ENVISION ENVIRONMENTAL, INC.

INTERIM REMEDIAL INVESTIGATION REPORT

for

REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, KING COUNTY, WA 98032

SITE NUMBER: 35918556
VOLUNTARY CLEANUP PROGRAM NO. NW1105

Prepared For:

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AUGUST 2015

ENVISION Project ID 302.REX

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1.0 INTRODUCTION

ENVISION ENVIRONMENTAL, INC. (ENVISION) has prepared this Interim Remedial Investigation Report (RIR) on behalf of REXAM BEVERAGE CAN COMPANY (REXAM) to address the following facility:

- Site Name: REXAM BEVERAGE CAN COMPANY
- Site Address:
  1220 North 2nd Avenue
  Kent, WA 98032
- Voluntary Cleanup Program (VCP) case number NW1105
- Site number 35918556
- Current Operator: REXAM BEVERAGE CAN COMPANY
- Current Owner: Stevenson/Kent Property, LLC (northern part)
  Lightning Property Company II LLC (southern part)

This report is being submitted to the Washington Department of Ecology (WA DOE) in partial fulfillment of the requirement to conduct a Remedial Investigation of the property. The report contains:

- complete descriptions, data, and supporting documentation for all investigative activities conducted since the submission of the previous Progress Report in August, 2014; and
- complete descriptions of the Site conditions, Site history, previous investigations, interim remedial measures, and the Conceptual Site Model that has been developed.

Cleanup Levels are in the process of being developed for the Site. In order to provide the results of the recent work to the WA DOE, it was decided to submit the report as an Interim Remedial Investigation Report. Cleanup Levels will be submitted in a subsequent report.

The report was prepared in general accordance with the requirements defined in the Model Toxics Control Act (MTCA) Regulation (Washington Administrative Code [WAC] 173-340-350). The purpose of the Remedial Investigation, as defined in WAC 173-340-350, is to characterize the distribution of hazardous substances at the property and the threat to human health and the environment.

The report is organized in general accordance with the WA DOE memorandum entitled Remedial Investigation Outline, dated July 2009.

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2.0 SITE LOCATION AND IDENTIFICATION

The property occupied by REXAM consists of two (2) separate parcels. The northern parcel, Parcel Number 1322049183, contains a Manufacturing Building with an attached office area. The southern parcel, Parcel Number 3830900400, contains a Warehouse Building, which is used solely for storage and shipping of aluminum cans. The parcels are owned by different entities and are leased by REXAM. Parcel 1322049183 is owned by Stevenson/Kent Property, LLC; Parcel 3830900400 is owned by Lightning Property Company II LLC. The legal descriptions are listed in Appendix 1 and a table of past owners/operators is included as Appendix 2.

2.1 Site Discovery and Regulatory Status

Soil and groundwater contamination related to historical beverage can manufacturing operations was discovered during environmental due diligence investigations of these properties conducted by the property owner and by REXAM from 2000 through 2001; the reports were submitted to WA DOE. The Site was enrolled by REXAM in the WA DOE VCP in 2003 at which time a Site Investigation Workplan (SIW) was submitted to the WA DOE. The SIW stated that a Remedial Investigation would be conducted and that a RIR would be prepared.

Many of the investigative activities that were proposed in the SIW were located in active production areas. These activities needed to be conducted during maintenance or other shutdowns. Subsequently production at the facility increased to the point that such shutdowns were infrequent and of very short duration. Work inside the Manufacturing Building, including trench inspections, soil sampling, soil gas sampling, and monitoring well installation, was conducted in stages during these shutdowns.

From approximately 2006 through 2010, an overpass was constructed by the City of Kent at the 228th Street railroad grade crossing. The original design was for an underpass but this was changed to an overpass during the project. The construction resulted in major disruption of the northern part of the property for several years.

2.2 Site and Property Location and Definition

The properties leased by REXAM are situated in an industrial area of Kent, Washington and are located at the southeast corner of the intersection of North 2nd Avenue and South 228th Street. The location is shown in Figure 1, Property Location Map. The Site (as defined in WAC 173-340-200) encompasses both properties. A Site Plan Showing Monitoring Well Locations is included as Figure 2.

The geographic coordinates of the approximate center of the Site are 47.39° North and 122.23° West. The Site is located in the Northwest Quarter of the Northeast Quarter of Section 13, Township 22N, Range 04E.

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2.3 Neighborhood Setting

The properties leased by REXAM encompass approximately 6 acres of land within an industrial park in the south side of the O'Brien section of Kent. The nearby properties are light industrial and commercial (the latter including several construction equipment rental firms). The nearest residences are located approximately 800 feet southeast of the property, beyond State Route 167.

