	72-135		%REC	1	10/14/2011 8:40:00 AM
Surr: Dibromofluoromethane	105	75.1-135		%REC	1	10/14/2011 8:40:00 AM
Surr: Toluene-d8	106	76.5-134		%REC	1	10/14/2011 8:40:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	14.1			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-012
Client Sample ID: SB-12-35

Collection Date: 10/12/2011 2:15:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: 1266	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0386		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Chloromethane	ND	0.0386		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Vinyl chloride	ND	0.00129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Bromomethane	ND	0.0579		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0322		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Chloroethane	ND	0.0386		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,1-Dichloroethene	ND	0.0322		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Methylene chloride	0.000952	0.0129	J	mg/Kg-dry	1	10/14/2011 9:07:00 AM
trans-1,2-Dichloroethene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0322		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,1-Dichloroethane	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
2,2-Dichloropropane	ND	0.0322		mg/Kg-dry	1	10/14/2011 9:07:00 AM
cis-1,2-Dichloroethene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Chloroform	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Trichloroethane (TCA)	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,1-Dichloropropene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Carbon tetrachloride	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2-Dichloroethane	0.000399	0.0193	J	mg/Kg-dry	1	10/14/2011 9:07:00 AM
Benzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Trichloroethene (TCE)	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2-Dichloropropane	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Bromodichloromethane	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Dibromomethane	ND	0.0257		mg/Kg-dry	1	10/14/2011 9:07:00 AM
cis-1,3-Dichloropropene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Toluene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
trans-1,3-Dichloropropylene	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,1,2-Trichloroethane	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,3-Dichloropropane	ND	0.0322		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Tetrachloroethene (PCE)	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Dibromochloromethane	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2-Dibromoethane (EDB)	ND	0.00322		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Chlorobenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Ethylbenzene	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
m,p-Xylene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-012
Client Sample ID: SB-12-35

Collection Date: 10/12/2011 2:15:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Styrene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Isopropylbenzene	ND	0.0515		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Bromoform	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
n-Propylbenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Bromobenzene	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,3,5-Trimethylbenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
2-Chlorotoluene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
4-Chlorotoluene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
tert-Butylbenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2,3-Trichloropropane	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2,4-Trichlorobenzene	ND	0.0322		mg/Kg-dry	1	10/14/2011 9:07:00 AM
sec-Butylbenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
4-Isopropyltoluene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,3-Dichlorobenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,4-Dichlorobenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
n-Butylbenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2-Dichlorobenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2,4-Trimethylbenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Hexachloro-1,3-butadiene	ND	0.0643		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Naphthalene	ND	0.0193		mg/Kg-dry	1	10/14/2011 9:07:00 AM
1,2,3-Trichlorobenzene	ND	0.0129		mg/Kg-dry	1	10/14/2011 9:07:00 AM
Surr: 1-Bromo-4-fluorobenzene	104	72-135		%REC	1	10/14/2011 9:07:00 AM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/14/2011 9:07:00 AM
Surr: Toluene-d8	105	76.5-134		%REC	1	10/14/2011 9:07:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	11.6			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-013
Client Sample ID: SB-12-40

Collection Date: 10/12/2011 2:20:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0385		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Chloromethane	ND	0.0385		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Vinyl chloride	ND	0.00128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Bromomethane	ND	0.0577		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0321		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Chloroethane	ND	0.0385		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,1-Dichloroethene	ND	0.0321		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Methylene chloride	0.00126	0.0128	J	mg/Kg-dry	1	10/14/2011 9:34:00 AM
trans-1,2-Dichloroethene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0321		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,1-Dichloroethane	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
2,2-Dichloropropane	ND	0.0321		mg/Kg-dry	1	10/14/2011 9:34:00 AM
cis-1,2-Dichloroethene	0.000641	0.0128	J	mg/Kg-dry	1	10/14/2011 9:34:00 AM
Chloroform	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Trichloroethane (TCA)	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,1-Dichloropropene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Carbon tetrachloride	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2-Dichloroethane	0.000667	0.0192	J	mg/Kg-dry	1	10/14/2011 9:34:00 AM
Benzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Trichloroethene (TCE)	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2-Dichloropropane	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Bromodichloromethane	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Dibromomethane	ND	0.0257		mg/Kg-dry	1	10/14/2011 9:34:00 AM
cis-1,3-Dichloropropene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Toluene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
trans-1,3-Dichloropropylene	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,1,2-Trichloroethane	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,3-Dichloropropane	ND	0.0321		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Tetrachloroethene (PCE)	0.00436	0.0128	J	mg/Kg-dry	1	10/14/2011 9:34:00 AM
Dibromochloromethane	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2-Dibromoethane (EDB)	ND	0.00321		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Chlorobenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Ethylbenzene	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
m,p-Xylene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-013
Client Sample ID: SB-12-40

Collection Date: 10/12/2011 2:20:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Styrene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Isopropylbenzene	ND	0.0513		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Bromoform	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
n-Propylbenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Bromobenzene	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,3,5-Trimethylbenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
2-Chlorotoluene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
4-Chlorotoluene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
tert-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2,3-Trichloropropane	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2,4-Trichlorobenzene	ND	0.0321		mg/Kg-dry	1	10/14/2011 9:34:00 AM
sec-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
4-Isopropyltoluene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,3-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,4-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
n-Butylbenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2-Dichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2,4-Trimethylbenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Hexachloro-1,3-butadiene	ND	0.0641		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Naphthalene	ND	0.0192		mg/Kg-dry	1	10/14/2011 9:34:00 AM
1,2,3-Trichlorobenzene	ND	0.0128		mg/Kg-dry	1	10/14/2011 9:34:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.9	72-135		%REC	1	10/14/2011 9:34:00 AM
Surr: Dibromofluoromethane	105	75.1-135		%REC	1	10/14/2011 9:34:00 AM
Surr: Toluene-d8	108	76.5-134		%REC	1	10/14/2011 9:34:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	9.84			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-014
Client Sample ID: SB-12-45

Collection Date: 10/12/2011 2:25:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0346		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Chloromethane	ND	0.0346		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Vinyl chloride	ND	0.00115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Bromomethane	ND	0.0519		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0288		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Chloroethane	ND	0.0346		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,1-Dichloroethene	ND	0.0288		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Methylene chloride	0.00101	0.0115	J	mg/Kg-dry	1	10/14/2011 10:01:00 AM
trans-1,2-Dichloroethene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0288		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,1-Dichloroethane	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
2,2-Dichloropropane	ND	0.0288		mg/Kg-dry	1	10/14/2011 10:01:00 AM
cis-1,2-Dichloroethene	0.000749	0.0115	J	mg/Kg-dry	1	10/14/2011 10:01:00 AM
Chloroform	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Trichloroethane (TCA)	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,1-Dichloropropene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Carbon tetrachloride	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2-Dichloroethane	0.000645	0.0173	J	mg/Kg-dry	1	10/14/2011 10:01:00 AM
Benzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Trichloroethene (TCE)	0.000403	0.0173	J	mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2-Dichloropropane	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Bromodichloromethane	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Dibromomethane	ND	0.0230		mg/Kg-dry	1	10/14/2011 10:01:00 AM
cis-1,3-Dichloropropene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Toluene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
trans-1,3-Dichloropropylene	ND	0.0173		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,1,2-Trichloroethane	ND	0.0173		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,3-Dichloropropane	ND	0.0288		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Tetrachloroethene (PCE)	0.00479	0.0115	J	mg/Kg-dry	1	10/14/2011 10:01:00 AM
Dibromochloromethane	ND	0.0173		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2-Dibromoethane (EDB)	ND	0.00288		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Chlorobenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0173		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Ethylbenzene	ND	0.0173		mg/Kg-dry	1	10/14/2011 10:01:00 AM
m,p-Xylene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-014
Client Sample ID: SB-12-45

Collection Date: 10/12/2011 2:25:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Styrene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Isopropylbenzene	ND	0.0461		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Bromoform	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
n-Propylbenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Bromobenzene	ND	0.0173		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,3,5-Trimethylbenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
2-Chlorotoluene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
4-Chlorotoluene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
tert-Butylbenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2,3-Trichloropropane	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2,4-Trichlorobenzene	ND	0.0288		mg/Kg-dry	1	10/14/2011 10:01:00 AM
sec-Butylbenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
4-Isopropyltoluene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,3-Dichlorobenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,4-Dichlorobenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
n-Butylbenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2-Dichlorobenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0173		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2,4-Trimethylbenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Hexachloro-1,3-butadiene	ND	0.0576		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Naphthalene	ND	0.0173		mg/Kg-dry	1	10/14/2011 10:01:00 AM
1,2,3-Trichlorobenzene	ND	0.0115		mg/Kg-dry	1	10/14/2011 10:01:00 AM
Surr: 1-Bromo-4-fluorobenzene	101	72-135		%REC	1	10/14/2011 10:01:00 AM
Surr: Dibromofluoromethane	103	75.1-135		%REC	1	10/14/2011 10:01:00 AM
Surr: Toluene-d8	112	76.5-134		%REC	1	10/14/2011 10:01:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	9.98			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-015
Client Sample ID: SB-12-55

Collection Date: 10/12/2011 2:35:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0200		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Chloromethane	ND	0.0200		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Vinyl chloride	ND	0.000667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Bromomethane	ND	0.0300		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0167		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Chloroethane	ND	0.0200		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,1-Dichloroethene	ND	0.0167		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Methylene chloride	0.000373	0.00667	J	mg/Kg-dry	1	10/14/2011 10:28:00 AM
trans-1,2-Dichloroethene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0167		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,1-Dichloroethane	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
2,2-Dichloropropane	ND	0.0167		mg/Kg-dry	1	10/14/2011 10:28:00 AM
cis-1,2-Dichloroethene	0.000393	0.00667	J	mg/Kg-dry	1	10/14/2011 10:28:00 AM
Chloroform	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Trichloroethane (TCA)	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,1-Dichloropropene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Carbon tetrachloride	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2-Dichloroethane	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Benzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Trichloroethene (TCE)	0.000460	0.0100	J	mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2-Dichloropropane	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Bromodichloromethane	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Dibromomethane	ND	0.0133		mg/Kg-dry	1	10/14/2011 10:28:00 AM
cis-1,3-Dichloropropene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Toluene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
trans-1,3-Dichloropropylene	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,1,2-Trichloroethane	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,3-Dichloropropane	ND	0.0167		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Tetrachloroethene (PCE)	0.00606	0.00667	J	mg/Kg-dry	1	10/14/2011 10:28:00 AM
Dibromochloromethane	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2-Dibromoethane (EDB)	ND	0.00167		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Chlorobenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Ethylbenzene	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
m,p-Xylene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-015
Client Sample ID: SB-12-55

Collection Date: 10/12/2011 2:35:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Styrene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Isopropylbenzene	ND	0.0267		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Bromoform	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,1,2,2-Tetrachloroethane	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
n-Propylbenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Bromobenzene	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,3,5-Trimethylbenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
2-Chlorotoluene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
4-Chlorotoluene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
tert-Butylbenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2,3-Trichloropropane	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2,4-Trichlorobenzene	ND	0.0167		mg/Kg-dry	1	10/14/2011 10:28:00 AM
sec-Butylbenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
4-Isopropyltoluene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,3-Dichlorobenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,4-Dichlorobenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
n-Butylbenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2-Dichlorobenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2,4-Trimethylbenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Hexachloro-1,3-butadiene	ND	0.0333		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Naphthalene	ND	0.0100		mg/Kg-dry	1	10/14/2011 10:28:00 AM
1,2,3-Trichlorobenzene	ND	0.00667		mg/Kg-dry	1	10/14/2011 10:28:00 AM
Surr: 1-Bromo-4-fluorobenzene	103	72-135		%REC	1	10/14/2011 10:28:00 AM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/14/2011 10:28:00 AM
Surr: Toluene-d8	110	76.5-134		%REC	1	10/14/2011 10:28:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	10.4			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-016
Client Sample ID: SB-12-60

Collection Date: 10/12/2011 2:40:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0295		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Chloromethane	ND	0.0295		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Vinyl chloride	ND	0.000982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Bromomethane	ND	0.0442		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0246		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Chloroethane	ND	0.0295		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,1-Dichloroethene	ND	0.0246		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Methylene chloride	0.000756	0.00982	J	mg/Kg-dry	1	10/14/2011 10:55:00 AM
trans-1,2-Dichloroethene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0246		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,1-Dichloroethane	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
2,2-Dichloropropane	ND	0.0246		mg/Kg-dry	1	10/14/2011 10:55:00 AM
cis-1,2-Dichloroethene	0.00102	0.00982	J	mg/Kg-dry	1	10/14/2011 10:55:00 AM
Chloroform	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Trichloroethane (TCA)	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,1-Dichloropropene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Carbon tetrachloride	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2-Dichloroethane	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Benzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Trichloroethene (TCE)	0.00120	0.0147	J	mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2-Dichloropropane	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Bromodichloromethane	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Dibromomethane	ND	0.0196		mg/Kg-dry	1	10/14/2011 10:55:00 AM
cis-1,3-Dichloropropene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Toluene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
trans-1,3-Dichloropropylene	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,1,2-Trichloroethane	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,3-Dichloropropane	ND	0.0246		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Tetrachloroethene (PCE)	0.00901	0.00982	J	mg/Kg-dry	1	10/14/2011 10:55:00 AM
Dibromochloromethane	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2-Dibromoethane (EDB)	ND	0.00246		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Chlorobenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Ethylbenzene	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
m,p-Xylene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-016
Client Sample ID: SB-12-60

Collection Date: 10/12/2011 2:40:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Styrene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Isopropylbenzene	ND	0.0393		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Bromoform	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,1,2,2-Tetrachloroethane	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
n-Propylbenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Bromobenzene	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,3,5-Trimethylbenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
2-Chlorotoluene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
4-Chlorotoluene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
tert-Butylbenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2,3-Trichloropropane	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2,4-Trichlorobenzene	ND	0.0246		mg/Kg-dry	1	10/14/2011 10:55:00 AM
sec-Butylbenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
4-Isopropyltoluene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,3-Dichlorobenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,4-Dichlorobenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
n-Butylbenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2-Dichlorobenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2,4-Trimethylbenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Hexachloro-1,3-butadiene	ND	0.0491		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Naphthalene	ND	0.0147		mg/Kg-dry	1	10/14/2011 10:55:00 AM
1,2,3-Trichlorobenzene	ND	0.00982		mg/Kg-dry	1	10/14/2011 10:55:00 AM
Surr: 1-Bromo-4-fluorobenzene	102	72-135		%REC	1	10/14/2011 10:55:00 AM
Surr: Dibromofluoromethane	103	75.1-135		%REC	1	10/14/2011 10:55:00 AM
Surr: Toluene-d8	111	76.5-134		%REC	1	10/14/2011 10:55:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	9.60			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-017
Client Sample ID: SB-12-65

Collection Date: 10/12/2011 2:45:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0453		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Chloromethane	ND	0.0453		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Vinyl chloride	ND	0.00151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Bromomethane	ND	0.0680		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0378		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Chloroethane	ND	0.0453		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,1-Dichloroethene	ND	0.0378		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Methylene chloride	0.00193	0.0151	J	mg/Kg-dry	1	10/14/2011 12:58:00 PM
trans-1,2-Dichloroethene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0378		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,1-Dichloroethane	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
2,2-Dichloropropane	ND	0.0378		mg/Kg-dry	1	10/14/2011 12:58:00 PM
cis-1,2-Dichloroethene	0.00153	0.0151	J	mg/Kg-dry	1	10/14/2011 12:58:00 PM
Chloroform	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Trichloroethane (TCA)	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,1-Dichloropropene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Carbon tetrachloride	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2-Dichloroethane	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Benzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Trichloroethene (TCE)	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2-Dichloropropane	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Bromodichloromethane	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Dibromomethane	ND	0.0302		mg/Kg-dry	1	10/14/2011 12:58:00 PM
cis-1,3-Dichloropropene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Toluene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
trans-1,3-Dichloropropylene	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,1,2-Trichloroethane	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,3-Dichloropropane	ND	0.0378		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Tetrachloroethene (PCE)	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Dibromochloromethane	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2-Dibromoethane (EDB)	ND	0.00378		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Chlorobenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Ethylbenzene	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
m,p-Xylene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-017
Client Sample ID: SB-12-65

Collection Date: 10/12/2011 2:45:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Styrene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Isopropylbenzene	ND	0.0604		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Bromoform	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
n-Propylbenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Bromobenzene	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,3,5-Trimethylbenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
2-Chlorotoluene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
4-Chlorotoluene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
tert-Butylbenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2,3-Trichloropropane	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2,4-Trichlorobenzene	ND	0.0378		mg/Kg-dry	1	10/14/2011 12:58:00 PM
sec-Butylbenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
4-Isopropyltoluene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,3-Dichlorobenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,4-Dichlorobenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
n-Butylbenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2-Dichlorobenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2,4-Trimethylbenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Hexachloro-1,3-butadiene	ND	0.0756		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Naphthalene	ND	0.0227		mg/Kg-dry	1	10/14/2011 12:58:00 PM
1,2,3-Trichlorobenzene	ND	0.0151		mg/Kg-dry	1	10/14/2011 12:58:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.1	72-135		%REC	1	10/14/2011 12:58:00 PM
Surr: Dibromofluoromethane	105	75.1-135		%REC	1	10/14/2011 12:58:00 PM
Surr: Toluene-d8	108	76.5-134		%REC	1	10/14/2011 12:58:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	15.7			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-018
Client Sample ID: SB-12-70

Collection Date: 10/12/2011 2:50:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0477		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Chloromethane	ND	0.0477		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Vinyl chloride	ND	0.00159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Bromomethane	ND	0.0716		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0398		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Chloroethane	ND	0.0477		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,1-Dichloroethene	ND	0.0398		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Methylene chloride	0.00199	0.0159	J	mg/Kg-dry	1	10/14/2011 1:25:00 PM
trans-1,2-Dichloroethene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0398		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,1-Dichloroethane	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
2,2-Dichloropropane	ND	0.0398		mg/Kg-dry	1	10/14/2011 1:25:00 PM
cis-1,2-Dichloroethene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Chloroform	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Trichloroethane (TCA)	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,1-Dichloropropene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Carbon tetrachloride	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2-Dichloroethane	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Benzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Trichloroethene (TCE)	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2-Dichloropropane	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Bromodichloromethane	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Dibromomethane	ND	0.0318		mg/Kg-dry	1	10/14/2011 1:25:00 PM
cis-1,3-Dichloropropene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Toluene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
trans-1,3-Dichloropropylene	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,1,2-Trichloroethane	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,3-Dichloropropane	ND	0.0398		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Tetrachloroethene (PCE)	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Dibromochloromethane	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2-Dibromoethane (EDB)	ND	0.00398		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Chlorobenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Ethylbenzene	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
m,p-Xylene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-018
Client Sample ID: SB-12-70

Collection Date: 10/12/2011 2:50:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Styrene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Isopropylbenzene	ND	0.0636		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Bromoform	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
n-Propylbenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Bromobenzene	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,3,5-Trimethylbenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
2-Chlorotoluene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
4-Chlorotoluene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
tert-Butylbenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2,3-Trichloropropane	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2,4-Trichlorobenzene	ND	0.0398		mg/Kg-dry	1	10/14/2011 1:25:00 PM
sec-Butylbenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
4-Isopropyltoluene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,3-Dichlorobenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,4-Dichlorobenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
n-Butylbenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2-Dichlorobenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2,4-Trimethylbenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Hexachloro-1,3-butadiene	ND	0.0795		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Naphthalene	ND	0.0239		mg/Kg-dry	1	10/14/2011 1:25:00 PM
1,2,3-Trichlorobenzene	ND	0.0159		mg/Kg-dry	1	10/14/2011 1:25:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.0	72-135		%REC	1	10/14/2011 1:25:00 PM
Surr: Dibromofluoromethane	105	75.1-135		%REC	1	10/14/2011 1:25:00 PM
Surr: Toluene-d8	96.1	76.5-134		%REC	1	10/14/2011 1:25:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	19.3			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-019
Client Sample ID: SB-12-75

Collection Date: 10/12/2011 2:55:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0469		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Chloromethane	ND	0.0469		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Vinyl chloride	ND	0.00156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Bromomethane	ND	0.0704		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0391		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Chloroethane	ND	0.0469		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,1-Dichloroethene	ND	0.0391		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Methylene chloride	0.00141	0.0156	J	mg/Kg-dry	1	10/14/2011 1:53:00 PM
trans-1,2-Dichloroethene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0391		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,1-Dichloroethane	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
2,2-Dichloropropane	ND	0.0391		mg/Kg-dry	1	10/14/2011 1:53:00 PM
cis-1,2-Dichloroethene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Chloroform	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Trichloroethane (TCA)	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,1-Dichloropropene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Carbon tetrachloride	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2-Dichloroethane	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Benzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Trichloroethene (TCE)	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2-Dichloropropane	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Bromodichloromethane	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Dibromomethane	ND	0.0313		mg/Kg-dry	1	10/14/2011 1:53:00 PM
cis-1,3-Dichloropropene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Toluene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
trans-1,3-Dichloropropylene	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,1,2-Trichloroethane	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,3-Dichloropropane	ND	0.0391		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Tetrachloroethene (PCE)	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Dibromochloromethane	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2-Dibromoethane (EDB)	ND	0.00391		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Chlorobenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Ethylbenzene	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
m,p-Xylene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-019
Client Sample ID: SB-12-75

Collection Date: 10/12/2011 2:55:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Styrene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Isopropylbenzene	ND	0.0626		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Bromoform	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
n-Propylbenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Bromobenzene	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,3,5-Trimethylbenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
2-Chlorotoluene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
4-Chlorotoluene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
tert-Butylbenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2,3-Trichloropropane	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2,4-Trichlorobenzene	ND	0.0391		mg/Kg-dry	1	10/14/2011 1:53:00 PM
sec-Butylbenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
4-Isopropyltoluene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,3-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,4-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
n-Butylbenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2,4-Trimethylbenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Hexachloro-1,3-butadiene	ND	0.0782		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Naphthalene	ND	0.0235		mg/Kg-dry	1	10/14/2011 1:53:00 PM
1,2,3-Trichlorobenzene	ND	0.0156		mg/Kg-dry	1	10/14/2011 1:53:00 PM
Surr: 1-Bromo-4-fluorobenzene	88.6	72-135		%REC	1	10/14/2011 1:53:00 PM
Surr: Dibromofluoromethane	103	75.1-135		%REC	1	10/14/2011 1:53:00 PM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/14/2011 1:53:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	13.6			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110045-020
Client Sample ID: SB-12-C-35-75

Collection Date: 10/12/2011 3:00:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: 1266	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0297		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Chloromethane	ND	0.0297		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Vinyl chloride	ND	0.000992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Bromomethane	ND	0.0446		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0248		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Chloroethane	ND	0.0297		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,1-Dichloroethene	ND	0.0248		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Methylene chloride	0.00114	0.00992	J	mg/Kg-dry	1	10/14/2011 2:20:00 PM
trans-1,2-Dichloroethene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0248		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,1-Dichloroethane	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
2,2-Dichloropropane	ND	0.0248		mg/Kg-dry	1	10/14/2011 2:20:00 PM
cis-1,2-Dichloroethene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Chloroform	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Trichloroethane (TCA)	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,1-Dichloropropene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Carbon tetrachloride	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2-Dichloroethane	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Benzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Trichloroethene (TCE)	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2-Dichloropropane	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Bromodichloromethane	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Dibromomethane	ND	0.0198		mg/Kg-dry	1	10/14/2011 2:20:00 PM
cis-1,3-Dichloropropene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Toluene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
trans-1,3-Dichloropropylene	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,1,2-Trichloroethane	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,3-Dichloropropane	ND	0.0248		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Tetrachloroethene (PCE)	0.00151	0.00992	J	mg/Kg-dry	1	10/14/2011 2:20:00 PM
Dibromochloromethane	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2-Dibromoethane (EDB)	ND	0.00248		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Chlorobenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Ethylbenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
m,p-Xylene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110045

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/12/2011 3:00:00 PM

Project: SRO-Bellevue Corner Property

Lab ID: 1110045-020

Matrix: Soil

Client Sample ID: SB-12-C-35-75

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1266

Analyst: PH

o-Xylene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Styrene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Isopropylbenzene	ND	0.0397		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Bromoform	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
n-Propylbenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Bromobenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,3,5-Trimethylbenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
2-Chlorotoluene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
4-Chlorotoluene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
tert-Butylbenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2,3-Trichloropropane	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2,4-Trichlorobenzene	ND	0.0248		mg/Kg-dry	1	10/14/2011 2:20:00 PM
sec-Butylbenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
4-Isopropyltoluene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,3-Dichlorobenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,4-Dichlorobenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
n-Butylbenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2-Dichlorobenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2,4-Trimethylbenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Hexachloro-1,3-butadiene	ND	0.0496		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Naphthalene	ND	0.0149		mg/Kg-dry	1	10/14/2011 2:20:00 PM
1,2,3-Trichlorobenzene	ND	0.00992		mg/Kg-dry	1	10/14/2011 2:20:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	72-135		%REC	1	10/14/2011 2:20:00 PM
Surr: Dibromofluoromethane	97.5	75.1-135		%REC	1	10/14/2011 2:20:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	10/14/2011 2:20:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2107

Analyst: CF

Percent Moisture	10.6			wt%	1	10/13/2011 10:01:06 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Work Order: 1110045
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1263	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2111
Client ID: MBLKS	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37425

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.00304	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Work Order: 1110045
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1263	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2111
Client ID: MBLKS	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37425

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									

Qualifiers:

D Dilution was required	E Value above quantitation range	H Holding times for preparation or analysis e
J Analyte detected below quantitation limits	ND Not detected at the Reporting Limit	R RPD outside accepted recovery limits
RL Reporting Limit	S Spike recovery outside accepted recovery limits	

Work Order: 1110045
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1263	SampType: MBLK	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2111							
Client ID: MBLKS	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37425							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0195		0.02000		97.7	72	135				
Surr: Dibromofluoromethane	0.0219		0.02000		109	75.1	135				
Surr: Toluene-d8	0.0204		0.02000		102	76.5	134				

Sample ID: LCS-1263	SampType: LCS	Units: mg/Kg	Prep Date: 10/11/2011	RunNo: 2111							
Client ID: LCSS	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37426							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.247	0.0500	0.2000	0	124	65	135				
Benzene	0.225	0.0200	0.2000	0	112	65	135				
Trichloroethene (TCE)	0.256	0.0300	0.2000	0	128	65	135				
Toluene	0.237	0.0200	0.2000	0	119	65	135				
Tetrachloroethene (PCE)	0.168	0.0200	0.1600	0	105	65	135				
Chlorobenzene	0.225	0.0200	0.2000	0	112	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0200		0.02000		100	72	144				
Surr: Dibromofluoromethane	0.0205		0.02000		102	75.1	137				
Surr: Toluene-d8	0.0186		0.02000		92.8	76.5	134				

Qualifiers:

D	Dilution was required	E	Value above quantitation range	H	Holding times for preparation or analysis e
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit	R	RPD outside accepted recovery limits
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits		



Date: 10/14/2011

Work Order: 1110045
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110042-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2111
Client ID: BATCH	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37430

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0324						0	0	30	
Chloromethane	ND	0.0324						0	0	30	
Vinyl chloride	ND	0.00108						0	0	30	
Bromomethane	ND	0.0487						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0270						0	0	30	
Chloroethane	ND	0.0324						0	0	30	
1,1-Dichloroethene	ND	0.0270						0	0	30	
Methylene chloride	0.000887	0.0108						0.001213	31.0	30	JR
trans-1,2-Dichloroethene	ND	0.0108						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0270						0	0	30	
1,1-Dichloroethane	ND	0.0108						0	0	30	
2,2-Dichloropropane	ND	0.0270						0	0	30	
cis-1,2-Dichloroethene	ND	0.0108						0	0	30	
Chloroform	ND	0.0108						0	0	30	
Trichloroethane (TCA)	ND	0.0108						0	0	30	
1,1-Dichloropropene	ND	0.0108						0	0	30	
Carbon tetrachloride	ND	0.0108						0	0	30	
1,2-Dichloroethane	ND	0.0162						0	0	30	
Benzene	ND	0.0108						0	0	30	
Trichloroethene (TCE)	ND	0.0162						0	0	30	
1,2-Dichloropropane	ND	0.0108						0	0	30	
Bromodichloromethane	ND	0.0108						0	0	30	
Dibromomethane	ND	0.0216						0	0	30	
cis-1,3-Dichloropropene	ND	0.0108						0	0	30	
Toluene	ND	0.0108						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0162						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Work Order: 1110045
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110042-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2111
Client ID: BATCH	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37430

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0162						0	0	30	
1,3-Dichloropropane	ND	0.0270						0	0	30	
Tetrachloroethene (PCE)	0.0227	0.0108						0.03309	37.3	30	R
Dibromochloromethane	ND	0.0162						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00270						0	0	30	
Chlorobenzene	ND	0.0108						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0162						0	0	30	
Ethylbenzene	ND	0.0162						0	0	30	
m,p-Xylene	ND	0.0108						0	0	30	
o-Xylene	ND	0.0108						0	0	30	
Styrene	ND	0.0108						0	0	30	
Isopropylbenzene	ND	0.0433						0	0	30	
Bromoform	ND	0.0108						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0108						0	0	30	
n-Propylbenzene	ND	0.0108						0	0	30	
Bromobenzene	ND	0.0162						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0108						0	0	30	
2-Chlorotoluene	ND	0.0108						0	0	30	
4-Chlorotoluene	ND	0.0108						0	0	30	
tert-Butylbenzene	ND	0.0108						0	0	30	
1,2,3-Trichloropropane	ND	0.0108						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0270						0	0	30	
sec-Butylbenzene	ND	0.0108						0	0	30	
4-Isopropyltoluene	ND	0.0108						0	0	30	
1,3-Dichlorobenzene	ND	0.0108						0	0	30	
1,4-Dichlorobenzene	ND	0.0108						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110045
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110042-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2111							
Client ID: BATCH	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37430							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0108						0	0	30	
1,2-Dichlorobenzene	ND	0.0108						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0162						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0108						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0541						0	0	30	
Naphthalene	ND	0.0162						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0108						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0110		0.01082		102	72	135		0		
Surr: Dibromofluoromethane	0.0117		0.01082		108	75.1	135		0		
Surr: Toluene-d8	0.0112		0.01082		103	76.5	134		0		

Sample ID: 1110042-002AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 10/11/2011	RunNo: 2111							
Client ID: BATCH	Batch ID: 1263		Analysis Date: 10/12/2011	SeqNo: 37432							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.133	0.0329	0.1315	0	101	65	135				
Benzene	0.135	0.0131	0.1315	0	103	65	135				
Trichloroethene (TCE)	0.125	0.0197	0.1315	0	95.0	65	135				
Toluene	0.139	0.0131	0.1315	0	106	65	135				
Tetrachloroethene (PCE)	0.109	0.0131	0.1052	0.002633	101	65	135				
Chlorobenzene	0.107	0.0131	0.1315	0	81.7	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0132		0.01315		100	72	144				
Surr: Dibromofluoromethane	0.0134		0.01315		102	75.1	137				
Surr: Toluene-d8	0.0133		0.01315		101	76.5	134				

Qualifiers:

D	Dilution was required	E	Value above quantitation range	H	Holding times for preparation or analysis e
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit	R	RPD outside accepted recovery limits
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits		

Work Order: 1110045
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110045-004AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 10/12/2011	RunNo: 2119							
Client ID: SB-11-50	Batch ID: 1266		Analysis Date: 10/14/2011	SeqNo: 37549							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.115	0.0315	0.1261	0	91.4	65	135				
Benzene	0.119	0.0126	0.1261	0	94.1	65	135				
Trichloroethene (TCE)	0.113	0.0189	0.1261	0	89.4	65	135				
Toluene	0.126	0.0126	0.1261	0	99.7	65	135				
Tetrachloroethene (PCE)	0.0799	0.0126	0.1009	0	79.2	65	135				
Chlorobenzene	0.0940	0.0126	0.1261	0	74.5	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0115		0.01261		91.0	72	144				
Surr: Dibromofluoromethane	0.0127		0.01261		101	75.1	137				
Surr: Toluene-d8	0.0133		0.01261		106	76.5	134				

Sample ID: MB-1266	SampType: MBLK	Units: mg/Kg	Prep Date: 10/12/2011	RunNo: 2119							
Client ID: MBLKS	Batch ID: 1266		Analysis Date: 10/14/2011	SeqNo: 37562							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.00294	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110045
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1266	SampType: MBLK	Units: mg/Kg	Prep Date: 10/12/2011	RunNo: 2119
Client ID: MBLKS	Batch ID: 1266		Analysis Date: 10/14/2011	SeqNo: 37562

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110045
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1266	SampType: MBLK	Units: mg/Kg	Prep Date: 10/12/2011	RunNo: 2119
Client ID: MBLKS	Batch ID: 1266		Analysis Date: 10/14/2011	SeqNo: 37562

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0204		0.02000		102	72	135				
Surr: Dibromofluoromethane	0.0196		0.02000		98.2	75.1	135				
Surr: Toluene-d8	0.0213		0.02000		106	76.5	134				

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Work Order: 1110045
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-1266	SampType: LCS	Units: mg/Kg	Prep Date: 10/12/2011	RunNo: 2119							
Client ID: LCSS	Batch ID: 1266		Analysis Date: 10/14/2011	SeqNo: 37563							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.242	0.0500	0.2000	0	121	65	135				
Benzene	0.220	0.0200	0.2000	0	110	65	135				
Trichloroethene (TCE)	0.218	0.0300	0.2000	0	109	65	135				
Toluene	0.220	0.0200	0.2000	0	110	65	135				
Tetrachloroethene (PCE)	0.166	0.0200	0.1600	0	104	65	135				
Chlorobenzene	0.226	0.0200	0.2000	0	113	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0203		0.02000		102	72	144				
Surr: Dibromofluoromethane	0.0194		0.02000		97.1	75.1	137				
Surr: Toluene-d8	0.0201		0.02000		100	76.5	134				

Sample ID: 1110045-016ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/12/2011	RunNo: 2119							
Client ID: SB-12-60	Batch ID: 1266		Analysis Date: 10/14/2011	SeqNo: 37567							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0387						0	0	30	
Chloromethane	ND	0.0387						0	0	30	
Vinyl chloride	ND	0.00129						0	0	30	
Bromomethane	ND	0.0580						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0322						0	0	30	
Chloroethane	ND	0.0387						0	0	30	
1,1-Dichloroethene	ND	0.0322						0	0	30	
Methylene chloride	0.00134	0.0129						0.0007562	55.8	30	JR
trans-1,2-Dichloroethene	ND	0.0129						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0322						0	0	30	
1,1-Dichloroethane	ND	0.0129						0	0	30	
2,2-Dichloropropane	ND	0.0322						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110045
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.000877	0.0129						0.001021	15.2	30	J
Chloroform	ND	0.0129						0	0	30	
Trichloroethane (TCA)	ND	0.0129						0	0	30	
1,1-Dichloropropene	ND	0.0129						0	0	30	
Carbon tetrachloride	ND	0.0129						0	0	30	
1,2-Dichloroethane	ND	0.0193						0	0	30	
Benzene	ND	0.0129						0	0	30	
Trichloroethene (TCE)	0.000774	0.0193						0.001198	43.0	30	JR
1,2-Dichloropropane	ND	0.0129						0	0	30	
Bromodichloromethane	ND	0.0129						0	0	30	
Dibromomethane	ND	0.0258						0	0	30	
cis-1,3-Dichloropropene	ND	0.0129						0	0	30	
Toluene	ND	0.0129						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0193						0	0	30	
1,1,2-Trichloroethane	ND	0.0193						0	0	30	
1,3-Dichloropropane	ND	0.0322						0	0	30	
Tetrachloroethene (PCE)	0.00933	0.0129						0.009006	3.49	30	J
Dibromochloromethane	ND	0.0193						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00322						0	0	30	
Chlorobenzene	ND	0.0129						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0193						0	0	30	
Ethylbenzene	ND	0.0193						0	0	30	
m,p-Xylene	ND	0.0129						0	0	30	
o-Xylene	ND	0.0129						0	0	30	
Styrene	ND	0.0129						0	0	30	
Isopropylbenzene	ND	0.0516						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110045
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110045-016ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/12/2011	RunNo: 2119
Client ID: SB-12-60	Batch ID: 1266		Analysis Date: 10/14/2011	SeqNo: 37567

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	0.0129						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0129						0	0	30	
n-Propylbenzene	ND	0.0129						0	0	30	
Bromobenzene	ND	0.0193						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0129						0	0	30	
2-Chlorotoluene	ND	0.0129						0	0	30	
4-Chlorotoluene	ND	0.0129						0	0	30	
tert-Butylbenzene	ND	0.0129						0	0	30	
1,2,3-Trichloropropane	ND	0.0129						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0322						0	0	30	
sec-Butylbenzene	ND	0.0129						0	0	30	
4-Isopropyltoluene	ND	0.0129						0	0	30	
1,3-Dichlorobenzene	ND	0.0129						0	0	30	
1,4-Dichlorobenzene	ND	0.0129						0	0	30	
n-Butylbenzene	ND	0.0129						0	0	30	
1,2-Dichlorobenzene	ND	0.0129						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0193						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0129						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0645						0	0	30	
Naphthalene	ND	0.0193						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0129						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0125		0.01290		97.3	72	135		0		
Surr: Dibromofluoromethane	0.0137		0.01290		106	75.1	135		0		
Surr: Toluene-d8	0.0144		0.01290		112	76.5	134		0		

NOTES:

R - High RPD due to suspected sample inhomogeneity between VOA vials. The method is in control as indicated by the LCS.

Qualifiers:	D Dilution was required	E Value above quantitation range	H Holding times for preparation or analysis e
	J Analyte detected below quantitation limits	ND Not detected at the Reporting Limit	R RPD outside accepted recovery limits
	RL Reporting Limit	S Spike recovery outside accepted recovery limits	

Client Name: **URS**

 Work Order Number: **1110045**

 Logged by: **Caitlyn Frazier**

 Date Received: **10/12/2011 5:31:00 PM**

Chain of Custody

1. Were custodial seals intact? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Client

Log In

4. Coolers are present? Yes No NA
5. Was an attempt made to cool the samples? Yes No NA
6. Were all coolers received at a temperature of >0° C to 10.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is there headspace present in VOA vials? Yes No No VOA Vials
12. Did all sample containers arrive in good condition?(unbroken) Yes No
13. Does paperwork match bottle labels? Yes No
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks/Discrepancies

Samples 1110045-002 and 1110045-003 are on a Next Day TAT

Item Information

Item #	Temp °C	Condition
Cooler	4.2	Good

Chain of Custody Record



1311 N. 35th Street
Seattle, WA 98103

Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (Internal): 1110045
Page: 1 of: 2

Client: URS
Address: 1501 4th Ave Suite 1400
City, State, Zip: Seattle, WA 98101
Project Name: SRO - Bellevue Carner Property
Location: Bellevue, WA
Collected by: Anthony Palonieri

Project No:

Email:

Fax:

Reports To (PM): Anthony Palonieri

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 800)	BTEX (EPA 800)	Gasoline Range Organics (EPA 8010)	Hydrocarbon Range Organics (EPA 8010)	Dechlorinated Oil Range Organics (EPA 8010)	PAH (EPA 8270)	SEM (EPA 8270)	PCB (EPA 8062)	CI Pesticides (EPA 8081)	CI Herbicides (EPA 8081)	Adams (EPA 8131)	Total (EPA 8010)	Adams (EPA 8010)	Adams (EPA 8010)	Comments/Depth
1 SB-11-35	10/2-11-0815	0815	Soil	X														Additional 4oz
2 SB-11-40		0820		X														Iron collected 24hr
3 SB-11-45		0825		X														24hr TAT!!!
4 SB-11-50		0830		X														
5 SB-11-55		0835		X														
6 SB-11-60		0840		X														
7 SB-11-65		0845		X														
8 SB-11-70		0850		X														
9 SB-11-75		0855		X														
10 SB-11-80		0900		X														

Special Remarks:
24 hr TAT on SB-11-40 & SB-11-45!!!

Requisitioned: 10/12/11 1731
Date/Time

Received: [Signature]
Date/Time: 10/12/11 1731

Returned to Client: Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)
Date/Time: 10-12-11 1731

Chain of Custody Record



1311 N. 35th Street
Seattle, WA 98103

Tel: 206-352-3790
Fax: 206-352-7178

Client: URS
Address: 1501 4th Ave Suite 1400
City, State, Zip: Seattle, WA 98101

Reports To (PM): Ruehbergel

Laboratory Project No (Internal): 1110045
Page: 2 of 2

Project Name: SRO - Bellevue Caravan Property
Location: Bellevue, WA
Collected by: Anthony Polon, Inc.