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3.0 PROPERTY DEVELOPMENT AND HISTORY

Two (2) 1-story high-bay buildings are present, which consist of a 130,615 square foot Manufacturing Building and a 100,000 square foot Warehouse Building. An asphalt parking lot and truck access area are located on the west side of the buildings. North 2nd Avenue is located west of the parking area with industrial/commercial facilities beyond it. An out-of-service railroad siding and the BNSF main railroad lines are located on the east side of the Site. A low-lying undeveloped grass-covered area is located between the out-of-service railroad siding and the BNSF main rail lines. This is not occupied by REXAM and is a separate property (zoned Industrial). The northern side of the Site is bordered by South 228th Street, which formerly crossed the railroad tracks at grade. The area north of the Manufacturing Building is paved (prior to construction of the South 228th Street overpass this area contained an access driveway and landscaping) and borders the South 228th Street overpass. The pavement wraps around the northeastern corner of the Manufacturing Building. The southern side of the Warehouse Building is asphalt paved for truck access. Further southeast and south are the railroad siding, State Route 167 (Valley Freeway) and industrial/commercial buildings. Industrial/commercial buildings are located across South 228th Street and beyond the BNSF rail line.

Both buildings are constructed with concrete slab floors, concrete tilt-up walls, and built-up composition roofing. The roof joists and columns are wood. There are no basements.

3.1 Site Uses and History

3.1.1 Past Site Use and Facilities

Historically, the Site was vacant marshland and farmland. A farmhouse (constructed prior to 1956) was present; it was removed before 1965. The Manufacturing Building was constructed in approximately 1971 as an aluminum beverage can manufacturing facility. Long-service facility personnel stated this was one of the first industrial developments in the area. At that time, the northern part of the building contained the warehousing operation, and the central and southern part of the building contained the manufacturing operation. The present Warehouse Building was constructed between approximately 1985 and 1987, and has always been used for warehousing and shipping.

In the late 1980s – early 1990s, production was expanded, and the manufacturing areas were relocated and expanded. The manufacturing activities were all still located in the present Manufacturing Building. The present attached Wastewater Treatment Building was constructed during this period. The present covered drum storage area was constructed between 1990 and 2002.

Historical manufacturing operations were the same as at present, however, aluminum coils were formerly delivered by the rail siding on the east side of the Manufacturing Building, and solvent-based materials were more commonly used. The changeover to water-based materials was conducted over time in the 1980s. The other major difference was that the cuppers, bodymakers, and can washers were formerly located in the central

part of the Manufacturing Building, east of the present Wastewater Treatment Building, prior to expansion of production capabilities. The figure included as Appendix 3 shows the former locations of the manufacturing and support areas.

A 12,000-gallon underground storage tank (UST) containing used lubrication oil was formerly located outside the north side of the Manufacturing Building. This was removed in October/November 1998 (see Section 5.7.1).

3.1.2 Current Site Use and Facilities

The Site is currently used for the manufacture, warehousing, and shipping of two-piece aluminum beverage cans. Coils of sheet aluminum are delivered by truck. The coils are unrolled and fed into hydraulic punch presses (Cuppers). The Cuppers stamp shallow cups from the sheet. These are conveyed to Bodymaker/Trimmer units. The Bodymakers draw and iron the cups into the basic shape of the can body by pressing the cups through a series of dies using hydraulic pressure. Water-soluble oil is used to lubricate the aluminum during the processes. The ends are cut to length by the Trimmer. The Cuppers and Bodymaker/Trimmer units are often referred to as the Front End. The cans are moved by vacuum conveyor to the Can Washer/Drier, washed using acid/caustic solutions and dried in natural gas-fired ovens. The can bodies are then conveyed to the Decorator/Printer units or to the Palletizer/Depalletizer (Pal/Depal) unit for storage until future processing. At the Decorator/Printer, the exteriors are coated and printed using water-based coatings and inks, then dried in natural gas-fired ovens. The interiors are coated and dried in natural gas-fired ovens. The cans are then formed to accept a lid, inspected and tested, then palletized and warehoused for shipment.