Date: 10.12.11

Project Name:
Location:
Collected by:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	Fac:	Project No:	Comments/Depth
1. SB-11-C-35-80	10-01-0930		Soil			
2. SB-12-35		1415				
3. SB-12-40		1420				
4. SB-12-45		1425				
5. SB-12-55		1435				
6. SB-12-60		1440				
7. SB-12-65		1445				
8. SB-12-70		1450				
9. SB-12-75		1455				
10. SB-12-C-35-75		1500				

Analysis (Circle)	Nitrate	Nitrite	Chloride	Sulfate	Bromide	Fluoride	Wetrate+Nitrite
*Metals Analysis (Circle):							
**Anions (Circle):							

Special Remarks:
 Return to Client
 Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)
 Received Date/Time: 10/12/11 1731
 Received Date/Time: 10/12/11 1731



1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

URS Corporation
David Raubvogel
1501 4th Ave., Suite 1400
Seattle, Washington 98101

RE: SRO-Bellevue Corner Property
Lab ID: 1110052

October 14, 2011

Attention David Raubvogel:

Fremont Analytical, Inc. received 9 sample(s) on 10/13/2011 for the analyses presented in the following report.

Percent Moisture by ASTM D2216
Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Dee".

Michael Dee
Sr. Chemist / Principal



Date: 10/14/2011

CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property
Lab Order: 1110052

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1110052-001	SB-13-35	10/13/2011 8:15 AM	10/13/2011 4:14 PM
1110052-002	SB-13-40	10/13/2011 8:20 AM	10/13/2011 4:14 PM
1110052-003	SB-13-45	10/13/2011 8:25 AM	10/13/2011 4:14 PM
1110052-004	SB-13-60	10/13/2011 8:40 AM	10/13/2011 4:14 PM
1110052-005	SB-13-65	10/13/2011 8:45 AM	10/13/2011 4:14 PM
1110052-006	SB-13-70	10/13/2011 8:50 AM	10/13/2011 4:14 PM
1110052-007	SB-13-75	10/13/2011 8:55 AM	10/13/2011 4:14 PM
1110052-008	SB-B-C-35-75	10/13/2011 9:00 AM	10/13/2011 4:14 PM
1110052-009	Trip Blank	10/13/2011 4:14 PM	10/13/2011 4:14 PM

CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-001
Client Sample ID: SB-13-35

Collection Date: 10/13/2011 8:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260						
					Batch ID: 1273	Analyst: PH
Dichlorodifluoromethane (CFC-12)	ND	0.0350		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Chloromethane	ND	0.0350		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Vinyl chloride	ND	0.00117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Bromomethane	ND	0.0525		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0292		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Chloroethane	ND	0.0350		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,1-Dichloroethene	ND	0.0292		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Methylene chloride	0.00106	0.0117	J	mg/Kg-dry	1	10/13/2011 9:52:00 PM
trans-1,2-Dichloroethene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0292		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,1-Dichloroethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
2,2-Dichloropropane	ND	0.0292		mg/Kg-dry	1	10/13/2011 9:52:00 PM
cis-1,2-Dichloroethene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Chloroform	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Trichloroethane (TCA)	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,1-Dichloropropene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Carbon tetrachloride	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2-Dichloroethane	0.000548	0.0175	J	mg/Kg-dry	1	10/13/2011 9:52:00 PM
Benzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Trichloroethene (TCE)	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2-Dichloropropane	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Bromodichloromethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Dibromomethane	ND	0.0233		mg/Kg-dry	1	10/13/2011 9:52:00 PM
cis-1,3-Dichloropropene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Toluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
trans-1,3-Dichloropropylene	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,1,2-Trichloroethane	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,3-Dichloropropane	ND	0.0292		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Tetrachloroethene (PCE)	0.0142	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Dibromochloromethane	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2-Dibromoethane (EDB)	ND	0.00292		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Chlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Ethylbenzene	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
m,p-Xylene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit
 D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004333



Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-001
Client Sample ID: SB-13-35

Collection Date: 10/13/2011 8:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Styrene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Isopropylbenzene	ND	0.0467		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Bromoform	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
n-Propylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Bromobenzene	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,3,5-Trimethylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
2-Chlorotoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
4-Chlorotoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
tert-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2,3-Trichloropropane	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2,4-Trichlorobenzene	ND	0.0292		mg/Kg-dry	1	10/13/2011 9:52:00 PM
sec-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
4-Isopropyltoluene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,3-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,4-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
n-Butylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2-Dichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2,4-Trimethylbenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Hexachloro-1,3-butadiene	ND	0.0583		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Naphthalene	ND	0.0175		mg/Kg-dry	1	10/13/2011 9:52:00 PM
1,2,3-Trichlorobenzene	ND	0.0117		mg/Kg-dry	1	10/13/2011 9:52:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.4	72-135		%REC	1	10/13/2011 9:52:00 PM
Surr: Dibromofluoromethane	101	75.1-135		%REC	1	10/13/2011 9:52:00 PM
Surr: Toluene-d8	102	76.5-134		%REC	1	10/13/2011 9:52:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2115

Analyst: PH

Percent Moisture	8.23			wt%	1	10/14/2011 9:12:37 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-002
Client Sample ID: SB-13-40

Collection Date: 10/13/2011 8:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0421		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Chloromethane	ND	0.0421		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Vinyl chloride	ND	0.00140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Bromomethane	ND	0.0631		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0351		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Chloroethane	ND	0.0421		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,1-Dichloroethene	ND	0.0351		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Methylene chloride	0.00132	0.0140	J	mg/Kg-dry	1	10/13/2011 10:46:00 PM
trans-1,2-Dichloroethene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0351		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,1-Dichloroethane	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
2,2-Dichloropropane	ND	0.0351		mg/Kg-dry	1	10/13/2011 10:46:00 PM
cis-1,2-Dichloroethene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Chloroform	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Trichloroethane (TCA)	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,1-Dichloropropene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Carbon tetrachloride	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2-Dichloroethane	0.000842	0.0210	J	mg/Kg-dry	1	10/13/2011 10:46:00 PM
Benzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Trichloroethene (TCE)	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2-Dichloropropane	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Bromodichloromethane	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Dibromomethane	ND	0.0281		mg/Kg-dry	1	10/13/2011 10:46:00 PM
cis-1,3-Dichloropropene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Toluene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
trans-1,3-Dichloropropylene	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,1,2-Trichloroethane	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,3-Dichloropropane	ND	0.0351		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Tetrachloroethene (PCE)	0.0140	0.0140	J	mg/Kg-dry	1	10/13/2011 10:46:00 PM
Dibromochloromethane	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2-Dibromoethane (EDB)	ND	0.00351		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Chlorobenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Ethylbenzene	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
m,p-Xylene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004335



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-002
Client Sample ID: SB-13-40

Collection Date: 10/13/2011 8:20:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Styrene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Isopropylbenzene	ND	0.0561		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Bromoform	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
n-Propylbenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Bromobenzene	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,3,5-Trimethylbenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
2-Chlorotoluene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
4-Chlorotoluene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
tert-Butylbenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2,3-Trichloropropane	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2,4-Trichlorobenzene	ND	0.0351		mg/Kg-dry	1	10/13/2011 10:46:00 PM
sec-Butylbenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
4-Isopropyltoluene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,3-Dichlorobenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,4-Dichlorobenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
n-Butylbenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2-Dichlorobenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2,4-Trimethylbenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Hexachloro-1,3-butadiene	ND	0.0701		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Naphthalene	ND	0.0210		mg/Kg-dry	1	10/13/2011 10:46:00 PM
1,2,3-Trichlorobenzene	ND	0.0140		mg/Kg-dry	1	10/13/2011 10:46:00 PM
Surr: 1-Bromo-4-fluorobenzene	103	72-135		%REC	1	10/13/2011 10:46:00 PM
Surr: Dibromofluoromethane	103	75.1-135		%REC	1	10/13/2011 10:46:00 PM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/13/2011 10:46:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2115

Analyst: PH

Percent Moisture	8.64			wt%	1	10/14/2011 9:12:37 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004336



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-003
Client Sample ID: SB-13-45

Collection Date: 10/13/2011 8:25:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0426		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Chloromethane	ND	0.0426		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Vinyl chloride	ND	0.00142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Bromomethane	ND	0.0640		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0355		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Chloroethane	ND	0.0426		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,1-Dichloroethene	ND	0.0355		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Methylene chloride	0.00108	0.0142	J	mg/Kg-dry	1	10/13/2011 11:40:00 PM
trans-1,2-Dichloroethene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0355		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,1-Dichloroethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
2,2-Dichloropropane	ND	0.0355		mg/Kg-dry	1	10/13/2011 11:40:00 PM
cis-1,2-Dichloroethene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Chloroform	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Trichloroethane (TCA)	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,1-Dichloropropene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Carbon tetrachloride	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2-Dichloroethane	0.00128	0.0213	J	mg/Kg-dry	1	10/13/2011 11:40:00 PM
Benzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2-Dichloropropane	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Bromodichloromethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Dibromomethane	ND	0.0284		mg/Kg-dry	1	10/13/2011 11:40:00 PM
cis-1,3-Dichloropropene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Toluene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
trans-1,3-Dichloropropylene	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,1,2-Trichloroethane	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,3-Dichloropropane	ND	0.0355		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Tetrachloroethene (PCE)	0.00347	0.0142	J	mg/Kg-dry	1	10/13/2011 11:40:00 PM
Dibromochloromethane	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2-Dibromoethane (EDB)	ND	0.00355		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Chlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Ethylbenzene	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
m,p-Xylene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004337



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-003
Client Sample ID: SB-13-45

Collection Date: 10/13/2011 8:25:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Styrene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Isopropylbenzene	ND	0.0569		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Bromoform	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
n-Propylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Bromobenzene	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,3,5-Trimethylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
2-Chlorotoluene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
4-Chlorotoluene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
tert-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2,3-Trichloropropane	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2,4-Trichlorobenzene	ND	0.0355		mg/Kg-dry	1	10/13/2011 11:40:00 PM
sec-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
4-Isopropyltoluene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,3-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,4-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
n-Butylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2-Dichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2,4-Trimethylbenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Hexachloro-1,3-butadiene	ND	0.0711		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Naphthalene	ND	0.0213		mg/Kg-dry	1	10/13/2011 11:40:00 PM
1,2,3-Trichlorobenzene	ND	0.0142		mg/Kg-dry	1	10/13/2011 11:40:00 PM
Surr: 1-Bromo-4-fluorobenzene	102	72-135		%REC	1	10/13/2011 11:40:00 PM
Surr: Dibromofluoromethane	103	75.1-135		%REC	1	10/13/2011 11:40:00 PM
Surr: Toluene-d8	107	76.5-134		%REC	1	10/13/2011 11:40:00 PM

Percent Moisture by ASTM D2216

Batch ID: R2115

Analyst: PH

Percent Moisture	9.13			wt%	1	10/14/2011 9:12:37 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004338



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-004
Client Sample ID: SB-13-60

Collection Date: 10/13/2011 8:40:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0348		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Chloromethane	ND	0.0348		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Vinyl chloride	ND	0.00116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Bromomethane	ND	0.0522		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0290		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Chloroethane	ND	0.0348		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,1-Dichloroethene	ND	0.0290		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Methylene chloride	0.000834	0.0116	J	mg/Kg-dry	1	10/14/2011 12:07:00 AM
trans-1,2-Dichloroethene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0290		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,1-Dichloroethane	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
2,2-Dichloropropane	ND	0.0290		mg/Kg-dry	1	10/14/2011 12:07:00 AM
cis-1,2-Dichloroethene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Chloroform	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Trichloroethane (TCA)	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,1-Dichloropropene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Carbon tetrachloride	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2-Dichloroethane	0.000858	0.0174	J	mg/Kg-dry	1	10/14/2011 12:07:00 AM
Benzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Trichloroethene (TCE)	0.000382	0.0174	J	mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2-Dichloropropane	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Bromodichloromethane	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Dibromomethane	ND	0.0232		mg/Kg-dry	1	10/14/2011 12:07:00 AM
cis-1,3-Dichloropropene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Toluene	0.000394	0.0116	J	mg/Kg-dry	1	10/14/2011 12:07:00 AM
trans-1,3-Dichloropropylene	ND	0.0174		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,1,2-Trichloroethane	ND	0.0174		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,3-Dichloropropane	ND	0.0290		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Tetrachloroethene (PCE)	0.0647	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Dibromochloromethane	ND	0.0174		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2-Dibromoethane (EDB)	ND	0.00290		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Chlorobenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0174		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Ethylbenzene	ND	0.0174		mg/Kg-dry	1	10/14/2011 12:07:00 AM
m,p-Xylene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004339



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-004
Client Sample ID: SB-13-60

Collection Date: 10/13/2011 8:40:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Styrene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Isopropylbenzene	ND	0.0464		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Bromoform	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
n-Propylbenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Bromobenzene	ND	0.0174		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,3,5-Trimethylbenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
2-Chlorotoluene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
4-Chlorotoluene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
tert-Butylbenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2,3-Trichloropropane	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2,4-Trichlorobenzene	ND	0.0290		mg/Kg-dry	1	10/14/2011 12:07:00 AM
sec-Butylbenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
4-Isopropyltoluene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,3-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,4-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
n-Butylbenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0174		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2,4-Trimethylbenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Hexachloro-1,3-butadiene	ND	0.0579		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Naphthalene	ND	0.0174		mg/Kg-dry	1	10/14/2011 12:07:00 AM
1,2,3-Trichlorobenzene	ND	0.0116		mg/Kg-dry	1	10/14/2011 12:07:00 AM
Surr: 1-Bromo-4-fluorobenzene	101	72-135		%REC	1	10/14/2011 12:07:00 AM
Surr: Dibromofluoromethane	102	75.1-135		%REC	1	10/14/2011 12:07:00 AM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/14/2011 12:07:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2115

Analyst: PH

Percent Moisture	17.6			wt%	1	10/14/2011 9:12:37 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004340



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-005
Client Sample ID: SB-13-65

Collection Date: 10/13/2011 8:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0407		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Chloromethane	ND	0.0407		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Vinyl chloride	ND	0.00136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Bromomethane	ND	0.0611		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0339		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Chloroethane	ND	0.0407		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,1-Dichloroethene	ND	0.0339		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Methylene chloride	0.00121	0.0136	J	mg/Kg-dry	1	10/14/2011 12:34:00 AM
trans-1,2-Dichloroethene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0339		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,1-Dichloroethane	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
2,2-Dichloropropane	ND	0.0339		mg/Kg-dry	1	10/14/2011 12:34:00 AM
cis-1,2-Dichloroethene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Chloroform	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Trichloroethane (TCA)	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,1-Dichloropropene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Carbon tetrachloride	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2-Dichloroethane	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Benzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Trichloroethene (TCE)	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2-Dichloropropane	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Bromodichloromethane	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Dibromomethane	ND	0.0271		mg/Kg-dry	1	10/14/2011 12:34:00 AM
cis-1,3-Dichloropropene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Toluene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
trans-1,3-Dichloropropylene	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,1,2-Trichloroethane	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,3-Dichloropropane	ND	0.0339		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Tetrachloroethene (PCE)	0.0861	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Dibromochloromethane	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2-Dibromoethane (EDB)	ND	0.00339		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Chlorobenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Ethylbenzene	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
m,p-Xylene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004341



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-005
Client Sample ID: SB-13-65

Collection Date: 10/13/2011 8:45:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Styrene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Isopropylbenzene	ND	0.0543		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Bromoform	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
n-Propylbenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Bromobenzene	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,3,5-Trimethylbenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
2-Chlorotoluene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
4-Chlorotoluene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
tert-Butylbenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2,3-Trichloropropane	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2,4-Trichlorobenzene	ND	0.0339		mg/Kg-dry	1	10/14/2011 12:34:00 AM
sec-Butylbenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
4-Isopropyltoluene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,3-Dichlorobenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,4-Dichlorobenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
n-Butylbenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2-Dichlorobenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2,4-Trimethylbenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Hexachloro-1,3-butadiene	ND	0.0679		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Naphthalene	ND	0.0204		mg/Kg-dry	1	10/14/2011 12:34:00 AM
1,2,3-Trichlorobenzene	ND	0.0136		mg/Kg-dry	1	10/14/2011 12:34:00 AM
Surr: 1-Bromo-4-fluorobenzene	100	72-135		%REC	1	10/14/2011 12:34:00 AM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/14/2011 12:34:00 AM
Surr: Toluene-d8	104	76.5-134		%REC	1	10/14/2011 12:34:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2115

Analyst: PH

Percent Moisture	20.7			wt%	1	10/14/2011 9:12:37 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004342



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-006
Client Sample ID: SB-13-70

Collection Date: 10/13/2011 8:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0436		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Chloromethane	ND	0.0436		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Vinyl chloride	ND	0.00145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Bromomethane	ND	0.0654		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0364		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Chloroethane	ND	0.0436		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,1-Dichloroethene	ND	0.0364		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Methylene chloride	0.00156	0.0145	J	mg/Kg-dry	1	10/14/2011 1:01:00 AM
trans-1,2-Dichloroethene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0364		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,1-Dichloroethane	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
2,2-Dichloropropane	ND	0.0364		mg/Kg-dry	1	10/14/2011 1:01:00 AM
cis-1,2-Dichloroethene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Chloroform	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Trichloroethane (TCA)	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,1-Dichloropropene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Carbon tetrachloride	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2-Dichloroethane	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Benzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Trichloroethene (TCE)	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2-Dichloropropane	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Bromodichloromethane	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Dibromomethane	ND	0.0291		mg/Kg-dry	1	10/14/2011 1:01:00 AM
cis-1,3-Dichloropropene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Toluene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
trans-1,3-Dichloropropylene	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,1,2-Trichloroethane	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,3-Dichloropropane	ND	0.0364		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Tetrachloroethene (PCE)	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Dibromochloromethane	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2-Dibromoethane (EDB)	ND	0.00364		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Chlorobenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Ethylbenzene	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
m,p-Xylene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004343



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-006
Client Sample ID: SB-13-70

Collection Date: 10/13/2011 8:50:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Styrene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Isopropylbenzene	ND	0.0582		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Bromoform	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
n-Propylbenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Bromobenzene	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,3,5-Trimethylbenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
2-Chlorotoluene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
4-Chlorotoluene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
tert-Butylbenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2,3-Trichloropropane	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2,4-Trichlorobenzene	ND	0.0364		mg/Kg-dry	1	10/14/2011 1:01:00 AM
sec-Butylbenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
4-Isopropyltoluene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,3-Dichlorobenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,4-Dichlorobenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
n-Butylbenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2-Dichlorobenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2,4-Trimethylbenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Hexachloro-1,3-butadiene	ND	0.0727		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Naphthalene	ND	0.0218		mg/Kg-dry	1	10/14/2011 1:01:00 AM
1,2,3-Trichlorobenzene	ND	0.0145		mg/Kg-dry	1	10/14/2011 1:01:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.0	72-135		%REC	1	10/14/2011 1:01:00 AM
Surr: Dibromofluoromethane	104	75.1-135		%REC	1	10/14/2011 1:01:00 AM
Surr: Toluene-d8	102	76.5-134		%REC	1	10/14/2011 1:01:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2115

Analyst: PH

Percent Moisture	19.0			wt%	1	10/14/2011 9:12:37 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004344



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-007
Client Sample ID: SB-13-75

Collection Date: 10/13/2011 8:55:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0447		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Chloromethane	ND	0.0447		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Vinyl chloride	ND	0.00149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Bromomethane	ND	0.0670		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0372		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Chloroethane	ND	0.0447		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,1-Dichloroethene	ND	0.0372		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Methylene chloride	0.00155	0.0149	J	mg/Kg-dry	1	10/14/2011 1:28:00 AM
trans-1,2-Dichloroethene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0372		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,1-Dichloroethane	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
2,2-Dichloropropane	ND	0.0372		mg/Kg-dry	1	10/14/2011 1:28:00 AM
cis-1,2-Dichloroethene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Chloroform	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Trichloroethane (TCA)	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,1-Dichloropropene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Carbon tetrachloride	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2-Dichloroethane	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Benzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Trichloroethene (TCE)	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2-Dichloropropane	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Bromodichloromethane	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Dibromomethane	ND	0.0298		mg/Kg-dry	1	10/14/2011 1:28:00 AM
cis-1,3-Dichloropropene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Toluene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
trans-1,3-Dichloropropylene	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,1,2-Trichloroethane	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,3-Dichloropropane	ND	0.0372		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Tetrachloroethene (PCE)	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Dibromochloromethane	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2-Dibromoethane (EDB)	ND	0.00372		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Chlorobenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Ethylbenzene	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
m,p-Xylene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004345



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-007
Client Sample ID: SB-13-75

Collection Date: 10/13/2011 8:55:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Styrene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Isopropylbenzene	ND	0.0596		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Bromoform	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
n-Propylbenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Bromobenzene	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,3,5-Trimethylbenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
2-Chlorotoluene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
4-Chlorotoluene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
tert-Butylbenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2,3-Trichloropropane	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2,4-Trichlorobenzene	ND	0.0372		mg/Kg-dry	1	10/14/2011 1:28:00 AM
sec-Butylbenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
4-Isopropyltoluene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,3-Dichlorobenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,4-Dichlorobenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
n-Butylbenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2-Dichlorobenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2,4-Trimethylbenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Hexachloro-1,3-butadiene	ND	0.0745		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Naphthalene	ND	0.0223		mg/Kg-dry	1	10/14/2011 1:28:00 AM
1,2,3-Trichlorobenzene	ND	0.0149		mg/Kg-dry	1	10/14/2011 1:28:00 AM
Surr: 1-Bromo-4-fluorobenzene	91.8	72-135		%REC	1	10/14/2011 1:28:00 AM
Surr: Dibromofluoromethane	101	75.1-135		%REC	1	10/14/2011 1:28:00 AM
Surr: Toluene-d8	107	76.5-134		%REC	1	10/14/2011 1:28:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2115

Analyst: PH

Percent Moisture	18.1			wt%	1	10/14/2011 9:12:37 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004346



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-008
Client Sample ID: SB-B-C-35-75

Collection Date: 10/13/2011 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0415		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Chloromethane	ND	0.0415		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Vinyl chloride	ND	0.00138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Bromomethane	ND	0.0623		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0346		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Chloroethane	ND	0.0415		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,1-Dichloroethene	ND	0.0346		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Methylene chloride	0.00113	0.0138	J	mg/Kg-dry	1	10/14/2011 1:55:00 AM
trans-1,2-Dichloroethene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0346		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,1-Dichloroethane	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
2,2-Dichloropropane	ND	0.0346		mg/Kg-dry	1	10/14/2011 1:55:00 AM
cis-1,2-Dichloroethene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Chloroform	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Trichloroethane (TCA)	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,1-Dichloropropene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Carbon tetrachloride	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2-Dichloroethane	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Benzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Trichloroethene (TCE)	0.000844	0.0208	J	mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2-Dichloropropane	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Bromodichloromethane	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Dibromomethane	ND	0.0277		mg/Kg-dry	1	10/14/2011 1:55:00 AM
cis-1,3-Dichloropropene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Toluene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
trans-1,3-Dichloropropylene	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,1,2-Trichloroethane	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,3-Dichloropropane	ND	0.0346		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Tetrachloroethene (PCE)	0.0201	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Dibromochloromethane	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2-Dibromoethane (EDB)	ND	0.00346		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Chlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Ethylbenzene	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
m,p-Xylene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004347



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation
Project: SRO-Bellevue Corner Property
Lab ID: 1110052-008
Client Sample ID: SB-B-C-35-75

Collection Date: 10/13/2011 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Styrene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Isopropylbenzene	ND	0.0553		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Bromoform	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
n-Propylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Bromobenzene	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,3,5-Trimethylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
2-Chlorotoluene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
4-Chlorotoluene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
tert-Butylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2,3-Trichloropropane	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2,4-Trichlorobenzene	ND	0.0346		mg/Kg-dry	1	10/14/2011 1:55:00 AM
sec-Butylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
4-Isopropyltoluene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,3-Dichlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,4-Dichlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
n-Butylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2-Dichlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2,4-Trimethylbenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Hexachloro-1,3-butadiene	ND	0.0692		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Naphthalene	ND	0.0208		mg/Kg-dry	1	10/14/2011 1:55:00 AM
1,2,3-Trichlorobenzene	ND	0.0138		mg/Kg-dry	1	10/14/2011 1:55:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.6	72-135		%REC	1	10/14/2011 1:55:00 AM
Surr: Dibromofluoromethane	103	75.1-135		%REC	1	10/14/2011 1:55:00 AM
Surr: Toluene-d8	105	76.5-134		%REC	1	10/14/2011 1:55:00 AM

Percent Moisture by ASTM D2216

Batch ID: R2115

Analyst: PH

Percent Moisture	7.80			wt%	1	10/14/2011 9:12:37 AM
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Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004348



Analytical Report

WO#: 1110052

Date Reported: 10/14/2011

Client: URS Corporation

Collection Date: 10/13/2011 4:14:00 PM

Project: SRO-Bellevue Corner Property

Lab ID: 1110052-009

Matrix: Liquid

Client Sample ID: Trip Blank

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0600		mg/Kg	1	10/13/2011 9:25:00 PM
Chloromethane	ND	0.0600		mg/Kg	1	10/13/2011 9:25:00 PM
Vinyl chloride	ND	0.00200		mg/Kg	1	10/13/2011 9:25:00 PM
Bromomethane	ND	0.0900		mg/Kg	1	10/13/2011 9:25:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0500		mg/Kg	1	10/13/2011 9:25:00 PM
Chloroethane	ND	0.0600		mg/Kg	1	10/13/2011 9:25:00 PM
1,1-Dichloroethene	ND	0.0500		mg/Kg	1	10/13/2011 9:25:00 PM
Methylene chloride	0.00266	0.0200	J	mg/Kg	1	10/13/2011 9:25:00 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0500		mg/Kg	1	10/13/2011 9:25:00 PM
1,1-Dichloroethane	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
2,2-Dichloropropane	ND	0.0500		mg/Kg	1	10/13/2011 9:25:00 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Chloroform	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Trichloroethane (TCA)	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,1-Dichloropropene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Carbon tetrachloride	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,2-Dichloroethane	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
Benzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Trichloroethene (TCE)	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
1,2-Dichloropropane	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Bromodichloromethane	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Dibromomethane	ND	0.0400		mg/Kg	1	10/13/2011 9:25:00 PM
cis-1,3-Dichloropropene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Toluene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
trans-1,3-Dichloropropylene	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
1,1,2-Trichloroethane	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
1,3-Dichloropropane	ND	0.0500		mg/Kg	1	10/13/2011 9:25:00 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Dibromochloromethane	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
1,2-Dibromoethane (EDB)	ND	0.00500		mg/Kg	1	10/13/2011 9:25:00 PM
Chlorobenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
Ethylbenzene	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
m,p-Xylene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_0004349



Client: URS Corporation

Collection Date: 10/13/2011 4:14:00 PM

Project: SRO-Bellevue Corner Property

Lab ID: 1110052-009

Matrix: Liquid

Client Sample ID: Trip Blank

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1273

Analyst: PH

o-Xylene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Styrene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Isopropylbenzene	ND	0.0800		mg/Kg	1	10/13/2011 9:25:00 PM
Bromoform	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
n-Propylbenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Bromobenzene	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
1,3,5-Trimethylbenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
2-Chlorotoluene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
4-Chlorotoluene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
tert-Butylbenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,2,3-Trichloropropane	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,2,4-Trichlorobenzene	ND	0.0500		mg/Kg	1	10/13/2011 9:25:00 PM
sec-Butylbenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
4-Isopropyltoluene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,3-Dichlorobenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,4-Dichlorobenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
n-Butylbenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,2-Dichlorobenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
1,2,4-Trimethylbenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Hexachloro-1,3-butadiene	ND	0.100		mg/Kg	1	10/13/2011 9:25:00 PM
Naphthalene	ND	0.0300		mg/Kg	1	10/13/2011 9:25:00 PM
1,2,3-Trichlorobenzene	ND	0.0200		mg/Kg	1	10/13/2011 9:25:00 PM
Surr: 1-Bromo-4-fluorobenzene	102	72-135		%REC	1	10/13/2011 9:25:00 PM
Surr: Dibromofluoromethane	102	75.1-135		%REC	1	10/13/2011 9:25:00 PM
Surr: Toluene-d8	103	76.5-134		%REC	1	10/13/2011 9:25:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Work Order: 1110052
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1273	SampType: MBLK	Units: mg/Kg	Prep Date: 10/13/2011	RunNo: 2118
Client ID: MBLKS	Batch ID: 1273		Analysis Date: 10/13/2011	SeqNo: 37531

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.00282	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110052
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1273	SampType: MBLK	Units: mg/Kg	Prep Date: 10/13/2011	RunNo: 2118
Client ID: MBLKS	Batch ID: 1273		Analysis Date: 10/13/2011	SeqNo: 37531

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

SRO_0004352

Work Order: 1110052
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1273	SampType: MBLK	Units: mg/Kg	Prep Date: 10/13/2011	RunNo: 2118							
Client ID: MBLKS	Batch ID: 1273		Analysis Date: 10/13/2011	SeqNo: 37531							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0196		0.02000		97.8	72	135				
Surr: Dibromofluoromethane	0.0207		0.02000		104	75.1	135				
Surr: Toluene-d8	0.0213		0.02000		106	76.5	134				

Sample ID: LCS-1273	SampType: LCS	Units: mg/Kg	Prep Date: 10/13/2011	RunNo: 2118							
Client ID: LCSS	Batch ID: 1273		Analysis Date: 10/13/2011	SeqNo: 37532							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.194	0.0500	0.2000	0	97.0	65	135				
Benzene	0.210	0.0200	0.2000	0	105	65	135				
Trichloroethene (TCE)	0.227	0.0300	0.2000	0	114	65	135				
Toluene	0.243	0.0200	0.2000	0	121	65	135				
Tetrachloroethene (PCE)	0.168	0.0200	0.1600	0	105	65	135				
Chlorobenzene	0.205	0.0200	0.2000	0	103	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0198		0.02000		99.1	72	144				
Surr: Dibromofluoromethane	0.0194		0.02000		96.9	75.1	137				
Surr: Toluene-d8	0.0204		0.02000		102	76.5	134				

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits



Date: 10/14/2011

Work Order: 1110052
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110052-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/13/2011	RunNo: 2118
Client ID: SB-13-35	Batch ID: 1273		Analysis Date: 10/13/2011	SeqNo: 37535

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0300						0	0	30	
Chloromethane	ND	0.0300						0	0	30	
Vinyl chloride	ND	0.00100						0	0	30	
Bromomethane	ND	0.0450						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0250						0	0	30	
Chloroethane	ND	0.0300						0	0	30	
1,1-Dichloroethene	ND	0.0250						0	0	30	
Methylene chloride	0.000890	0.0100						0.001062	17.6	30	J
trans-1,2-Dichloroethene	ND	0.0100						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0250						0	0	30	
1,1-Dichloroethane	ND	0.0100						0	0	30	
2,2-Dichloropropane	ND	0.0250						0	0	30	
cis-1,2-Dichloroethene	ND	0.0100						0	0	30	
Chloroform	ND	0.0100						0	0	30	
Trichloroethane (TCA)	ND	0.0100						0	0	30	
1,1-Dichloropropene	ND	0.0100						0	0	30	
Carbon tetrachloride	ND	0.0100						0	0	30	
1,2-Dichloroethane	0.000520	0.0150						0.0005483	5.32	30	J
Benzene	ND	0.0100						0	0	30	
Trichloroethene (TCE)	ND	0.0150						0	0	30	
1,2-Dichloropropane	ND	0.0100						0	0	30	
Bromodichloromethane	ND	0.0100						0	0	30	
Dibromomethane	ND	0.0200						0	0	30	
cis-1,3-Dichloropropene	ND	0.0100						0	0	30	
Toluene	ND	0.0100						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0150						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

SRO_0004354



Date: 10/14/2011

Work Order: 1110052
 CLIENT: URS Corporation
 Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110052-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 10/13/2011	RunNo: 2118
Client ID: SB-13-35	Batch ID: 1273		Analysis Date: 10/13/2011	SeqNo: 37535

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0150						0	0	30	
1,3-Dichloropropane	ND	0.0250						0	0	30	
Tetrachloroethene (PCE)	0.0143	0.0100						0.01416	0.800	30	
Dibromochloromethane	ND	0.0150						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00250						0	0	30	
Chlorobenzene	ND	0.0100						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0150						0	0	30	
Ethylbenzene	ND	0.0150						0	0	30	
m,p-Xylene	ND	0.0100						0	0	30	
o-Xylene	ND	0.0100						0	0	30	
Styrene	ND	0.0100						0	0	30	
Isopropylbenzene	ND	0.0400						0	0	30	
Bromoform	ND	0.0100						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0100						0	0	30	
n-Propylbenzene	ND	0.0100						0	0	30	
Bromobenzene	ND	0.0150						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0100						0	0	30	
2-Chlorotoluene	ND	0.0100						0	0	30	
4-Chlorotoluene	ND	0.0100						0	0	30	
tert-Butylbenzene	ND	0.0100						0	0	30	
1,2,3-Trichloropropane	ND	0.0100						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0250						0	0	30	
sec-Butylbenzene	ND	0.0100						0	0	30	
4-Isopropyltoluene	ND	0.0100						0	0	30	
1,3-Dichlorobenzene	ND	0.0100						0	0	30	
1,4-Dichlorobenzene	ND	0.0100						0	0	30	

Qualifiers: D Dilution was required E Value above quantitation range H Holding times for preparation or analysis e
 J Analyte detected below quantitation limits ND Not detected at the Reporting Limit R RPD outside accepted recovery limits
 RL Reporting Limit S Spike recovery outside accepted recovery limits

Work Order: 1110052
CLIENT: URS Corporation
Project: SRO-Bellevue Corner Property

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1110052-001ADUP		SampType: DUP		Units: mg/Kg-dry		Prep Date: 10/13/2011		RunNo: 2118			
Client ID: SB-13-35		Batch ID: 1273				Analysis Date: 10/13/2011		SeqNo: 37535			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	0.0100						0	0	30	
1,2-Dichlorobenzene	ND	0.0100						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0150						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0100						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0500						0	0	30	
Naphthalene	ND	0.0150						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0100						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0100		0.009997		100	72	135		0		
Surr: Dibromofluoromethane	0.0103		0.009997		103	75.1	135		0		
Surr: Toluene-d8	0.0107		0.009997		107	76.5	134		0		

Sample ID: 1110052-002AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 10/13/2011		RunNo: 2118			
Client ID: SB-13-40		Batch ID: 1273				Analysis Date: 10/13/2011		SeqNo: 37537			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.123	0.0306	0.1223	0	100	65	135				
Benzene	0.129	0.0122	0.1223	0	105	65	135				
Trichloroethene (TCE)	0.130	0.0183	0.1223	0	106	65	135				
Toluene	0.152	0.0122	0.1223	0	124	65	135				
Tetrachloroethene (PCE)	0.118	0.0122	0.09783	0.01397	106	65	135				
Chlorobenzene	0.122	0.0122	0.1223	0	99.6	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0125		0.01223		102	72	144				
Surr: Dibromofluoromethane	0.0123		0.01223		101	75.1	137				
Surr: Toluene-d8	0.0134		0.01223		110	76.5	134				

Qualifiers: D Dilution was required J Analyte detected below quantitation limits RL Reporting Limit	E Value above quantitation range ND Not detected at the Reporting Limit S Spike recovery outside accepted recovery limits	H Holding times for preparation or analysis e R RPD outside accepted recovery limits
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Client Name: **URS**

 Work Order Number: **1110052**

 Logged by: **Troy Zehr**

 Date Received: **10/13/2011 4:14:00 PM**
Chain of Custody

1. Were custodial seals intact? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Client

Log In

4. Coolers are present? Yes No NA
5. Was an attempt made to cool the samples? Yes No NA
6. Were all coolers received at a temperature of >0° C to 10.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is there headspace present in VOA vials? Yes No No VOA Vials
12. Did all sample containers arrive in good condition?(unbroken) Yes No
13. Does paperwork match bottle labels? Yes No
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks/Discrepancies

Item Information

Item #	Temp °C	Condition
Cooler	1.7	Good



Fremont
Analytical

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Client: URS

Address: 1501 4th Ave Suite 1400
City, State, Zip: Seattle, WA 98101 Tel: 2064382200

Reports To (PM):

Fax:

Email:

Project No:

Chain of Custody Record

Laboratory Project No (Internal):

1110052

Page:

1 of 1

Project Name:

SRO - Bellevue Carner Payson by

Location:

Bellevue, WA

Collected by:

Anthony Colaneri

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	BTX	EPA 8260	Hydrocarbon Identifiers	EPA 8210	PCMI (EPA 8210 - SM)	PCMI (EPA 8210)	SEM VOC (EPA 8210)	Deriv/Heavy Oil Range Organics	Chloride	Fluoride	Nitrate+Nitrite	Special Remarks:
1 SB-13-35	10-13-11	0815	Soil	X												
2 SB-13-40		0820		X												
3 SB-13-45		0825		X												
4 SB-13-60		0840		X												
5 SB-13-65		0845		X												
6 SB-13-70		0850		X												
7 SB-13-75		0855		X												
8 SB-13-C-35-75		0900		X												
9 TRIP BANK				X												
10																

*Metals Analysis (Circle): MTCa-5 MCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide Iodide D-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: Return to Client Disposal by Lab (A fee may be assessed if samples are retained after 30 days)

Redeveloped Date/Time: 10/31/11 16:14
 Received Date/Time: 10/13/11 16:14
 Redeveloped Date/Time: 10/31/11 16:14
 Received Date/Time: 10/13/11 16:14

Received Date/Time: 10/13/11 16:14
 Received Date/Time: 10/13/11 16:14

TAT -> Next Day 2 Day 3 Day STD



1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

URS Corporation
David Raubvogel
1501 4th Ave., Suite 1400
Seattle, Washington 98101

RE: SRO
Lab ID: 1111071

November 15, 2011

Attention David Raubvogel:

Fremont Analytical, Inc. received 5 sample(s) on 11/15/2011 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Dee".