Support services include: shipping and receiving; a small machine shop in the northwestern corner of the Manufacturing Building; welding; grinding of dies; air compressors and vacuum pumps; a cooling tower; a coolant/lubricant filtration system for recycling the water-soluble oil; wash water pretreatment; an ink storage area; and a scrap aluminum baler with a cyclonic scrap conveyance system. Electrical transformers and a wastewater treatment system are located on the west side of the Manufacturing Building. A covered drum storage area is located in an asphalt paved area outside the southeastern corner of the Manufacturing Building. The warehouse is a separate building located south of the Manufacturing Building and joined to it by a covered passage; the only activities conducted in the Warehouse Building are the storage of unfinished and finished cans and shipping of finished cans by truck. There are two (2) aboveground storage tanks (ASTs) in a concrete-bermed area south of the transformers of approximately 6,000-gallon capacity, one (1) containing inside spray and the other overvarnish. There are also smaller ASTs inside the northern end of the Manufacturing Building for storage of virgin and waste hydraulic oil and water-soluble oil. Offices, locker rooms, and a cafeteria are located along the northwestern side of the building.

Subsurface structures include trenches, sumps and pits located in several areas of the northern end of the Manufacturing Building. These include the Baler area, the two (2)

Cupper units, the two (2) Bodymaker lines, the Can Washer area, the Filter Sump Tank, the Schneider Filter pit, the Can Washer Chemical Storage area, and the Wastewater Treatment System. The purpose of the trenches around the cuppers, bodymakers, and baler is to collect oil and direct it to the Filter Sump Tank, where tramp hydraulic oil is separated for offsite disposal, and water-soluble oil is treated and recycled through the bodymakers and cuppers. The oil is pumped via overhead piping. The systems around the Can Washer and Wastewater Treatment System collect wastewater and the trench around the Can Washer Chemical Storage area is for containing spills of water treatment chemicals and acids. The trenches are shallow, typically less than 1 foot in depth. The Filter Sump Tank and Schneider Filter Pit are between approximately 8 feet to 10 feet in depth. Figure 3, Manufacturing Building, Interior Equipment Layout, shows the locations of these features.

3.1.3 Potential Future Site Uses

The property is located within a large area with General Industrial (M-3) zoning. The potential future use of the property is industrial or commercial uses such as a warehouse/distribution center. Uses by potentially sensitive populations are unlikely, as is redevelopment that would reduce the amount of impervious cover.

3.2 Transportation and Roads

The entrance to the facility is on the west side of the property from North 2nd Avenue. South 228th Street is located north of the Site. Before the grade crossing on South 228th Street over the railroad was modified to an overpass, there was an entrance to the facility from this street. Washington State Route 167 (Valley Freeway), a limited-access highway located on a high embankment, is located southeast of the facility.

The main BNSF railroad line is located east of the facility. An out-of-service railroad siding is located on the east and southeast sides of the facility.

3.3 Utilities and Water Supply

The facility is serviced by public utilities which enter the property underground from the west. Water is supplied by the City of Kent. There are no water supply wells on the property. Stormwater and sanitary sewer service is also supplied by the City of Kent. There is no septic system, nor has there ever been one after industrial development of the property. Natural gas and electric power are supplied by Puget Sound Energy.

3.4 Potential Sources of Site Contamination

Potential sources of contamination were identified and investigated during previous Site investigations. These are listed and their status is outlined below. Figure 4 depicts the locations of these areas and Table 1 lists the potential contaminants in these areas.