Michael Dee
Sr. Chemist / Principal



Date: 11/15/2011

CLIENT: URS Corporation
Project: SRO
Lab Order: 1111071

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1111071-001	SB-17-40	11/15/2011 8:45 AM	11/15/2011 10:16 AM
1111071-002	SB-17-45	11/15/2011 8:50 AM	11/15/2011 10:16 AM
1111071-003	SB-17-65	11/15/2011 9:10 AM	11/15/2011 10:16 AM
1111071-004	SB-17-70	11/15/2011 9:15 AM	11/15/2011 10:16 AM
1111071-005	SB-17-75	11/15/2011 9:20 AM	11/15/2011 10:16 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

SRO_03920

CLIENT: URS Corporation**Project:** SRO

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



Analytical Report

WO#: 1111071

Date Reported: 11/15/2011

Client: URS Corporation

Collection Date: 11/15/2011 8:45:00 AM

Project: SRO

Lab ID: 1111071-001

Matrix: Soil

Client Sample ID: SB-17-40

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1464

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0281		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Chloromethane	ND	0.0281		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Vinyl chloride	ND	0.000937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Chloroethane	ND	0.0281		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,1-Dichloroethene	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Methylene chloride	0.000328	0.00937	J	mg/Kg-dry	1	11/15/2011 12:39:00 PM
trans-1,2-Dichloroethene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,1-Dichloroethane	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
2,2-Dichloropropane	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Chloroform	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,1-Dichloropropene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Carbon tetrachloride	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,2-Dichloroethane (EDC)	ND	0.0141		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Trichloroethene (TCE)	ND	0.0141		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,2-Dichloropropane	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Bromodichloromethane	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
trans-1,3-Dichloropropylene	ND	0.0141		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,1,2-Trichloroethane	ND	0.0141		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,3-Dichloropropane	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Tetrachloroethene (PCE)	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Dibromochloromethane	ND	0.0141		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Chlorobenzene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0141		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
2-Chlorotoluene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
4-Chlorotoluene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,2,3-Trichloropropane	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,2,4-Trichlorobenzene	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,3-Dichlorobenzene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,4-Dichlorobenzene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,2-Dichlorobenzene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation

Collection Date: 11/15/2011 8:45:00 AM

Project: SRO

Lab ID: 1111071-001

Matrix: Soil

Client Sample ID: SB-17-40

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1464

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0141		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Hexachloro-1,3-butadiene	ND	0.0469		mg/Kg-dry	1	11/15/2011 12:39:00 PM
1,2,3-Trichlorobenzene	ND	0.00937		mg/Kg-dry	1	11/15/2011 12:39:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.3	71.9-127		%REC	1	11/15/2011 12:39:00 PM
Surr: Dibromofluoromethane	102	78.4-132		%REC	1	11/15/2011 12:39:00 PM
Surr: Toluene-d8	98.1	72.4-137		%REC	1	11/15/2011 12:39:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111071

Date Reported: 11/15/2011

Client: URS Corporation

Collection Date: 11/15/2011 8:50:00 AM

Project: SRO

Lab ID: 1111071-002

Matrix: Soil

Client Sample ID: SB-17-45

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1464

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0274		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Chloromethane	ND	0.0274		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Vinyl chloride	ND	0.000915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0229		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Chloroethane	ND	0.0274		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,1-Dichloroethene	ND	0.0229		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Methylene chloride	0.000329	0.00915	J	mg/Kg-dry	1	11/15/2011 1:04:00 PM
trans-1,2-Dichloroethene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,1-Dichloroethane	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
2,2-Dichloropropane	ND	0.0229		mg/Kg-dry	1	11/15/2011 1:04:00 PM
cis-1,2-Dichloroethene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Chloroform	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,1-Dichloropropene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Carbon tetrachloride	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,2-Dichloroethane (EDC)	ND	0.0137		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Trichloroethene (TCE)	ND	0.0137		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,2-Dichloropropane	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Bromodichloromethane	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
cis-1,3-Dichloropropene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
trans-1,3-Dichloropropylene	ND	0.0137		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,1,2-Trichloroethane	ND	0.0137		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,3-Dichloropropane	ND	0.0229		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Tetrachloroethene (PCE)	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Dibromochloromethane	ND	0.0137		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Chlorobenzene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0137		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,1,2,2-Tetrachloroethane	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
2-Chlorotoluene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
4-Chlorotoluene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,2,3-Trichloropropane	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,2,4-Trichlorobenzene	ND	0.0229		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,3-Dichlorobenzene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,4-Dichlorobenzene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,2-Dichlorobenzene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation

Collection Date: 11/15/2011 8:50:00 AM

Project: SRO

Lab ID: 1111071-002

Matrix: Soil

Client Sample ID: SB-17-45

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1464

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0137		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Hexachloro-1,3-butadiene	ND	0.0457		mg/Kg-dry	1	11/15/2011 1:04:00 PM
1,2,3-Trichlorobenzene	ND	0.00915		mg/Kg-dry	1	11/15/2011 1:04:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.6	71.9-127		%REC	1	11/15/2011 1:04:00 PM
Surr: Dibromofluoromethane	101	78.4-132		%REC	1	11/15/2011 1:04:00 PM
Surr: Toluene-d8	97.2	72.4-137		%REC	1	11/15/2011 1:04:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111071

Date Reported: 11/15/2011

Client: URS Corporation

Collection Date: 11/15/2011 9:10:00 AM

Project: SRO

Lab ID: 1111071-003

Matrix: Soil

Client Sample ID: SB-17-65

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1464

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0365		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Chloromethane	ND	0.0365		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Vinyl chloride	ND	0.00122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0304		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Chloroethane	ND	0.0365		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,1-Dichloroethene	ND	0.0304		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Methylene chloride	0.000462	0.0122	J	mg/Kg-dry	1	11/15/2011 1:29:00 PM
trans-1,2-Dichloroethene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,1-Dichloroethane	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
2,2-Dichloropropane	ND	0.0304		mg/Kg-dry	1	11/15/2011 1:29:00 PM
cis-1,2-Dichloroethene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Chloroform	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,1-Dichloropropene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Carbon tetrachloride	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,2-Dichloroethane (EDC)	ND	0.0183		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Trichloroethene (TCE)	ND	0.0183		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,2-Dichloropropane	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Bromodichloromethane	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
cis-1,3-Dichloropropene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
trans-1,3-Dichloropropylene	ND	0.0183		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,1,2-Trichloroethane	ND	0.0183		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,3-Dichloropropane	ND	0.0304		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Tetrachloroethene (PCE)	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Dibromochloromethane	ND	0.0183		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Chlorobenzene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0183		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
2-Chlorotoluene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
4-Chlorotoluene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,2,3-Trichloropropane	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,2,4-Trichlorobenzene	ND	0.0304		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,3-Dichlorobenzene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,4-Dichlorobenzene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,2-Dichlorobenzene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation

Collection Date: 11/15/2011 9:10:00 AM

Project: SRO

Lab ID: 1111071-003

Matrix: Soil

Client Sample ID: SB-17-65

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1464

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0183		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Hexachloro-1,3-butadiene	ND	0.0608		mg/Kg-dry	1	11/15/2011 1:29:00 PM
1,2,3-Trichlorobenzene	ND	0.0122		mg/Kg-dry	1	11/15/2011 1:29:00 PM
Surr: 1-Bromo-4-fluorobenzene	88.9	71.9-127		%REC	1	11/15/2011 1:29:00 PM
Surr: Dibromofluoromethane	103	78.4-132		%REC	1	11/15/2011 1:29:00 PM
Surr: Toluene-d8	97.9	72.4-137		%REC	1	11/15/2011 1:29:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111071

Date Reported: 11/15/2011

Client: URS Corporation

Collection Date: 11/15/2011 9:15:00 AM

Project: SRO

Lab ID: 1111071-004

Matrix: Soil

Client Sample ID: SB-17-70

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1465

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0371		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Chloromethane	ND	0.0371		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Vinyl chloride	ND	0.00124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0309		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Chloroethane	ND	0.0371		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,1-Dichloroethene	ND	0.0309		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Methylene chloride	0.000829	0.0124	J	mg/Kg-dry	1	11/15/2011 11:55:00 AM
trans-1,2-Dichloroethene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,1-Dichloroethane	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
2,2-Dichloropropane	ND	0.0309		mg/Kg-dry	1	11/15/2011 11:55:00 AM
cis-1,2-Dichloroethene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Chloroform	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,1-Dichloropropene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Carbon tetrachloride	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,2-Dichloroethane (EDC)	ND	0.0186		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Trichloroethene (TCE)	ND	0.0186		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,2-Dichloropropane	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Bromodichloromethane	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
cis-1,3-Dichloropropene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
trans-1,3-Dichloropropylene	ND	0.0186		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,1,2-Trichloroethane	ND	0.0186		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,3-Dichloropropane	ND	0.0309		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Tetrachloroethene (PCE)	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Dibromochloromethane	ND	0.0186		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Chlorobenzene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0186		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
2-Chlorotoluene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
4-Chlorotoluene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,2,3-Trichloropropane	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,2,4-Trichlorobenzene	ND	0.0309		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,3-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,4-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,2-Dichlorobenzene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_03928



Client: URS Corporation

Collection Date: 11/15/2011 9:15:00 AM

Project: SRO

Lab ID: 1111071-004

Matrix: Soil

Client Sample ID: SB-17-70

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1465

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0186		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Hexachloro-1,3-butadiene	ND	0.0619		mg/Kg-dry	1	11/15/2011 11:55:00 AM
1,2,3-Trichlorobenzene	ND	0.0124		mg/Kg-dry	1	11/15/2011 11:55:00 AM
Surr: 1-Bromo-4-fluorobenzene	99.2	71.9-127		%REC	1	11/15/2011 11:55:00 AM
Surr: Dibromofluoromethane	102	78.4-132		%REC	1	11/15/2011 11:55:00 AM
Surr: Toluene-d8	99.0	72.4-137		%REC	1	11/15/2011 11:55:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111071

Date Reported: 11/15/2011

Client: URS Corporation

Collection Date: 11/15/2011 9:20:00 AM

Project: SRO

Lab ID: 1111071-005

Matrix: Soil

Client Sample ID: SB-17-75

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1465

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0468		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Chloromethane	ND	0.0468		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Vinyl chloride	ND	0.00156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0390		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Chloroethane	ND	0.0468		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,1-Dichloroethene	ND	0.0390		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Methylene chloride	0.000936	0.0156	J	mg/Kg-dry	1	11/15/2011 12:23:00 PM
trans-1,2-Dichloroethene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,1-Dichloroethane	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
2,2-Dichloropropane	ND	0.0390		mg/Kg-dry	1	11/15/2011 12:23:00 PM
cis-1,2-Dichloroethene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Chloroform	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,1-Dichloropropene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Carbon tetrachloride	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,2-Dichloroethane (EDC)	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Trichloroethene (TCE)	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,2-Dichloropropane	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Bromodichloromethane	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
cis-1,3-Dichloropropene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
trans-1,3-Dichloropropylene	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,1,2-Trichloroethane	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,3-Dichloropropane	ND	0.0390		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Tetrachloroethene (PCE)	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Dibromochloromethane	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Chlorobenzene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
2-Chlorotoluene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
4-Chlorotoluene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,2,3-Trichloropropane	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,2,4-Trichlorobenzene	ND	0.0390		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,3-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,4-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,2-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Client: URS Corporation

Collection Date: 11/15/2011 9:20:00 AM

Project: SRO

Lab ID: 1111071-005

Matrix: Soil

Client Sample ID: SB-17-75

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1465

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0234		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Hexachloro-1,3-butadiene	ND	0.0780		mg/Kg-dry	1	11/15/2011 12:23:00 PM
1,2,3-Trichlorobenzene	ND	0.0156		mg/Kg-dry	1	11/15/2011 12:23:00 PM
Surr: 1-Bromo-4-fluorobenzene	100	71.9-127		%REC	1	11/15/2011 12:23:00 PM
Surr: Dibromofluoromethane	101	78.4-132		%REC	1	11/15/2011 12:23:00 PM
Surr: Toluene-d8	99.5	72.4-137		%REC	1	11/15/2011 12:23:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Date: 11/15/2011

Work Order: 1111071
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1464	SampType: MBLK	Units: mg/Kg	Prep Date: 11/15/2011	RunNo: 2438
Client ID: MBLKS	Batch ID: 1464		Analysis Date: 11/15/2011	SeqNo: 42795

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1111071
CLIENT: URS Corporation
Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1464	SampType: MBLK	Units: mg/Kg	Prep Date: 11/15/2011	RunNo: 2438
Client ID: MBLKS	Batch ID: 1464		Analysis Date: 11/15/2011	SeqNo: 42795

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
Hexachloro-1,3-butadiene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0182		0.02000		91.2	71.9	127				
Surr: Dibromofluoromethane	0.0213		0.02000		106	78.4	132				
Surr: Toluene-d8	0.0209		0.02000		105	72.4	137				

Sample ID: LCS-1464	SampType: LCS	Units: mg/Kg	Prep Date: 11/15/2011	RunNo: 2438
Client ID: LCSS	Batch ID: 1464		Analysis Date: 11/15/2011	SeqNo: 42796

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.200	0.0500	0.2000	0	100	65	135				
Trichloroethene (TCE)	0.146	0.0300	0.2000	0	72.9	65	135				
Tetrachloroethene (PCE)	0.125	0.0200	0.1600	0	78.0	65	135				
Chlorobenzene	0.140	0.0200	0.2000	0	70.1	65	135				

Qualifiers:
B Analyte detected in the associated Method Blank
D Dilution was required
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not detected at the Reporting Limit
R RPD outside accepted recovery limits
RL Reporting Limit
S Spike recovery outside accepted recovery limits

Work Order: 1111071
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-1464	SampType: LCS	Units: mg/Kg	Prep Date: 11/15/2011	RunNo: 2438							
Client ID: LCSS	Batch ID: 1464		Analysis Date: 11/15/2011	SeqNo: 42796							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1-Bromo-4-fluorobenzene	0.0190		0.02000		95.1	71.9	127				
Surr: Dibromofluoromethane	0.0208		0.02000		104	78.4	132				
Surr: Toluene-d8	0.0202		0.02000		101	72.4	137				

Sample ID: MB-1465	SampType: MBLK	Units: mg/Kg	Prep Date: 11/15/2011	RunNo: 2439							
Client ID: MBLKS	Batch ID: 1465		Analysis Date: 11/15/2011	SeqNo: 42799							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.00146	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Trichloroethene (TCE)	ND	0.0300									

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1111071
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1465	SampType: MBLK	Units: mg/Kg	Prep Date: 11/15/2011	RunNo: 2439
Client ID: MBLKS	Batch ID: 1465		Analysis Date: 11/15/2011	SeqNo: 42799

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
Hexachloro-1,3-butadiene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0209		0.02000		104	71.9	127				
Surr: Dibromofluoromethane	0.0199		0.02000		99.3	78.4	132				
Surr: Toluene-d8	0.0203		0.02000		101	72.4	137				

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 11/15/2011

Work Order: 1111071
CLIENT: URS Corporation
Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-1465	SampType: LCS	Units: mg/Kg	Prep Date: 11/15/2011	RunNo: 2439							
Client ID: LCSS	Batch ID: 1465		Analysis Date: 11/15/2011	SeqNo: 42800							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.165	0.0500	0.2000	0	82.7	65	135				
Trichloroethene (TCE)	0.182	0.0300	0.2000	0	91.2	65	135				
Tetrachloroethene (PCE)	0.186	0.0200	0.1600	0	116	65	135				
Chlorobenzene	0.207	0.0200	0.2000	0	103	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0218		0.02000		109	71.9	127				
Surr: Dibromofluoromethane	0.0190		0.02000		95.1	78.4	132				
Surr: Toluene-d8	0.0199		0.02000		99.6	72.4	137				

Sample ID: 1111071-002ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/15/2011	RunNo: 2438							
Client ID: SB-17-45	Batch ID: 1464		Analysis Date: 11/15/2011	SeqNo: 42838							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0234						0	0	30	
Chloromethane	ND	0.0234						0	0	30	
Vinyl chloride	ND	0.000781						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0195						0	0	30	
Chloroethane	ND	0.0234						0	0	30	
1,1-Dichloroethene	ND	0.0195						0	0	30	
Methylene chloride	0.000258	0.00781						0.0003293	24.4	30	J
trans-1,2-Dichloroethene	ND	0.00781						0	0	30	
1,1-Dichloroethane	ND	0.00781						0	0	30	
2,2-Dichloropropane	ND	0.0195						0	0	30	
cis-1,2-Dichloroethene	ND	0.00781						0	0	30	
Chloroform	ND	0.00781						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.00781						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 11/15/2011

Work Order: 1111071
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111071-002ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/15/2011	RunNo: 2438
Client ID: SB-17-45	Batch ID: 1464		Analysis Date: 11/15/2011	SeqNo: 42838

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	0.00781						0	0	30	
Carbon tetrachloride	ND	0.00781						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0117						0	0	30	
Trichloroethene (TCE)	ND	0.0117						0	0	30	
1,2-Dichloropropane	ND	0.00781						0	0	30	
Bromodichloromethane	ND	0.00781						0	0	30	
cis-1,3-Dichloropropene	ND	0.00781						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0117						0	0	30	
1,1,2-Trichloroethane	ND	0.0117						0	0	30	
1,3-Dichloropropane	ND	0.0195						0	0	30	
Tetrachloroethene (PCE)	ND	0.00781						0	0	30	
Dibromochloromethane	ND	0.0117						0	0	30	
Chlorobenzene	ND	0.00781						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0117						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.00781						0	0	30	
2-Chlorotoluene	ND	0.00781						0	0	30	
4-Chlorotoluene	ND	0.00781						0	0	30	
1,2,3-Trichloropropane	ND	0.00781						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0195						0	0	30	
1,3-Dichlorobenzene	ND	0.00781						0	0	30	
1,4-Dichlorobenzene	ND	0.00781						0	0	30	
1,2-Dichlorobenzene	ND	0.00781						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0117						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0390						0	0	30	
1,2,3-Trichlorobenzene	ND	0.00781						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1111071
CLIENT: URS Corporation
Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111071-002ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/15/2011	RunNo: 2438							
Client ID: SB-17-45	Batch ID: 1464		Analysis Date: 11/15/2011	SeqNo: 42838							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	0.00685		0.007805		87.8	71.9	127		0		
Surr: Dibromofluoromethane	0.00821		0.007805		105	78.4	132		0		
Surr: Toluene-d8	0.00806		0.007805		103	72.4	137		0		

Sample ID: 1111071-003AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/15/2011	RunNo: 2438							
Client ID: SB-17-65	Batch ID: 1464		Analysis Date: 11/15/2011	SeqNo: 42839							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.119	0.0279	0.1114	0	107	65	135				
Trichloroethene (TCE)	0.0967	0.0167	0.1114	0	86.8	65	135				
Tetrachloroethene (PCE)	0.0966	0.0111	0.08912	0	108	65	135				
Chlorobenzene	0.106	0.0111	0.1114	0	95.3	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0110		0.01114		98.8	71.9	127				
Surr: Dibromofluoromethane	0.0115		0.01114		103	78.4	132				
Surr: Toluene-d8	0.0115		0.01114		103	72.4	137				

Sample ID: 1111071-004ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/15/2011	RunNo: 2439							
Client ID: SB-17-70	Batch ID: 1465		Analysis Date: 11/15/2011	SeqNo: 42853							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0429						0	0	30	
Chloromethane	ND	0.0429						0	0	30	
Vinyl chloride	ND	0.00143						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0357						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 11/15/2011

Work Order: 1111071
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111071-004ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/15/2011	RunNo: 2439
Client ID: SB-17-70	Batch ID: 1465		Analysis Date: 11/15/2011	SeqNo: 42853

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	0.0429						0	0	30	
1,1-Dichloroethene	ND	0.0357						0	0	30	
Methylene chloride	0.000800	0.0143						0.0008294	3.56	30	J
trans-1,2-Dichloroethene	ND	0.0143						0	0	30	
1,1-Dichloroethane	ND	0.0143						0	0	30	
2,2-Dichloropropane	ND	0.0357						0	0	30	
cis-1,2-Dichloroethene	ND	0.0143						0	0	30	
Chloroform	ND	0.0143						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0143						0	0	30	
1,1-Dichloropropene	ND	0.0143						0	0	30	
Carbon tetrachloride	ND	0.0143						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0214						0	0	30	
Trichloroethene (TCE)	ND	0.0214						0	0	30	
1,2-Dichloropropane	ND	0.0143						0	0	30	
Bromodichloromethane	ND	0.0143						0	0	30	
cis-1,3-Dichloropropene	ND	0.0143						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0214						0	0	30	
1,1,2-Trichloroethane	ND	0.0214						0	0	30	
1,3-Dichloropropane	ND	0.0357						0	0	30	
Tetrachloroethene (PCE)	ND	0.0143						0	0	30	
Dibromochloromethane	ND	0.0214						0	0	30	
Chlorobenzene	ND	0.0143						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0214						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0143						0	0	30	
2-Chlorotoluene	ND	0.0143						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1111071
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	0.0143						0	0	30	
1,2,3-Trichloropropane	ND	0.0143						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0357						0	0	30	
1,3-Dichlorobenzene	ND	0.0143						0	0	30	
1,4-Dichlorobenzene	ND	0.0143						0	0	30	
1,2-Dichlorobenzene	ND	0.0143						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0214						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0715						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0143						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0148		0.01429		104	71.9	127		0		
Surr: Dibromofluoromethane	0.0145		0.01429		102	78.4	132		0		
Surr: Toluene-d8	0.0145		0.01429		101	72.4	137		0		

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.140	0.0404	0.1617	0	86.4	65	135				
Trichloroethene (TCE)	0.147	0.0243	0.1617	0	91.1	65	135				
Tetrachloroethene (PCE)	0.150	0.0162	0.1293	0	116	65	135				
Chlorobenzene	0.163	0.0162	0.1617	0	101	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0161		0.01617		99.4	71.9	127				
Surr: Dibromofluoromethane	0.0159		0.01617		98.3	78.4	132				
Surr: Toluene-d8	0.0156		0.01617		96.5	72.4	137				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client Name: **URS**

 Work Order Number: **1111071**

 Logged by: **Troy Zehr**

 Date Received: **11/15/2011 10:16:00 AM**
Chain of Custody

1. Were custodial seals intact? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Client

Log In

4. Coolers are present? Yes No NA
5. Was an attempt made to cool the samples? Yes No NA
6. Were all coolers received at a temperature of >0° C to 10.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is there headspace present in VOA vials? Yes No No VOA Vials
12. Did all sample containers arrive in good condition?(unbroken) Yes No
13. Does paperwork match bottle labels? Yes No
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks/Discrepancies

Item Information

Item #	Temp °C	Condition
Cooler	5.8	Good

Chain of Custody Record



1311 N. 35th Street
Seattle, WA 98103

Tel: 206-352-3790
Fax: 206-352-7178

Client: URS
Address: _____
City, State, Zip: _____

Laboratory Project No (Interpol): 1111071
Page: 1 of: _____

Project Name: SIRO
Location: Bellevue, WA
Collected by: AP

Date: 11.15.11

Project Name: _____
Location: _____
Collected by: _____

Sample Name	Date	Time	Matrix	Sample	Reports To (PM):	Fax:	Email:	Project No:	Comments/Depth
1 SB-17-40	11-15-11	0845	Soil	X	<u>Rubvogel</u>				
2 SB-17-45		0850		X					No Sample
3 SB-17-50		0855		X					No Sample
4 SB-17-55		0900		X					No Sample
5 SB-17-60		0905		X					No Sample
6 SB-17-65		0910		X					No Sample
7 SB-17-70		0915		X					No Sample
8 SB-17-75		0920		X					No Sample
9 SB-17-80		1005	AG	X					No Sample
10 SB-18-30			Soil	X					No Sample

Special Remarks: < 24 HRS!!!