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- Current Front End – This area comprises the Cuppers, Bodymakers, and the associated shallow trench systems and the Filter Sump Tank. It is located in the north end of the Manufacturing Building. Expansion joints are present between concrete floor slabs. There are several minor cracks in the concrete. During facility operation, the floors and trenches can get oily. Inspection of trench systems (the Filter Sump Tank could not be inspected) was conducted by ENVISION, and significant breaches of integrity were not observed. Sampling has determined impact to soil, groundwater, and soil gas in this area, apparently due to surface releases penetrating floor joints and cracks.
- Schneider Filter Pit – This concrete-lined pit is approximately 10 feet deep and is used for collecting and filtering used oil from the bodymaking process. It is located in the north end of the building, in the front end. This system could not be inspected by ENVISION. Based on sampling results, releases from the base of the pit have not occurred; shallow soil impact is commingled with impact from the front end.
- Baler – This is used to compress scrap aluminum into bales. Oily scrap is delivered by an overhead vacuum conveyor system. The unit is surrounded by a shallow trench system and shallow sump to collect oil. Deteriorated expansion joints and cracks in the concrete floor were present. Sampling has determined impact to soil, groundwater, and soil gas in this area, apparently due to surface releases penetrating floor joints and cracks.
- Hydraulic Oil Release from Baler, 2011 – In December 2011, approximately 10 to 15 gallons of hydraulic oil were released from a pressure fitting on the baler through the overhead door at the northeast corner of the Manufacturing Building. The hydraulic oil flowed onto the adjacent asphalt pavement and a portion of the oil flowed to the east edge of the pavement, slightly impacting the adjacent soil and gravel area. The oil was cleaned from the pavement and impacted shallow soil and gravel excavated. See Section 5.7.3 for further information.
- Former Front End – As noted in Section 3.1.1, the front end was located in the central part of the Manufacturing Building until the late 1980s - early 1990s. This was similar to the current front end, although smaller. The area is currently used for storage of aluminum coils and cans, and chemical storage for the can washer (primarily acids and bases). Sampling has determined impact to soil, groundwater, and soil gas in this area, apparently due to releases penetrating former joints and cracks in floors and the associated shallow trench system (now filled).
- ASTs are present on the west side of the Manufacturing building. Soil sampling by others did not indicate any impact in this area.
- Former UST - A 12,000-gallon UST containing used lubrication oil was formerly located outside the north end of the Manufacturing Building. This was removed in October/November 1998. Although minor spills and overfills had apparently occurred, no impact was evident based on soil sampling. See Section 5.7.1.
- Exterior Drum/Chemical Storage Area – The covered drum/chemical storage area is located in a paved area south of the Manufacturing Building. Soil sampling by others and groundwater monitoring have shown no impact in this area.
- Former Air Compressor Blowdown, Rail Siding – Two (2) blowdown lines formerly discharged in this area. During previous investigations, free product was observed in the

railroad ballast. In 2007, the area was remediated (see Section 5.7.2). All soil and groundwater impact was remediated.

- Wastewater Treatment Building – This is located adjacent to the west side of the Manufacturing Building. It was constructed in the late 1980s – early 1990s. A concrete vault, approximately 10 feet deep, and a series of shallow trenches are used to collect and treat process wastewater before discharge to the sanitary sewer system. Soil sampling has shown no soil impact in this area. Groundwater sampling has found groundwater impact, the source of which is apparently the Former Front End, which is located east of the Wastewater Treatment Building.
- Drum/Flammable Storage Room – This is located in the southwestern corner of the Manufacturing Building. Soil and groundwater sampling by others did not indicate impact from this potential source.

3.5 Potential Sources of Contamination From Neighboring Properties

A review of the WA DOE online Facility/Site Database was conducted to identify facilities near the Site that are potential sources of contamination that could migrate onsite. The review focused on facilities where releases have occurred or soil and/or groundwater contamination exists.

Protective Coatings Inc., located at 1215 North 2nd Avenue, is enrolled in the VCP (VCP No. NW2843). This facility is located west of REXAM, immediately across North 2nd Avenue. This is hydrogeologically downgradient of the Site. Previous environmental investigations by others had identified the potential for contamination from properties south of the Site (based on an assumption that groundwater flow was to the north), but sampling has not indicated this has occurred.

Groundwater sampling has identified arsenic contamination that is not associated with the Site source areas. This appears to be a background issue, since it is uniform across the Site and is not found in elevated concentrations in soil. No other potential sources of contamination were identified in close proximity to the Site.

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4.0 NATURAL CONDITIONS

4.1 Physiographic Setting and Topography

The Site is located within the Puget Lowland Physiographic Province in King County, Washington. The approximate elevation is 37 feet above mean sea level (AMSL). The Site topography is generally flat in the area of the buildings, slightly sloping down to the east and south. The regional topography slopes very slightly down to the west towards the Green River. The surrounding properties are at approximately the same elevation as the Site. A ridge with approximately 100 feet of relief is located approximately 3,500 feet east of the Site.

4.2 Geology

The area is underlain by unconsolidated Quaternary sediments of fluvial origin which are approximately 75 feet in thickness. Soil borings typically encountered 3 feet to 6 feet of fill; a boring immediately north of the Manufacturing Building encountered approximately 10 feet of fill. The fill generally consists of variable amounts of silt, sand, and gravel. The shallow native sediments consist of interlayered fine sand, silty fine sand, silt, silty clay, and clay. The sand and silty sand tend to form lenses in the finer-grained units or to grade laterally into the finer sediments. About 15 feet below ground surface (bgs) occurs a unit of relatively thin, fine-grained units interlayered with thin layers of sand and silty sand; this unit is approximately 10 to 15 feet thick. Thicker units of sand and clay occur beneath this. The sequence represents deposition by a meandering river channel and flood plain system. Cross sections across the area of contamination have been prepared. Figure 5 shows the lines of the sections, and Figures 6 and 7 are the east-west line of section and the north-south line of section, respectively.