TAT → Next Day 2 Day 3 Day STD

Sample Disposal: Return to Client Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished: Rubvogel Date/Time: 11-15-11

Received: Sam Ogden Date/Time: 11/15/11 10:16



1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

URS Corporation
David Raubvogel
1501 4th Ave., Suite 1400
Seattle, Washington 98101

RE: SRO
Lab ID: 1111089

November 18, 2011

Attention David Raubvogel:

Fremont Analytical, Inc. received 13 sample(s) on 11/17/2011 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Dee".

Michael Dee
Sr. Chemist / Principal



Date: 11/18/2011

CLIENT: URS Corporation
Project: SRO
Lab Order: 1111089

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1111089-001	SB-21-30	11/17/2011 9:15 AM	11/17/2011 2:11 PM
1111089-002	SB-21-35	11/17/2011 9:20 AM	11/17/2011 2:11 PM
1111089-003	SB-21-40	11/17/2011 9:25 AM	11/17/2011 2:11 PM
1111089-004	SB-21-45	11/17/2011 9:30 AM	11/17/2011 2:11 PM
1111089-005	SB-21-50	11/17/2011 9:35 AM	11/17/2011 2:11 PM
1111089-006	SB-21-60	11/17/2011 10:00 AM	11/17/2011 2:11 PM
1111089-007	SB-21-65	11/17/2011 10:20 AM	11/17/2011 2:11 PM
1111089-008	SB-21-70	11/17/2011 10:25 AM	11/17/2011 2:11 PM
1111089-009	SB-21-71.5	11/17/2011 12:55 PM	11/17/2011 2:11 PM
1111089-010	SB-21-73	11/17/2011 1:05 PM	11/17/2011 2:11 PM
1111089-011	SB-21-74.5	11/17/2011 1:10 PM	11/17/2011 2:11 PM
1111089-012	SB-21-80	11/17/2011 1:20 PM	11/17/2011 2:11 PM
1111089-013	SB-21-GW	11/17/2011 1:30 PM	11/17/2011 2:11 PM

CLIENT: URS Corporation**Project:** SRO

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Comments for METHOD O-VOC-S, SAMPLE 1111089-001ADUP, Batch ID 1480: High RPD due to low analyte concentration. In this range, high RPD's may be expected.

Analytical Comments for METHOD O-VOC-W, SAMPLE 1111089-013ADUP: Three (3) VOA vials had to be consolidated to two (2) VOA vials due to high concentration of sediment in the samples. No Matrix Spike (MS) sample was analyzed. An LCS Duplicate was included.



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 9:15:00 AM

Project: SRO

Lab ID: 1111089-001

Matrix: Soil

Client Sample ID: SB-21-30

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0436		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Chloromethane	ND	0.0436		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Vinyl chloride	ND	0.00145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0364		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Chloroethane	ND	0.0436		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,1-Dichloroethene	ND	0.0364		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Methylene chloride	0.000393	0.0145	J	mg/Kg-dry	1	11/17/2011 4:16:00 PM
trans-1,2-Dichloroethene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,1-Dichloroethane	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
2,2-Dichloropropane	ND	0.0364		mg/Kg-dry	1	11/17/2011 4:16:00 PM
cis-1,2-Dichloroethene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Chloroform	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,1-Dichloropropene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Carbon tetrachloride	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,2-Dichloroethane (EDC)	ND	0.0218		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Trichloroethene (TCE)	ND	0.0218		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,2-Dichloropropane	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Bromodichloromethane	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
cis-1,3-Dichloropropene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
trans-1,3-Dichloropropylene	ND	0.0218		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,1,2-Trichloroethane	ND	0.0218		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,3-Dichloropropane	ND	0.0364		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Tetrachloroethene (PCE)	0.00590	0.0145	J	mg/Kg-dry	1	11/17/2011 4:16:00 PM
Dibromochloromethane	ND	0.0218		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Chlorobenzene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0218		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
2-Chlorotoluene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
4-Chlorotoluene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,2,3-Trichloropropane	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,2,4-Trichlorobenzene	ND	0.0364		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,3-Dichlorobenzene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,4-Dichlorobenzene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,2-Dichlorobenzene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04072



Client: URS Corporation

Collection Date: 11/17/2011 9:15:00 AM

Project: SRO

Lab ID: 1111089-001

Matrix: Soil

Client Sample ID: SB-21-30

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0218		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Hexachloro-1,3-butadiene	ND	0.0727		mg/Kg-dry	1	11/17/2011 4:16:00 PM
1,2,3-Trichlorobenzene	ND	0.0145		mg/Kg-dry	1	11/17/2011 4:16:00 PM
Surr: 1-Bromo-4-fluorobenzene	96.2	71.9-127		%REC	1	11/17/2011 4:16:00 PM
Surr: Dibromofluoromethane	98.6	78.4-132		%REC	1	11/17/2011 4:16:00 PM
Surr: Toluene-d8	95.0	72.4-137		%REC	1	11/17/2011 4:16:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 9:20:00 AM

Project: SRO

Lab ID: 1111089-002

Matrix: Soil

Client Sample ID: SB-21-35

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0348		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Chloromethane	ND	0.0348		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Vinyl chloride	ND	0.00116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0290		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Chloroethane	ND	0.0348		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,1-Dichloroethene	ND	0.0290		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Methylene chloride	0.000290	0.0116	J	mg/Kg-dry	1	11/17/2011 4:44:00 PM
trans-1,2-Dichloroethene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,1-Dichloroethane	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
2,2-Dichloropropane	ND	0.0290		mg/Kg-dry	1	11/17/2011 4:44:00 PM
cis-1,2-Dichloroethene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Chloroform	0.000290	0.0116	J	mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,1-Dichloropropene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Carbon tetrachloride	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,2-Dichloroethane (EDC)	ND	0.0174		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Trichloroethene (TCE)	ND	0.0174		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,2-Dichloropropane	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Bromodichloromethane	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
cis-1,3-Dichloropropene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
trans-1,3-Dichloropropylene	ND	0.0174		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,1,2-Trichloroethane	ND	0.0174		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,3-Dichloropropane	ND	0.0290		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Tetrachloroethene (PCE)	0.00560	0.0116	J	mg/Kg-dry	1	11/17/2011 4:44:00 PM
Dibromochloromethane	ND	0.0174		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Chlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0174		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
2-Chlorotoluene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
4-Chlorotoluene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,2,3-Trichloropropane	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,2,4-Trichlorobenzene	ND	0.0290		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,3-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,4-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,2-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04074



Client: URS Corporation

Collection Date: 11/17/2011 9:20:00 AM

Project: SRO

Lab ID: 1111089-002

Matrix: Soil

Client Sample ID: SB-21-35

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0174		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Hexachloro-1,3-butadiene	ND	0.0581		mg/Kg-dry	1	11/17/2011 4:44:00 PM
1,2,3-Trichlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 4:44:00 PM
Surr: 1-Bromo-4-fluorobenzene	89.4	71.9-127		%REC	1	11/17/2011 4:44:00 PM
Surr: Dibromofluoromethane	96.8	78.4-132		%REC	1	11/17/2011 4:44:00 PM
Surr: Toluene-d8	95.4	72.4-137		%REC	1	11/17/2011 4:44:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 9:25:00 AM

Project: SRO

Lab ID: 1111089-003

Matrix: Soil

Client Sample ID: SB-21-40

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0348		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Chloromethane	ND	0.0348		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Vinyl chloride	ND	0.00116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0290		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Chloroethane	ND	0.0348		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1-Dichloroethene	ND	0.0290		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Methylene chloride	0.000766	0.0116	J	mg/Kg-dry	1	11/17/2011 5:09:00 PM
trans-1,2-Dichloroethene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1-Dichloroethane	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
2,2-Dichloropropane	ND	0.0290		mg/Kg-dry	1	11/17/2011 5:09:00 PM
cis-1,2-Dichloroethene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Chloroform	0.000290	0.0116	J	mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1-Dichloropropene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Carbon tetrachloride	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2-Dichloroethane (EDC)	ND	0.0174		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Trichloroethene (TCE)	ND	0.0174		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2-Dichloropropane	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Bromodichloromethane	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
cis-1,3-Dichloropropene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
trans-1,3-Dichloropropylene	ND	0.0174		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1,2-Trichloroethane	ND	0.0174		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,3-Dichloropropane	ND	0.0290		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Tetrachloroethene (PCE)	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Dibromochloromethane	ND	0.0174		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Chlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0174		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
2-Chlorotoluene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
4-Chlorotoluene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2,3-Trichloropropane	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2,4-Trichlorobenzene	ND	0.0290		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,3-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,4-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2-Dichlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04076



Client: URS Corporation

Collection Date: 11/17/2011 9:25:00 AM

Project: SRO

Lab ID: 1111089-003

Matrix: Soil

Client Sample ID: SB-21-40

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0174		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Hexachloro-1,3-butadiene	ND	0.0581		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2,3-Trichlorobenzene	ND	0.0116		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.9	71.9-127		%REC	1	11/17/2011 5:09:00 PM
Surr: Dibromofluoromethane	97.9	78.4-132		%REC	1	11/17/2011 5:09:00 PM
Surr: Toluene-d8	92.2	72.4-137		%REC	1	11/17/2011 5:09:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 9:30:00 AM

Project: SRO

Lab ID: 1111089-004

Matrix: Soil

Client Sample ID: SB-21-45

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0477		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Chloromethane	ND	0.0477		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Vinyl chloride	ND	0.00159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0397		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Chloroethane	ND	0.0477		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,1-Dichloroethene	ND	0.0397		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Methylene chloride	0.000461	0.0159	J	mg/Kg-dry	1	11/17/2011 5:34:00 PM
trans-1,2-Dichloroethene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,1-Dichloroethane	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
2,2-Dichloropropane	ND	0.0397		mg/Kg-dry	1	11/17/2011 5:34:00 PM
cis-1,2-Dichloroethene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Chloroform	0.000270	0.0159	J	mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,1-Dichloropropene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Carbon tetrachloride	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,2-Dichloroethane (EDC)	ND	0.0238		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Trichloroethene (TCE)	ND	0.0238		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,2-Dichloropropane	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Bromodichloromethane	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
cis-1,3-Dichloropropene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
trans-1,3-Dichloropropylene	ND	0.0238		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,1,2-Trichloroethane	ND	0.0238		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,3-Dichloropropane	ND	0.0397		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Tetrachloroethene (PCE)	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Dibromochloromethane	ND	0.0238		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Chlorobenzene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0238		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
2-Chlorotoluene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
4-Chlorotoluene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,2,3-Trichloropropane	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,2,4-Trichlorobenzene	ND	0.0397		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,3-Dichlorobenzene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,4-Dichlorobenzene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,2-Dichlorobenzene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04078



Client: URS Corporation

Collection Date: 11/17/2011 9:30:00 AM

Project: SRO

Lab ID: 1111089-004

Matrix: Soil

Client Sample ID: SB-21-45

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0238		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Hexachloro-1,3-butadiene	ND	0.0795		mg/Kg-dry	1	11/17/2011 5:34:00 PM
1,2,3-Trichlorobenzene	ND	0.0159		mg/Kg-dry	1	11/17/2011 5:34:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.3	71.9-127		%REC	1	11/17/2011 5:34:00 PM
Surr: Dibromofluoromethane	98.5	78.4-132		%REC	1	11/17/2011 5:34:00 PM
Surr: Toluene-d8	92.6	72.4-137		%REC	1	11/17/2011 5:34:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 9:35:00 AM

Project: SRO

Lab ID: 1111089-005

Matrix: Soil

Client Sample ID: SB-21-50

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0470		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Chloromethane	ND	0.0470		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Vinyl chloride	ND	0.00157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0392		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Chloroethane	ND	0.0470		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,1-Dichloroethene	ND	0.0392		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Methylene chloride	0.00113	0.0157	J	mg/Kg-dry	1	11/17/2011 5:59:00 PM
trans-1,2-Dichloroethene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,1-Dichloroethane	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
2,2-Dichloropropane	ND	0.0392		mg/Kg-dry	1	11/17/2011 5:59:00 PM
cis-1,2-Dichloroethene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Chloroform	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,1-Dichloropropene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Carbon tetrachloride	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,2-Dichloroethane (EDC)	ND	0.0235		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Trichloroethene (TCE)	ND	0.0235		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,2-Dichloropropane	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Bromodichloromethane	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
cis-1,3-Dichloropropene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
trans-1,3-Dichloropropylene	ND	0.0235		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,1,2-Trichloroethane	ND	0.0235		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,3-Dichloropropane	ND	0.0392		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Tetrachloroethene (PCE)	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Dibromochloromethane	ND	0.0235		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Chlorobenzene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0235		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
2-Chlorotoluene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
4-Chlorotoluene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,2,3-Trichloropropane	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,2,4-Trichlorobenzene	ND	0.0392		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,3-Dichlorobenzene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,4-Dichlorobenzene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,2-Dichlorobenzene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04080



Client: URS Corporation

Collection Date: 11/17/2011 9:35:00 AM

Project: SRO

Lab ID: 1111089-005

Matrix: Soil

Client Sample ID: SB-21-50

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0235		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Hexachloro-1,3-butadiene	ND	0.0784		mg/Kg-dry	1	11/17/2011 5:59:00 PM
1,2,3-Trichlorobenzene	ND	0.0157		mg/Kg-dry	1	11/17/2011 5:59:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.8	71.9-127		%REC	1	11/17/2011 5:59:00 PM
Surr: Dibromofluoromethane	98.3	78.4-132		%REC	1	11/17/2011 5:59:00 PM
Surr: Toluene-d8	91.7	72.4-137		%REC	1	11/17/2011 5:59:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 10:00:00 AM

Project: SRO

Lab ID: 1111089-006

Matrix: Soil

Client Sample ID: SB-21-60

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0311		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Chloromethane	ND	0.0311		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Vinyl chloride	ND	0.00104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0259		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Chloroethane	ND	0.0311		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,1-Dichloroethene	ND	0.0259		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Methylene chloride	0.000674	0.0104	J	mg/Kg-dry	1	11/17/2011 6:23:00 PM
trans-1,2-Dichloroethene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,1-Dichloroethane	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
2,2-Dichloropropane	ND	0.0259		mg/Kg-dry	1	11/17/2011 6:23:00 PM
cis-1,2-Dichloroethene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Chloroform	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,1-Dichloropropene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Carbon tetrachloride	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,2-Dichloroethane (EDC)	ND	0.0156		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Trichloroethene (TCE)	ND	0.0156		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,2-Dichloropropane	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Bromodichloromethane	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
cis-1,3-Dichloropropene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
trans-1,3-Dichloropropylene	ND	0.0156		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,1,2-Trichloroethane	ND	0.0156		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,3-Dichloropropane	ND	0.0259		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Tetrachloroethene (PCE)	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Dibromochloromethane	ND	0.0156		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Chlorobenzene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0156		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
2-Chlorotoluene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
4-Chlorotoluene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,2,3-Trichloropropane	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,2,4-Trichlorobenzene	ND	0.0259		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,3-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,4-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,2-Dichlorobenzene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04082



Client: URS Corporation

Collection Date: 11/17/2011 10:00:00 AM

Project: SRO

Lab ID: 1111089-006

Matrix: Soil

Client Sample ID: SB-21-60

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0156		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Hexachloro-1,3-butadiene	ND	0.0518		mg/Kg-dry	1	11/17/2011 6:23:00 PM
1,2,3-Trichlorobenzene	ND	0.0104		mg/Kg-dry	1	11/17/2011 6:23:00 PM
Surr: 1-Bromo-4-fluorobenzene	93.7	71.9-127		%REC	1	11/17/2011 6:23:00 PM
Surr: Dibromofluoromethane	99.1	78.4-132		%REC	1	11/17/2011 6:23:00 PM
Surr: Toluene-d8	94.4	72.4-137		%REC	1	11/17/2011 6:23:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 10:20:00 AM

Project: SRO

Lab ID: 1111089-007

Matrix: Soil

Client Sample ID: SB-21-65

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0576		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Chloromethane	ND	0.0576		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Vinyl chloride	ND	0.00192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0480		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Chloroethane	ND	0.0576		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,1-Dichloroethene	ND	0.0480		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Methylene chloride	0.00127	0.0192	J	mg/Kg-dry	1	11/17/2011 6:48:00 PM
trans-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,1-Dichloroethane	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
2,2-Dichloropropane	ND	0.0480		mg/Kg-dry	1	11/17/2011 6:48:00 PM
cis-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Chloroform	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,1-Dichloropropene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Carbon tetrachloride	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,2-Dichloroethane (EDC)	ND	0.0288		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Trichloroethene (TCE)	ND	0.0288		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,2-Dichloropropane	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Bromodichloromethane	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
cis-1,3-Dichloropropene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
trans-1,3-Dichloropropylene	ND	0.0288		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,1,2-Trichloroethane	ND	0.0288		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,3-Dichloropropane	ND	0.0480		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Tetrachloroethene (PCE)	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Dibromochloromethane	ND	0.0288		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Chlorobenzene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0288		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
2-Chlorotoluene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
4-Chlorotoluene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,2,3-Trichloropropane	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,2,4-Trichlorobenzene	ND	0.0480		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,3-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,4-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,2-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04084



Client: URS Corporation

Collection Date: 11/17/2011 10:20:00 AM

Project: SRO

Lab ID: 1111089-007

Matrix: Soil

Client Sample ID: SB-21-65

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1480

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0288		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Hexachloro-1,3-butadiene	ND	0.0960		mg/Kg-dry	1	11/17/2011 6:48:00 PM
1,2,3-Trichlorobenzene	ND	0.0192		mg/Kg-dry	1	11/17/2011 6:48:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.7	71.9-127		%REC	1	11/17/2011 6:48:00 PM
Surr: Dibromofluoromethane	101	78.4-132		%REC	1	11/17/2011 6:48:00 PM
Surr: Toluene-d8	87.4	72.4-137		%REC	1	11/17/2011 6:48:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 10:25:00 AM

Project: SRO

Lab ID: 1111089-008

Matrix: Soil

Client Sample ID: SB-21-70

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0608		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Chloromethane	ND	0.0608		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Vinyl chloride	ND	0.00203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0507		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Chloroethane	ND	0.0608		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,1-Dichloroethene	ND	0.0507		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Methylene chloride	0.00150	0.0203	J	mg/Kg-dry	1	11/17/2011 3:17:00 PM
trans-1,2-Dichloroethene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,1-Dichloroethane	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
2,2-Dichloropropane	ND	0.0507		mg/Kg-dry	1	11/17/2011 3:17:00 PM
cis-1,2-Dichloroethene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Chloroform	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,1-Dichloropropene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Carbon tetrachloride	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,2-Dichloroethane (EDC)	ND	0.0304		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Trichloroethene (TCE)	ND	0.0304		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,2-Dichloropropane	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Bromodichloromethane	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
cis-1,3-Dichloropropene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
trans-1,3-Dichloropropylene	ND	0.0304		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,1,2-Trichloroethane	ND	0.0304		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,3-Dichloropropane	ND	0.0507		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Tetrachloroethene (PCE)	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Dibromochloromethane	ND	0.0304		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Chlorobenzene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0304		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
2-Chlorotoluene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
4-Chlorotoluene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,2,3-Trichloropropane	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,2,4-Trichlorobenzene	ND	0.0507		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,3-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,4-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,2-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04086



Client: URS Corporation

Collection Date: 11/17/2011 10:25:00 AM

Project: SRO

Lab ID: 1111089-008

Matrix: Soil

Client Sample ID: SB-21-70

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0304		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Hexachloro-1,3-butadiene	ND	0.101		mg/Kg-dry	1	11/17/2011 3:17:00 PM
1,2,3-Trichlorobenzene	ND	0.0203		mg/Kg-dry	1	11/17/2011 3:17:00 PM
Surr: 1-Bromo-4-fluorobenzene	72.8	71.9-127		%REC	1	11/17/2011 3:17:00 PM
Surr: Dibromofluoromethane	100	78.4-132		%REC	1	11/17/2011 3:17:00 PM
Surr: Toluene-d8	88.6	72.4-137		%REC	1	11/17/2011 3:17:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 12:55:00 PM