Below the fluvial unit is a unit consisting of Quaternary glacial till, an unstratified, nearly unsorted mixture of pebbles and cobbles in a clayey silt and sand matrix; this unit has not been encountered in Site borings.

4.3 Surface Water

According to the USGS Topographic Map of the Renton 7.5-Minute Quadrangle, the closest surface water is Mill Creek, located across 228th Street, approximately 200 feet north of the Site. This has been heavily modified by urban development. The Green River is located approximately 1.5 miles west of the Site. The Site is not located within the 100-year flood zone.

Almost all of the property is covered by impervious surfaces. Small areas bordering North 2nd Avenue contain landscaped grass and bushes. Stormwater drainage is by overland flow, primarily into onsite catchbasins which are connected to the municipal stormwater system. There are no areas of discharge of Site groundwater to surface water bodies, nor is there any deposition of sediment derived from the Site to surface water bodies or soil.

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4.4 Groundwater

The regional aquifer system is a prolific filled valley unconfined water table system that extends over 100 miles from Vancouver, Canada to Olympia, Washington. The average thickness of the aquifer is approximately 2,000 feet.

Shallow groundwater at the Site is typically encountered between approximately 3.5 feet to 8.5 feet bgs. The depth to water in MW-107, located on the east side of the Manufacturing Building, is less, typically about 2 feet bgs. Groundwater at the Site is semi-confined. Based on Cone Penetrometer Test (CPT) borings, the fluvial deposits form a single aquifer. There is typically a slight downward component of flow based on elevation differences between deep well MW-201 and nearby shallow well MW-105/MW-105R. The direction of groundwater flow is generally to the west and northwest across much of the Site; major seasonal variation is not apparent. The horizontal groundwater gradient is approximately 0.008 feet/foot. Hydraulic conductivity ranges from 1.6 feet/day to 11.5 feet/day, based on slug tests conducted previously (the input parameters and calculated results are enclosed as Appendix 4). These hydraulic conductivity values are typical of silty sands. The contaminants are adsorbed by organic carbon present in the aquifer matrix, thus they exhibit retardation and move at a slower velocity than groundwater. Total organic carbon content is variable, with samples collected from near the water table ranging up to 1.3 weight %. A copy of the summary of total organic carbon data is included as Appendix 5. Appendix 6 contains the depth to water and groundwater elevations measured by ENVISION over the course of the investigation.

The Site is not in a critical aquifer recharge area nor is it a sole source aquifer. It is outside of any mapped 10-year wellhead protection area. There are no Group A wells (wells that generally serve many people and are subject to Federal Safe Drinking Water Regulations) or Group B wells (wells that generally serve few people, such as domestic wells, and are not subject to Federal Safe Drinking Water Regulations) within ½ mile downgradient or sidegradient of the Site. Seven (7) wells are located within this distance downgradient or sidegradient of the Site. Four (4) are downgradient of the Site and three (3) are sidegradient of it, according to the King County Geographic Information System (GIS) website. Six (6) are classed as “other”, the seventh is reportedly a “water supply well”, located 2,700 feet northwest of the Site. Seven (7) additional wells, one of which is a Group B well are located upgradient of the Site. Appendix 7 contains copies of the information obtained from this source.

4.5 Natural Resources/Ecological Receptors

According to the King County GIS website, the only environmentally sensitive area in the area of the Site is Mill Creek, which is unclassified. This stretch of Mill Creek has been diverted and canalized. Further, it is located across the main railroad line and the 228th Street overpass from the Site.

The Site qualifies for an exclusion from a terrestrial ecological evaluation because there is less than 1.5 acres of contiguous undeveloped land within 500 feet of the Site. Further, none of the chemicals listed in WAC 173-340-7491.1(c)(ii) are present at the Site.

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5.0 ENVIRONMENTAL INVESTIGATION/INTERIM ACTION SUMMARY

The results of the previous investigations and interim actions conducted at the Site are summarized briefly in this section. The referenced reports have been previously submitted to the WA DOE under the Site's VCP filing. The following investigations and interim remedial actions have taken place:

- Earth Tech, Inc. (EARTH TECH) removed a 12,000 gallon UST in 1998.
- Eckland Consultants, Inc., (ECKLAND) conducted a Phase I Environmental Site Assessment in early 2000.
- PRK Environmental Consulting Services (PRK) conducted a Phase II Environmental Site Assessment in early 2001.
- EARTH TECH conducted a Limited Phase II Environmental Site Assessment in late 2001.