Project: SRO

Lab ID: 1111089-009

Matrix: Soil

Client Sample ID: SB-21-71.5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0510		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Chloromethane	ND	0.0510		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Vinyl chloride	ND	0.00170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0425		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Chloroethane	ND	0.0510		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,1-Dichloroethene	ND	0.0425		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Methylene chloride	0.00121	0.0170	J	mg/Kg-dry	1	11/17/2011 3:45:00 PM
trans-1,2-Dichloroethene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,1-Dichloroethane	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
2,2-Dichloropropane	ND	0.0425		mg/Kg-dry	1	11/17/2011 3:45:00 PM
cis-1,2-Dichloroethene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Chloroform	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,1-Dichloropropene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Carbon tetrachloride	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,2-Dichloroethane (EDC)	ND	0.0255		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Trichloroethene (TCE)	ND	0.0255		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,2-Dichloropropane	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Bromodichloromethane	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
cis-1,3-Dichloropropene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
trans-1,3-Dichloropropylene	ND	0.0255		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,1,2-Trichloroethane	ND	0.0255		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,3-Dichloropropane	ND	0.0425		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Tetrachloroethene (PCE)	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Dibromochloromethane	ND	0.0255		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Chlorobenzene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0255		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
2-Chlorotoluene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
4-Chlorotoluene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,2,3-Trichloropropane	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,2,4-Trichlorobenzene	ND	0.0425		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,3-Dichlorobenzene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,4-Dichlorobenzene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,2-Dichlorobenzene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04088



Client: URS Corporation

Collection Date: 11/17/2011 12:55:00 PM

Project: SRO

Lab ID: 1111089-009

Matrix: Soil

Client Sample ID: SB-21-71.5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0255		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Hexachloro-1,3-butadiene	ND	0.0849		mg/Kg-dry	1	11/17/2011 3:45:00 PM
1,2,3-Trichlorobenzene	ND	0.0170		mg/Kg-dry	1	11/17/2011 3:45:00 PM
Surr: 1-Bromo-4-fluorobenzene	74.5	71.9-127		%REC	1	11/17/2011 3:45:00 PM
Surr: Dibromofluoromethane	107	78.4-132		%REC	1	11/17/2011 3:45:00 PM
Surr: Toluene-d8	84.1	72.4-137		%REC	1	11/17/2011 3:45:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 1:05:00 PM

Project: SRO

Lab ID: 1111089-010

Matrix: Soil

Client Sample ID: SB-21-73

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0469		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Chloromethane	ND	0.0469		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Vinyl chloride	ND	0.00156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0391		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Chloroethane	ND	0.0469		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,1-Dichloroethene	ND	0.0391		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Methylene chloride	0.00141	0.0156	J	mg/Kg-dry	1	11/17/2011 4:13:00 PM
trans-1,2-Dichloroethene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,1-Dichloroethane	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
2,2-Dichloropropane	ND	0.0391		mg/Kg-dry	1	11/17/2011 4:13:00 PM
cis-1,2-Dichloroethene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Chloroform	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,1-Dichloropropene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Carbon tetrachloride	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,2-Dichloroethane (EDC)	ND	0.0234		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Trichloroethene (TCE)	ND	0.0234		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,2-Dichloropropane	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Bromodichloromethane	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
cis-1,3-Dichloropropene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
trans-1,3-Dichloropropylene	ND	0.0234		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,1,2-Trichloroethane	ND	0.0234		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,3-Dichloropropane	ND	0.0391		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Tetrachloroethene (PCE)	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Dibromochloromethane	ND	0.0234		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Chlorobenzene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0234		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
2-Chlorotoluene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
4-Chlorotoluene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,2,3-Trichloropropane	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,2,4-Trichlorobenzene	ND	0.0391		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,3-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,4-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,2-Dichlorobenzene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04090



Client: URS Corporation

Collection Date: 11/17/2011 1:05:00 PM

Project: SRO

Lab ID: 1111089-010

Matrix: Soil

Client Sample ID: SB-21-73

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0234		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Hexachloro-1,3-butadiene	ND	0.0781		mg/Kg-dry	1	11/17/2011 4:13:00 PM
1,2,3-Trichlorobenzene	ND	0.0156		mg/Kg-dry	1	11/17/2011 4:13:00 PM
Surr: 1-Bromo-4-fluorobenzene	80.0	71.9-127		%REC	1	11/17/2011 4:13:00 PM
Surr: Dibromofluoromethane	101	78.4-132		%REC	1	11/17/2011 4:13:00 PM
Surr: Toluene-d8	87.9	72.4-137		%REC	1	11/17/2011 4:13:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 1:10:00 PM

Project: SRO

Lab ID: 1111089-011

Matrix: Soil

Client Sample ID: SB-21-74.5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0588		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Chloromethane	ND	0.0588		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Vinyl chloride	ND	0.00196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0490		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Chloroethane	ND	0.0588		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,1-Dichloroethene	ND	0.0490		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Methylene chloride	0.00192	0.0196	J	mg/Kg-dry	1	11/17/2011 4:41:00 PM
trans-1,2-Dichloroethene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,1-Dichloroethane	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
2,2-Dichloropropane	ND	0.0490		mg/Kg-dry	1	11/17/2011 4:41:00 PM
cis-1,2-Dichloroethene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Chloroform	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,1-Dichloropropene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Carbon tetrachloride	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,2-Dichloroethane (EDC)	ND	0.0294		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Trichloroethene (TCE)	ND	0.0294		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,2-Dichloropropane	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Bromodichloromethane	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
cis-1,3-Dichloropropene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
trans-1,3-Dichloropropylene	ND	0.0294		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,1,2-Trichloroethane	ND	0.0294		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,3-Dichloropropane	ND	0.0490		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Tetrachloroethene (PCE)	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Dibromochloromethane	ND	0.0294		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Chlorobenzene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0294		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
2-Chlorotoluene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
4-Chlorotoluene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,2,3-Trichloropropane	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,2,4-Trichlorobenzene	ND	0.0490		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,3-Dichlorobenzene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,4-Dichlorobenzene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,2-Dichlorobenzene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04092



Client: URS Corporation

Collection Date: 11/17/2011 1:10:00 PM

Project: SRO

Lab ID: 1111089-011

Matrix: Soil

Client Sample ID: SB-21-74.5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0294		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Hexachloro-1,3-butadiene	ND	0.0980		mg/Kg-dry	1	11/17/2011 4:41:00 PM
1,2,3-Trichlorobenzene	ND	0.0196		mg/Kg-dry	1	11/17/2011 4:41:00 PM
Surr: 1-Bromo-4-fluorobenzene	88.8	71.9-127		%REC	1	11/17/2011 4:41:00 PM
Surr: Dibromofluoromethane	111	78.4-132		%REC	1	11/17/2011 4:41:00 PM
Surr: Toluene-d8	96.1	72.4-137		%REC	1	11/17/2011 4:41:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 1:20:00 PM

Project: SRO

Lab ID: 1111089-012

Matrix: Soil

Client Sample ID: SB-21-80

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

Dichlorodifluoromethane (CFC-12)	ND	0.0428		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Chloromethane	ND	0.0428		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Vinyl chloride	ND	0.00143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0356		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Chloroethane	ND	0.0428		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1-Dichloroethene	ND	0.0356		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Methylene chloride	0.00117	0.0143	J	mg/Kg-dry	1	11/17/2011 5:09:00 PM
trans-1,2-Dichloroethene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1-Dichloroethane	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
2,2-Dichloropropane	ND	0.0356		mg/Kg-dry	1	11/17/2011 5:09:00 PM
cis-1,2-Dichloroethene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Chloroform	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1-Dichloropropene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Carbon tetrachloride	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2-Dichloroethane (EDC)	ND	0.0214		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Trichloroethene (TCE)	ND	0.0214		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2-Dichloropropane	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Bromodichloromethane	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
cis-1,3-Dichloropropene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
trans-1,3-Dichloropropylene	ND	0.0214		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1,2-Trichloroethane	ND	0.0214		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,3-Dichloropropane	ND	0.0356		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Tetrachloroethene (PCE)	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Dibromochloromethane	ND	0.0214		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Chlorobenzene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0214		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
2-Chlorotoluene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
4-Chlorotoluene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2,3-Trichloropropane	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2,4-Trichlorobenzene	ND	0.0356		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,3-Dichlorobenzene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,4-Dichlorobenzene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2-Dichlorobenzene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04094



Client: URS Corporation

Collection Date: 11/17/2011 1:20:00 PM

Project: SRO

Lab ID: 1111089-012

Matrix: Soil

Client Sample ID: SB-21-80

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: 1479

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	0.0214		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Hexachloro-1,3-butadiene	ND	0.0713		mg/Kg-dry	1	11/17/2011 5:09:00 PM
1,2,3-Trichlorobenzene	ND	0.0143		mg/Kg-dry	1	11/17/2011 5:09:00 PM
Surr: 1-Bromo-4-fluorobenzene	99.2	71.9-127		%REC	1	11/17/2011 5:09:00 PM
Surr: Dibromofluoromethane	99.2	78.4-132		%REC	1	11/17/2011 5:09:00 PM
Surr: Toluene-d8	100	72.4-137		%REC	1	11/17/2011 5:09:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1111089

Date Reported: 11/18/2011

Client: URS Corporation

Collection Date: 11/17/2011 1:30:00 PM

Project: SRO

Lab ID: 1111089-013

Matrix: Water

Client Sample ID: SB-21-GW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2483

Analyst: PH

Dichlorodifluoromethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Chloromethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/17/2011 6:59:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Chloroethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/17/2011 6:59:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Chloroform	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Trichloroethene (TCE)	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
trans-1,3-Dichloropropylene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/17/2011 6:59:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

SRO_04096



Client: URS Corporation

Collection Date: 11/17/2011 1:30:00 PM

Project: SRO

Lab ID: 1111089-013

Matrix: Water

Client Sample ID: SB-21-GW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260

Batch ID: R2483

Analyst: PH

1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/17/2011 6:59:00 PM
Hexachlorobutadiene	ND	4.00		µg/L	1	11/17/2011 6:59:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/17/2011 6:59:00 PM
Surr: 1-Bromo-4-fluorobenzene	100	72-135		%REC	1	11/17/2011 6:59:00 PM
Surr: Dibromofluoromethane	102	75.1-135		%REC	1	11/17/2011 6:59:00 PM
Surr: Toluene-d8	101	76.5-134		%REC	1	11/17/2011 6:59:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Date: 11/18/2011

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1480	SampType: MBLK	Units: mg/Kg	Prep Date: 11/17/2011	RunNo: 2472							
Client ID: MBLKS	Batch ID: 1480		Analysis Date: 11/17/2011	SeqNo: 43277							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.000560	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04098



Date: 11/18/2011

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1480	SampType: MBLK	Units: mg/Kg	Prep Date: 11/17/2011	RunNo: 2472
Client ID: MBLKS	Batch ID: 1480		Analysis Date: 11/17/2011	SeqNo: 43277

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
Hexachloro-1,3-butadiene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0202		0.02000		101	71.9	127				
Surr: Dibromofluoromethane	0.0195		0.02000		97.4	78.4	132				
Surr: Toluene-d8	0.0192		0.02000		95.8	72.4	137				

Sample ID: LCS-1480	SampType: LCS	Units: mg/Kg	Prep Date: 11/17/2011	RunNo: 2472
Client ID: LCSS	Batch ID: 1480		Analysis Date: 11/17/2011	SeqNo: 43296

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.190	0.0500	0.2000	0	94.8	65	135				
Trichloroethene (TCE)	0.175	0.0300	0.2000	0	87.3	65	135				
Tetrachloroethene (PCE)	0.148	0.0200	0.1600	0	92.7	65	135				
Chlorobenzene	0.173	0.0200	0.2000	0	86.7	65	135				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04099

Work Order: 1111089
CLIENT: URS Corporation
Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-1480	SampType: LCS	Units: mg/Kg	Prep Date: 11/17/2011	RunNo: 2472							
Client ID: LCSS	Batch ID: 1480		Analysis Date: 11/17/2011	SeqNo: 43296							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1-Bromo-4-fluorobenzene	0.0177	0.02000	88.5	71.9	127
Surr: Dibromofluoromethane	0.0196	0.02000	97.8	78.4	132
Surr: Toluene-d8	0.0186	0.02000	92.9	72.4	137

Sample ID: 1111083-001AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/17/2011	RunNo: 2472							
Client ID: BATCH	Batch ID: 1480		Analysis Date: 11/17/2011	SeqNo: 43297							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	0.0628	0.0190	0.07609	0	82.6	65	135
Trichloroethene (TCE)	0.0599	0.0114	0.07609	0	78.7	65	135
Tetrachloroethene (PCE)	0.0568	0.00761	0.06087	0.002839	88.7	65	135
Chlorobenzene	0.0669	0.00761	0.07609	0	87.9	65	135
Surr: 1-Bromo-4-fluorobenzene	0.00749		0.007609		98.5	71.9	127
Surr: Dibromofluoromethane	0.00736		0.007609		96.7	78.4	132
Surr: Toluene-d8	0.00697		0.007609		91.6	72.4	137

Sample ID: MB-1479	SampType: MBLK	Units: mg/Kg	Prep Date: 11/17/2011	RunNo: 2471							
Client ID: MBLKS	Batch ID: 1479		Analysis Date: 11/17/2011	SeqNo: 43299							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane (CFC-12)	ND	0.0600
Chloromethane	ND	0.0600
Vinyl chloride	ND	0.00200
Trichlorofluoromethane (CFC-11)	ND	0.0500

Qualifiers:	B Analyte detected in the associated Method Blank	D Dilution was required	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits	ND Not detected at the Reporting Limit
	R RPD outside accepted recovery limits	RL Reporting Limit	S Spike recovery outside accepted recovery limits



Date: 11/18/2011

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1479	SampType: MBLK	Units: mg/Kg	Prep Date: 11/17/2011	RunNo: 2471
Client ID: MBLKS	Batch ID: 1479		Analysis Date: 11/17/2011	SeqNo: 43299

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	0.000440	0.0200									J
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
2-Chlorotoluene	ND	0.0200									

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04101

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-1479	SampType: MBLK	Units: mg/Kg	Prep Date: 11/17/2011	RunNo: 2471
Client ID: MBLKS	Batch ID: 1479		Analysis Date: 11/17/2011	SeqNo: 43299

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
Hexachloro-1,3-butadiene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.0187		0.02000		93.7	71.9	127				
Surr: Dibromofluoromethane	0.0188		0.02000		94.0	78.4	132				
Surr: Toluene-d8	0.0193		0.02000		96.5	72.4	137				

Sample ID: LCS-1479	SampType: LCS	Units: mg/Kg	Prep Date: 11/17/2011	RunNo: 2471
Client ID: LCSS	Batch ID: 1479		Analysis Date: 11/17/2011	SeqNo: 43300

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.229	0.0500	0.2000	0	114	65	135				
Trichloroethene (TCE)	0.209	0.0300	0.2000	0	105	65	135				
Tetrachloroethene (PCE)	0.195	0.0200	0.1600	0	122	65	135				
Chlorobenzene	0.199	0.0200	0.2000	0	99.6	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0191		0.02000		95.3	71.9	127				
Surr: Dibromofluoromethane	0.0192		0.02000		95.9	78.4	132				
Surr: Toluene-d8	0.0202		0.02000		101	72.4	137				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1111089
CLIENT: URS Corporation
Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111083-010AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/17/2011	RunNo: 2471							
Client ID: BATCH	Batch ID: 1479		Analysis Date: 11/17/2011	SeqNo: 43391							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.142	0.0321	0.1284	0	111	65	135				
Trichloroethene (TCE)	0.116	0.0193	0.1284	0	90.3	65	135				
Tetrachloroethene (PCE)	0.107	0.0128	0.1027	0	104	65	135				
Chlorobenzene	0.0903	0.0128	0.1284	0	70.4	65	135				
Surr: 1-Bromo-4-fluorobenzene	0.0109		0.01284		85.2	71.9	127				
Surr: Dibromofluoromethane	0.0122		0.01284		94.8	78.4	132				
Surr: Toluene-d8	0.0122		0.01284		95.0	72.4	137				

Sample ID: 1111089-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/17/2011	RunNo: 2472							
Client ID: SB-21-30	Batch ID: 1480		Analysis Date: 11/17/2011	SeqNo: 43624							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0419						0	0	30	
Chloromethane	ND	0.0419						0	0	30	
Vinyl chloride	ND	0.00140						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0349						0	0	30	
Chloroethane	ND	0.0419						0	0	30	
1,1-Dichloroethene	ND	0.0349						0	0	30	
Methylene chloride	0.000782	0.0140						0.0003926	66.4	30	JR
trans-1,2-Dichloroethene	ND	0.0140						0	0	30	
1,1-Dichloroethane	ND	0.0140						0	0	30	
2,2-Dichloropropane	ND	0.0349						0	0	30	
cis-1,2-Dichloroethene	ND	0.0140						0	0	30	
Chloroform	ND	0.0140						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0140						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 11/18/2011

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111089-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/17/2011	RunNo: 2472
Client ID: SB-21-30	Batch ID: 1480		Analysis Date: 11/17/2011	SeqNo: 43624

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	0.0140						0	0	30	
Carbon tetrachloride	ND	0.0140						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0210						0	0	30	
Trichloroethene (TCE)	ND	0.0210						0	0	30	
1,2-Dichloropropane	ND	0.0140						0	0	30	
Bromodichloromethane	ND	0.0140						0	0	30	
cis-1,3-Dichloropropene	ND	0.0140						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0210						0	0	30	
1,1,2-Trichloroethane	ND	0.0210						0	0	30	
1,3-Dichloropropane	ND	0.0349						0	0	30	
Tetrachloroethene (PCE)	0.00826	0.0140						0.005903	33.3	30	JR
Dibromochloromethane	ND	0.0210						0	0	30	
Chlorobenzene	ND	0.0140						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0210						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0140						0	0	30	
2-Chlorotoluene	ND	0.0140						0	0	30	
4-Chlorotoluene	ND	0.0140						0	0	30	
1,2,3-Trichloropropane	ND	0.0140						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0349						0	0	30	
1,3-Dichlorobenzene	ND	0.0140						0	0	30	
1,4-Dichlorobenzene	ND	0.0140						0	0	30	
1,2-Dichlorobenzene	ND	0.0140						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0210						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0699						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0140						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04104

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111089-001ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/17/2011	RunNo: 2472							
Client ID: SB-21-30	Batch ID: 1480		Analysis Date: 11/17/2011	SeqNo: 43624							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1-Bromo-4-fluorobenzene	0.0134		0.01397		96.0	71.9	127		0		
Surr: Dibromofluoromethane	0.0138		0.01397		98.6	78.4	132		0		
Surr: Toluene-d8	0.0132		0.01397		94.3	72.4	137		0		

Sample ID: 1111089-008ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/17/2011	RunNo: 2471							
Client ID: SB-21-70	Batch ID: 1479		Analysis Date: 11/17/2011	SeqNo: 43626							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane (CFC-12)	ND	0.0561						0	0	30	
Chloromethane	ND	0.0561						0	0	30	
Vinyl chloride	ND	0.00187						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0467						0	0	30	
Chloroethane	ND	0.0561						0	0	30	
1,1-Dichloroethene	ND	0.0467						0	0	30	
Methylene chloride	0.00176	0.0187						0.001499	15.8	30	J
trans-1,2-Dichloroethene	ND	0.0187						0	0	30	
1,1-Dichloroethane	ND	0.0187						0	0	30	
2,2-Dichloropropane	ND	0.0467						0	0	30	
cis-1,2-Dichloroethene	ND	0.0187						0	0	30	
Chloroform	ND	0.0187						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0187						0	0	30	
1,1-Dichloropropene	ND	0.0187						0	0	30	
Carbon tetrachloride	ND	0.0187						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0280						0	0	30	
Trichloroethene (TCE)	ND	0.0280						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111089-008ADUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/17/2011	RunNo: 2471
Client ID: SB-21-70	Batch ID: 1479		Analysis Date: 11/17/2011	SeqNo: 43626