The PRK and EARTH TECH Phase II reports included limited soil and groundwater sampling, primarily on the exterior of the Manufacturing Building, and the collection of a soil sample beneath the Manufacturing Building floor near the Schneider Filter Pit by PRK.

- ENVISION submitted a Voluntary Cleanup Program Application and Proposed Site Investigation Workplan in April, 2003.
- ENVISION submitted the following series of Site assessment reports, interim remedial action reports, and status reports:

    - Environmental Assessment Report, June 2007. This included conducting CPT borings, replacement of selected small-bore wells with conventional monitoring wells, and groundwater sampling.
    - Environmental Assessment Report - Railroad Siding Excavation and Interior Subfloor Area Investigation, May, 2009. This included excavation of the former compressor blowdown oil-impacted railroad ballast and shallow soil plus post-excavation sampling, as well as cleaning and inspections of subgrade structures in the manufacturing areas and shallow soil sampling at two (2) locations inside the Manufacturing Building where damaged floors were being replaced.
    - Environmental Assessment Report – Groundwater Sampling and Interior Subsurface Investigation, July, 2010. This included cleaning and inspection of the remaining accessible subgrade structures in the manufacturing areas, and groundwater sampling of the permanent monitoring wells.
    - Status Report – REXAM Beverage Can Company, June, 2011. This included groundwater and soil gas sampling. The former was conducted to assess potential for offsite migration. The latter was conducted to aid in identifying source areas.
    - Letter reviewing actions taken to address the release of hydraulic oil from the Baler, February 2012. This described the referenced release, the measures taken to recover the released oil, removal of impacted soil, and post-excavation soil sampling.
    - Status Report – REXAM Beverage Can Company, March, 2013. This included the results of quarterly groundwater monitoring from 2011 to early 2012.

- Status Report – REXAM Beverage Can Company, August, 2014. This included the results of soil sampling in the identified source areas and additional groundwater sampling.

The current report includes the results of groundwater sampling and assessment of the vapor intrusion (VI) pathway conducted in February 2015.

5.1 Constituents of Concern

The facility has always been used for the manufacture of aluminum beverage cans. As noted in Section 3.1.2, these operations currently use water-soluble oils, hydraulic oils, and lubricating oils in the metal-forming operations. Inks and varnishes are used to print can bodies and as protective coatings; many of these materials were formerly solvent-based. In addition, solvents were formerly used for cleaning parts and equipment. No other use, storage, or disposal of chemicals, oils, or hazardous materials have taken place at the property.

The selection of analytes was based on the potential presence of the materials used at the Site and their components. The following lists analytes that have been sampled for in soil, groundwater, and/or soil gas at the Site, and the probable source material:

- Volatile Organic Compounds (VOCs) – solvents and components of solvent-based inks and coatings;
- 1,4-Dioxane – as a stabilizer for 1,1,1-trichloroethane;
- Semivolatile Organic Compounds (SVOCs) and/or Polycyclic Aromatic Hydrocarbons (PAHs) – as components of lubricating and hydraulic oils;
- Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO) as kerosene/jet fuel, and motor or heavy oil – water-soluble, lubricating and hydraulic oils;
- Priority Pollutant Metals (PPM) – potentially present in used oils;
- Hexavalent chromium – listed by PRK based on their comparison of total chromium concentrations with hexavalent chromium cleanup criteria.

Table 2 lists all of the locations sampled over the course of the investigation, and which analytes were sampled for. Table 3 lists the quality control and quality assurance parameters, including blank frequencies, analytical methods, sample containers and preservation, and holding times for the samples collected by ENVISION over the course of the investigation. Appendix 8 provides copies of the lithologic logs for the borings installed by ENVISION over the course of the investigation. ENVISION's boring and monitoring well installation and soil sampling procedures are summarized in Appendix 9.

5.2 Soil

During the UST removal conducted by EARTHTECH, soil samples were collected for analysis of TPH (GRO, DRO and Heavy Oil) by the NWTPH-HCID Method (a presence/absence method) and lead via the Toxicity Characteristic Leaching Procedure (TCLP); it was concluded no soil

impact from the UST contents had occurred because no analytes were detected (see Table 4). See Section 5.7.1 for a description of these activities.

During the work conducted by PRK, soil samples were collected for analysis of the following:

NWTPH-HCID (GRO, DRO and Motor Oil)
NWTPH (DRO and Motor Oil)
VOCs
SVOCs
PPM, plus iron and barium in select samples

Most borings were installed around the perimeter of the Manufacturing Building and along the western boundary of the Site. The boring locations are depicted on Figure 8; Table 5 summarizes the analytes detected in the samples. With the exception of Motor Oil range TPH in B17 (near the Schneider Filter Pit), TPH did not exceed MTCA Method A Cleanup Levels. Oil and stressed vegetation were observed in the railroad siding ballast near the former compressor blowdown discharge. Trace concentrations of several VOCs, primarily of chlorinated VOCs, benzene, ethylbenzene, toluene, and xylenes were detected; only tetrachloroethene in B17 exceeded a MTCA Method A Cleanup Level. The SVOCs were limited to trace detections of phenols, PAHs, and phthalates in several samples; none exceeded a MTCA Method A Cleanup Level. None of the metals exceeded a MTCA Method A Cleanup Level. However, PRK stated that several samples contained total chromium concentrations above the MCTA Method A Cleanup Level for hexavalent chromium. This represents a very conservative screening approach for the potential presence of hexavalent chromium. With the exception of the boring collected within the building near the Schneider Filter Pit (B-17), none of the potential source areas within the Manufacturing Building were sampled.

In 2001, EARTH TECH collected soil samples for analysis of the following parameters based on the PRK results:

TPH – Diesel Fuel Extended Range, reported as:
- Kerosene/Jet Fuel
- Diesel
- Heavy Oil

VOCs

The samples were collected primarily around PRK samples B4, B9, and B15 at the interval immediately above the water table; detailed views of sample locations are shown on Figure 9 for the area of the Wastewater Treatment Building, Figure 10 for the former compressor blowdown at the railroad siding, and Figure 11 for the area outside the Drum Storage Room. Table 6 summarizes the analytes detected in the samples. None of the samples exhibited TPH and only one (1) sample generally exhibited low concentrations of VOCs (ETB-1-5). However, in ETB-1-5, the toluene concentration detected (17,000 µg/Kg) exceeded its MTCA Method A Cleanup Level of 7,000 µg/Kg. However, the remaining samples did not exhibit detectable concentrations. This result is suspect and probably represents a data quality issue.

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In summary, the work conducted through 2001 indicated the following concerns relative to soil:

- Soil impacted by petroleum hydrocarbons was present beneath the northern end of the Manufacturing Building in the area of the "oil/water separator". This apparently did not extend north beyond the building footprint.
- An area of railroad ballast in the siding east of the Manufacturing Building was impacted by petroleum hydrocarbons from a former compressor blowdown discharge. The area was limited in extent and soil beneath the ballast was apparently not impacted.

Groundwater exhibited impact by chlorinated VOCs (see Section 5.3 for further discussion of groundwater conditions). The soil results did not indicate that any of the areas sampled were potential source areas for the groundwater contamination since soil VOC concentrations were typically very low or non-detected. Concentrations of PPM observed in soils did not indicate impact by metals.

ENVISION's April 2003 Proposed Site Investigation Workplan (SIW) and VCP Application submittal for the Site included complete copies of these assessments.

In 2007, ENVISION conducted post-excavation soil sampling in the area of the former air compressor blowdown where free product had been observed in the railroad siding ballast (see Section 5.7.2 for a description of these activities). The stained ballast was removed and soil was excavated from an area approximately 32 feet long by 10 feet wide from 1 foot to 4 feet bgs. Post-excavation soil samples were collected for analysis of TPH-GRO and TPH-DRO; PPM; hexavalent chromium; VOCs, and SVOCs.

Low to trace concentrations of several VOCs, TPH fractions, SVOCs, and PPM were detected; none exceeded a MTCA Method A Cleanup Level. Details on these activities were included in ENVISION's May 2009 Environmental Assessment Report – Railroad Siding Excavation and Interior Subfloor Area Investigation. Appendix 10 contains a copy of the figure showing sample locations and the sampling data summary table from this report; Figure 12 also depicts the location of these samples.

In 2007 two (2) sections of the concrete floor between the Cuppers and the eastern end of the Can Washer were replaced by the facility due to settling and cracking. ENVISION personnel were onsite for floor trench inspections, and also observed the removal of the concrete floor in these areas. During the removal of the floor sections, oil staining on the underside of the floor slabs was observed. Soil exposed in these areas was sampled for TPH-GRO and TPH-DRO; PPM; hexavalent chromium; VOCs; and SVOCs. Elevated concentrations of TPH-DRO, and to a lesser extent, TPH-GRO were observed in the soil immediately under the floor in the northern part of both areas (closer to the cuppers); however concentrations decreased quickly with depth, and by 2.5 feet bgs were typically below the MTCA Method A Cleanup Levels. Trace concentrations of several VOCs were observed, mainly ethylbenzene, toluene, xylenes, propylbenzenes, trimethylbenzenes, and a few chlorinated VOCs; none exceeded a MTCA Method A Cleanup Level. Phenol, naphthalene, 1-methylnaphthalene, 2-methylnaphthalene,

3&4-methylphenol, and N-nitrosodiphenylamine were also observed at low to trace concentrations. Details on these activities were included in ENVISION's May 2009 Environmental Assessment Report – Railroad Siding Excavation and Interior Subfloor Area Investigation. Appendix 11 contains copies of the data summary tables from this report; the sample locations are shown on Figure 12.