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	0.0187						0	0	30	
Bromodichloromethane	ND	0.0187						0	0	30	
cis-1,3-Dichloropropene	ND	0.0187						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0280						0	0	30	
1,1,2-Trichloroethane	ND	0.0280						0	0	30	
1,3-Dichloropropane	ND	0.0467						0	0	30	
Tetrachloroethene (PCE)	ND	0.0187						0	0	30	
Dibromochloromethane	ND	0.0280						0	0	30	
Chlorobenzene	ND	0.0187						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0280						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0187						0	0	30	
2-Chlorotoluene	ND	0.0187						0	0	30	
4-Chlorotoluene	ND	0.0187						0	0	30	
1,2,3-Trichloropropane	ND	0.0187						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0467						0	0	30	
1,3-Dichlorobenzene	ND	0.0187						0	0	30	
1,4-Dichlorobenzene	ND	0.0187						0	0	30	
1,2-Dichlorobenzene	ND	0.0187						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0280						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0934						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0187						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.0149		0.01869		79.7	71.9	127		0		
Surr: Dibromofluoromethane	0.0209		0.01869		112	78.4	132		0		
Surr: Toluene-d8	0.0175		0.01869		93.8	72.4	137		0		

NOTES:

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 11/18/2011

Work Order: 1111089
CLIENT: URS Corporation
Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04107



Date: 11/18/2011

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2483	SampType: MBLK	Units: µg/L	Prep Date: 11/17/2011	RunNo: 2483
Client ID: MBLKW	Batch ID: R2483		Analysis Date: 11/17/2011	SeqNo: 43629

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Chloromethane	ND	1.00									
Vinyl chloride	ND	0.200									
Trichlorofluoromethane (CFC-11)	ND	1.00									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
Methylene chloride	0.570	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Trichloroethene (TCE)	ND	1.00									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
trans-1,3-Dichloropropylene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04108



Date: 11/18/2011

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-R2483	SampType: MBLK	Units: µg/L	Prep Date: 11/17/2011	RunNo: 2483
Client ID: MBLKW	Batch ID: R2483		Analysis Date: 11/17/2011	SeqNo: 43629

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
Hexachlorobutadiene	ND	4.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: 1-Bromo-4-fluorobenzene	9.67		10.00		96.7	72	135				
Surr: Dibromofluoromethane	10.1		10.00		101	75.1	135				
Surr: Toluene-d8	10.2		10.00		102	76.5	134				

Sample ID: LCS-R2483	SampType: LCS	Units: µg/L	Prep Date: 11/17/2011	RunNo: 2483
Client ID: LCSW	Batch ID: R2483		Analysis Date: 11/17/2011	SeqNo: 43630

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	10.5	1.00	10.00	0	105	65	135				
Trichloroethene (TCE)	10.1	1.00	10.00	0	101	65	135				
Tetrachloroethene (PCE)	5.88	1.00	8.000	0	73.5	65	135				
Chlorobenzene	10.2	1.00	10.00	0	102	65	135				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04109



Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-R2483	SampType: LCS	Units: µg/L	Prep Date: 11/17/2011	RunNo: 2483							
Client ID: LCSW	Batch ID: R2483		Analysis Date: 11/17/2011	SeqNo: 43630							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1-Bromo-4-fluorobenzene	9.61		10.00		96.1	72	135				
Surr: Dibromofluoromethane	9.96		10.00		99.6	75.1	135				
Surr: Toluene-d8	10.1		10.00		101	76.5	134				

Sample ID: LCSD-R2483	SampType: LCSD	Units: µg/L	Prep Date: 11/17/2011	RunNo: 2483							
Client ID: LCSW02	Batch ID: R2483		Analysis Date: 11/17/2011	SeqNo: 43631							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	10.4	1.00	10.00	0	104	65	135	10.52	0.668	20	
Trichloroethene (TCE)	9.65	1.00	10.00	0	96.5	65	135	10.13	4.85	20	
Tetrachloroethene (PCE)	5.89	1.00	8.000	0	73.6	65	135	5.880	0.170	20	
Chlorobenzene	10.0	1.00	10.00	0	100	65	135	10.15	1.29	20	
Surr: 1-Bromo-4-fluorobenzene	9.86		10.00		98.6	72	135		0		
Surr: Dibromofluoromethane	9.92		10.00		99.2	75.1	135		0		
Surr: Toluene-d8	10.2		10.00		102	76.5	134		0		

Sample ID: 1111089-013ADUP	SampType: DUP	Units: µg/L	Prep Date: 11/17/2011	RunNo: 2483							
Client ID: SB-21-GW	Batch ID: R2483		Analysis Date: 11/17/2011	SeqNo: 43632							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane	ND	1.00						0	0	30	
Chloromethane	ND	1.00						0	0	30	
Vinyl chloride	ND	0.200						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 11/18/2011

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Sample ID: 1111089-013ADUP	SampType: DUP	Units: µg/L	Prep Date: 11/17/2011	RunNo: 2483
Client ID: SB-21-GW	Batch ID: R2483		Analysis Date: 11/17/2011	SeqNo: 43632

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	1.00						0	0	30	
1,1-Dichloroethene	ND	1.00						0	0	30	
Methylene chloride	ND	1.00						0	0	30	
trans-1,2-Dichloroethene	ND	1.00						0	0	30	
1,1-Dichloroethane	ND	1.00						0	0	30	
2,2-Dichloropropane	ND	2.00						0	0	30	
cis-1,2-Dichloroethene	ND	1.00						0	0	30	
Chloroform	ND	1.00						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	1.00						0	0	30	
1,1-Dichloropropene	ND	1.00						0	0	30	
Carbon tetrachloride	ND	1.00						0	0	30	
1,2-Dichloroethane	ND	1.00						0	0	30	
Trichloroethene (TCE)	ND	1.00						0	0	30	
1,2-Dichloropropane	ND	1.00						0	0	30	
Bromodichloromethane	ND	1.00						0	0	30	
cis-1,3-Dichloropropene	ND	1.00						0	0	30	
trans-1,3-Dichloropropylene	ND	1.00						0	0	30	
1,1,2-Trichloroethane	ND	1.00						0	0	30	
1,3-Dichloropropane	ND	1.00						0	0	30	
Tetrachloroethene (PCE)	ND	1.00						0	0	30	
Dibromochloromethane	ND	1.00						0	0	30	
Chlorobenzene	ND	1.00						0	0	30	
1,1,1,2-Tetrachloroethane	ND	1.00						0	0	30	
1,1,2,2-Tetrachloroethane	ND	1.00						0	0	30	
2-Chlorotoluene	ND	1.00						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04111



Date: 11/18/2011

Work Order: 1111089
 CLIENT: URS Corporation
 Project: SRO

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.00						0	0	30	
1,2,3-Trichloropropane	ND	1.00						0	0	30	
1,2,4-Trichlorobenzene	ND	2.00						0	0	30	
1,3-Dichlorobenzene	ND	1.00						0	0	30	
1,4-Dichlorobenzene	ND	1.00						0	0	30	
1,2-Dichlorobenzene	ND	1.00						0	0	30	
1,2-Dibromo-3-chloropropane	ND	1.00						0	0	30	
Hexachlorobutadiene	ND	4.00						0	0	30	
1,2,3-Trichlorobenzene	ND	4.00						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	9.99		10.00		99.9	72	135		0		
Surr: Dibromofluoromethane	10.2		10.00		102	75.1	135		0		
Surr: Toluene-d8	10.4		10.00		104	76.5	134		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

SRO_04112

Client Name: **URS**

 Work Order Number: **1111089**

 Logged by: **Troy Zehr**

 Date Received: **11/17/2011 2:11:00 PM**
Chain of Custody

1. Were custodial seals intact? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Courier

Log In

4. Coolers are present? Yes No NA
5. Was an attempt made to cool the samples? Yes No NA
6. Were all coolers received at a temperature of >0° C to 10.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is there headspace present in VOA vials? Yes No No VOA Vials
12. Did all sample containers arrive in good condition?(unbroken) Yes No
13. Does paperwork match bottle labels? Yes No
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks/Discrepancies

Item Information

Item #	Temp °C	Condition
Cooler	2.3	Good



2930 Westlake Ave. N. Suite 100
Seattle, WA 98109
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record

1111089

Page: 1 of 2

Date: 11/17/11

MRS

Client: _____
Address: _____
City, State, Zip: _____
Project Name: SRO
Location: _____
Collected by: AP

Reports To (PM): RAUBVOGEL

Sample Name	Time	Sample Type	Container Type	Date of Collection	VOA 8260	VOA 8021B BTEX	NWTPH-GX	NWTPH-HCID	NWTPH-DX Ext.	SEMI VOL 8270	PAH 8270	PCBS 8082	CI PESTICIDES 8081	METALS	Metals: MTCA-5	Metals: RCRA-8	Comments/Depth
SB-21-30	0915	Soil	40ml VOA 4oz job	11-17-11	X												
SB-21-35	0920				X												
SB-21-40	0925				X												
SB-21-45	0930				X												
SB-21-50	0935				X												
SB-21-60	1000				X												
SB-21-65	1020				X												
SB-21-70	1025				X												
SB-21-71.5	1255				X												
SB-21-73	1305				X												

Relinquished: _____ Date/Time: _____
Received: _____ Date/Time: 11/17/11
Relinquished: _____ Date/Time: _____
Received: _____ Date/Time: 11/17/11

Sample Receipt:
Good? _____
Temperature: _____
Seals Intact?: _____
Total Number of Containers: _____

Special Remarks: TAT -> 24HR 48HR Standard



Fremont
Analytical

2930 Westlake Ave. N. Suite 100
Seattle, WA 98109

Tel: 206-352-3750
Fax: 206-352-7178

Chain of Custody Record

Date: 11/17/11 Page: 2 of: 2
Project Name: SRO
Location: AP
Collected by: AP

URS

Client: _____
Address: _____
City, State, Zip _____
Tel: _____

Reports To (PM): RAMBUOGEL Fax: _____
Email: _____

Sample Name	Time	Sample Type	Container Type	Date of Collection	VOA 8260	VOA 8021B BTEX	NWTPH-GX	NWTPH-HCID	NWTPH-DX EXT.	SEMI VOL 8270	PAH 8270	PCBs 8082	CI PESTICIDES 8081	METALS	Metals: MTCAs-5	Metals: RCRA-8	Comments/Depth
1 SB-21-74.5	1310	Soil	40ml van 4oz jar	11/17/11	X												
2 SB-21-80	1320	↓	↓	↓	X												
3 SB-21-GW	1330	AQ	40ml vial	↓	X												
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Special Remarks: LDY HRS.!!
TAT --> 24HR 48HR Standard

Sample Receipt:
Good? _____
Temperature: _____
Seals Intact? _____
Total Number of Containers: _____

Relinquished Date/Time: 11/17/11
Received Date/Time: 11/17/11 14:11
Relinquished Date/Time: _____
Received Date/Time: _____

SRO_04115

APPENDIX C
Terrestrial Ecological Evaluation



Voluntary Cleanup Program

Washington State Department of Ecology Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to www.ecy.wa.gov/programs/tcp/policies/terrestrial/TEEHome.htm.

Step 1: IDENTIFY HAZARDOUS WASTE SITE

Please identify below the hazardous waste site for which you are documenting an evaluation.

Facility/Site Name: SRO Bellevue Corner Property

Facility/Site Address: 10605 and 10619 NE 8th Street, Bellevue, Washington

Facility/Site No: 5569973

VCP Project No.: NW2817

Step 2: IDENTIFY EVALUATOR

Please identify below the person who conducted the evaluation and their contact information.

Name: Geoffrey H. Garrison, PhD

Title: Senior Geochemist

Organization: GeoEngineers, Inc.

Mailing address: 600 Stewart Street, Suite 1700

City: Seattle

State: WA

Zip code: 98101

Phone: 206.728.2674

Fax: 206.728.2732

E-mail: ggarrison@geoengineers.com

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

- Yes *If you answered "YES," then answer **Question 2**.*
- No or Unknown *If you answered "NO" or "UNKNOWN," then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? Check all that apply. Then skip to **Step 4** of this form.

Point of Compliance: WAC 173-340-7491(1)(a)

- All soil contamination is, or will be,* at least 15 feet below the surface.
- All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

- All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

- There is less than 0.25 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.
- For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

- Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

± "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

"Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

- Yes *If you answered "YES," then answer **Question 2** below.*
- No or Unknown *If you answered "NO" or "UNKNOWN," then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

- Yes *If you answered "YES," then answer **Question 3** below.*
- No *If you answered "NO," then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

- Yes *If you answered "YES," then answer **Question 4** below.*
- No *If you answered "NO," then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

- Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*
- Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? Check all that apply. Then skip to **Step 4** of this form.

Exposure Analysis: WAC 173-340-7492(2)(a)

- Area of soil contamination at the Site is not more than 350 square feet.
- Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

- No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

- No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.
- No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.
- No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.
- No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. See WAC 173-340-7493(1)(c).

1. Was there a problem? See WAC 173-340-7493(2).

- Yes *If you answered "YES," then answer **Question 2** below.*
- No *If you answered "NO," then identify the reason here and then skip to **Question 5** below:*
- No issues were identified during the problem formulation step.
 - While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? See WAC 173-340-7493(3).

- Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*
- Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use?

Check all that apply. See WAC 173-340-7493(3).

- Literature surveys.
- Soil bioassays.
- Wildlife exposure model.
- Biomarkers.
- Site-specific field studies.
- Weight of evidence.
- Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

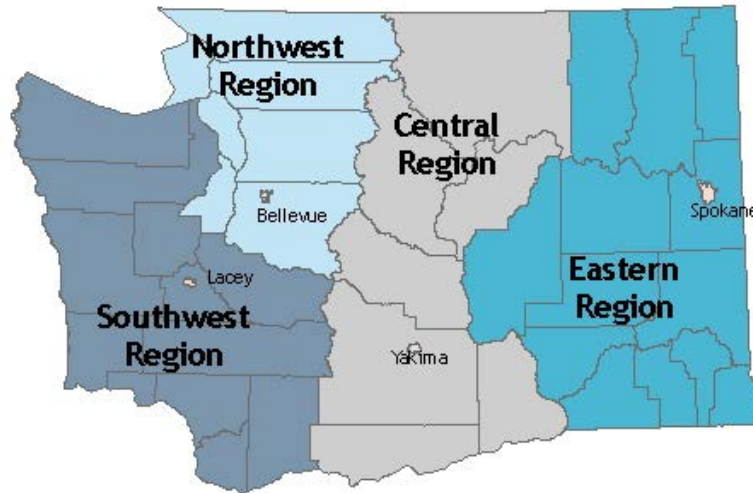
- Confirmed there was no problem.
- Confirmed there was a problem and established site-specific cleanup levels.

5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

- Yes If so, please identify the Ecology staff who approved those steps:
- No

Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.



Northwest Region: Attn: VCP Coordinator 3190 160 th Ave. SE Bellevue, WA 98008-5452	Central Region: Attn: VCP Coordinator 15 W. Yakima Ave., Suite 200 Yakima, WA 98902
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	Eastern Region: Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

APPENDIX D
MTCA Method B Soil Cleanup Levels Worksheet

Appendix D

MTCA Method B Soil Cleanup Level Worksheet

SRO Bellevue Corner Property

Contaminants of Concern	3-Phase Soil ¹ (mg/kg)	Chosen GW Level (mg/L)	Method B GW CUL (µg/L)	Method B GW CUL Basis	Method B GW (mg/L)	MCL (mg/L)	MCL Sufficiently Protective?	DF	Bulk Density (g/cc)	Soil Water (cc/cc)	H' (cc/cc)	Soil Air (cc/cc)	Koc (mL/g)	Kd (cc/g)	foc (%)	Solubility (mg/L)
cis-1,2-DCE	0.076	1.6E-02	1.6E+01	nc	1.6E-02	7.0E-02		20	1.5	0.3	1.7E-01	1.3E-01	3.6E+01	3.6E-02	0.1%	3.5E+03
trans-1,2-DCE	0.48	1.0E-01	1.6E+02	nc	1.6E-01	1.0E-01	*	20	1.5	0.3	3.9E-01	1.3E-01	3.8E+01	3.8E-02	0.1%	6.3E+03
1,1-DCE	0.037	7.0E-03	4.0E+02	nc	4.0E-01	7.0E-03	*	20	1.5	0.3	1.1E+00	1.3E-01	6.5E+01	6.5E-02	0.1%	2.3E+03
1,2-DCA	0.0023	4.8E-04	4.8E-01	c	4.8E-04	5.0E-03		20	1.5	0.3	4.0E-02	1.3E-01	3.8E+01	3.8E-02	0.1%	8.5E+03
Vinyl chloride	0.00013	2.9E-05	2.9E-02	c	2.9E-05	2.0E-03		20	1.5	0.3	1.1E+00	1.3E-01	1.9E+01	1.9E-02	0.1%	2.8E+03
Chloroform	0.0071	1.4E-03	1.4E+00	c	1.4E-03	8.0E-02		20	1.5	0.3	1.5E-01	1.3E-01	5.3E+01	5.3E-02	0.1%	7.9E+03
Chloromethane	No MTCA Method A or B groundwater CULs available															

Notes:

¹ Calculated Method B soil cleanup levels based on protection of groundwater

CLARC Master Spreadsheet.xlsx (May 2014)

APPENDIX E
Report Limitations and Guidelines for Use

APPENDIX E REPORT LIMITATIONS AND GUIDELINES FOR USE¹

This appendix provides information to help you manage your risks with respect to the use of this report.

Read These Provisions Closely

Some clients, design professionals and contractors may not recognize that the geoscience practices (geotechnical engineering, geology and environmental science) are far less exact than other engineering and natural science disciplines. This lack of understanding can create unrealistic expectations that could lead to disappointments, claims and disputes. GeoEngineers includes these explanatory “limitations” provisions in our reports to help reduce such risks. Please confer with GeoEngineers if you are unclear how these “Report Limitations and Guidelines for Use” apply to your project or Site.

Environmental Services Are Performed For Specific Purposes, Persons and Projects

This report has been prepared for use by SRO as part of their evaluation of environmental conditions at the subject Property. This report may be made available to SRO’s authorized agents and regulatory agencies for review. This report is not intended for use by others, and the information contained herein is not applicable to other sites.

GeoEngineers structures our services to meet the specific needs of our clients. For example, an environmental site assessment or remedial action study conducted for a property owner may not fulfill the needs of a prospective purchaser of the same property. Because each environmental study is unique, each environmental report is unique, prepared solely for the specific client and project site. No one except SRO should rely on this environmental report without first conferring with GeoEngineers. This report should not be applied for any purpose or project except the one originally contemplated.

This Environmental Report Is Based on a Unique Set of Project-Specific Factors

This report applies to SRO’s Bellevue Corner Property. GeoEngineers considered a number of unique, project-specific factors when establishing the scope of services for this project and report. Unless GeoEngineers specifically indicates otherwise, do not rely on this report if it was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific Property explored, or
- completed before important project changes were made.

If important changes are made after the date of this report, GeoEngineers should be given the opportunity to review our interpretations and recommendations and provide written modifications or confirmation, as appropriate.

¹ Developed based on material provided by ASFE, Professional Firms Practicing in the Geosciences, www.asfe.org.

Reliance Conditions for Third Parties

We have prepared this RI/FS for the exclusive use of SRO, their authorized agents and regulatory agencies. No other party may rely on the product of our services unless we agree in advance and in writing to such reliance.

This is to provide our firm with reasonable protection against open-ended liability claims by third parties with whom there would otherwise be no contractual limits to their actions.

Environmental Regulations Are Always Evolving

Some substances may be present in the Property vicinity in quantities or under conditions that may have led, or may lead, to contamination of the subject Property, but are not included in current local, state or federal regulatory definitions of hazardous substances or do not otherwise present current potential liability. GeoEngineers cannot be responsible if the standards for appropriate inquiry, or regulatory definitions of hazardous substance, change or if more stringent environmental standards are developed in the future.

Subsurface Conditions Can Change

This environmental report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time, by manmade events such as construction on or adjacent to the Site, by new releases of hazardous substances, or by natural events such as floods, earthquakes, slope instability or groundwater fluctuations. Always contact GeoEngineers before applying this report to determine if it is still applicable.

Most Environmental Findings Are Professional Opinions

Our interpretations of subsurface conditions, remedial alternatives and remedial costs are based on field observations and chemical analytical data from the sampling locations at the Property documented in this report. Property exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. GeoEngineers reviewed field and laboratory data and then applied our professional judgment to render an opinion about subsurface conditions throughout the Property. Actual subsurface conditions may differ – sometimes significantly – from those indicated in this report. There is always a potential that areas of contamination exist in portions of the Property that were not sampled or tested during previous studies. Our report, conclusions and interpretations should not be construed as a warranty of the subsurface conditions or related remedial costs.

Do Not Redraw the Exploration Logs

Environmental scientists prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in an environmental report should never be redrawn for inclusion in other design drawings. Only photographic or electronic reproduction is acceptable, and separating logs from the report can elevate risk.

Have we delivered World Class Client Service?

Please let us know by visiting www.geoengineers.com/feedback.