Of the total of 32 soil samples analyzed for both chromium and hexavalent chromium during these phases of work, chromium concentrations ranged from 16 mg/Kg to 39 mg/Kg. None of the samples exhibited detections of hexavalent chromium. Further, current and historic Site operations did not involve the use of hexavalent chromium, nor its generation as a waste. Thus, hexavalent chromium was eliminated a contaminant of concern at the Site.

Based on the results of the inspections of subgrade structures and the types of source areas at other beverage can manufacturing plants, ENVISION considered it likely that the Can Washer Chemical Storage Area (formerly the location of the Front End before the current production line layout was constructed in the late 1980s – early 1990s), and the Baler area were likely source areas for the TPH and chlorinated VOC impacts in soil and groundwater. A subslab soil vapor survey was conducted in 2011 to identify potential subsurface areas with elevated concentrations of chlorinated VOCs, and to assess the potential for offsite migration of impacted groundwater (see Section 5.4 for further discussion of this work). The distribution of the elevated chlorinated VOC concentrations in soil vapor indicated the likely soil source areas of groundwater impact by VOCs were gaps in floor slab seams around the Baler, the Can Washer Chemical Storage Area and within the former Front End area.

Soil sampling was conducted in July 2011 based on this work. Details on these activities were included in ENVISION's March 2013 Progress Report. Copies of the summary tables from this report are included as Appendix 12. Boring locations are shown on Figure 12.

Borings in the Can Washer Chemical Storage Area exhibited impact, typically from approximately 3.5 feet bgs to the water table. In SB-101, impact was observed in samples collected from 3.5 feet to 4.5 feet bgs and 6.5 feet to 7.5 feet bgs, with elevated concentrations in the deeper sample. Concentrations of 1,1-dichloroethene up to 11 mg/Kg; 1,1-dichloroethane up to 43 mg/Kg; trichloroethene up to 1.7 mg/Kg; tetrachloroethene up to 2.7 mg/Kg; 1,3,5-trimethylbenzene up to 22 mg/Kg; 1,2,4-trimethylbenzene up to 36 mg/Kg; and 1,1,1-trichloroethane up to 410 mg/Kg were observed; elevated concentrations of n-propylbenzene, o-xylene, isopropylbenzene, and TICs (mainly benzene derivatives) were also detected in these samples. Trichloroethene, tetrachloroethene, and 1,1,1-trichloroethane were all above their MTCA Method A Cleanup Levels. The sample from 10 feet to 11 feet bgs, immediately above the water table, exhibited significantly lower concentrations of most analytes, but contained 36 mg/Kg of chloroethane (not detected in shallower samples in this boring), 0.056 mg/Kg of methylene chloride, 26 mg/Kg of 1,1-dichloroethane, and 3.3 mg/Kg of 1,1,1-trichloroethane; with methylene chloride and 1,1,1-trichloroethane above their MTCA Method A Cleanup Levels.

Borings SB-102 and SB-103 exhibited a similar suite and vertical distribution of contaminants. The concentrations were generally less than in SB-101, but exhibited exceedances of MTCA

Method A Cleanup Levels for one (1) or more of the following compounds: methylene chloride, trichloroethene, tetrachloroethene, and 1,1,1-trichloroethane. The latter three (3) compounds exhibited exceedances in the interval above the water table in SB-102 at 0.32 mg/Kg, 1.0 mg/Kg, and 3.4 mg/Kg, respectively. In SB-103, methylene chloride and 1,1,1-trichloroethane both exceeded their MTCA Method A Cleanup Levels immediately above the water table, at 0.046 mg/Kg and 4.8 mg/Kg, respectively. Boring SB-104 also exhibited a similar suite of contaminants, with elevated concentrations at 0.75 feet to 1.75 feet bgs and 3.5 feet to 4.5 feet bgs. These were characterized by elevated concentrations of 1,1,1-trichloroethane (up to 660 mg/Kg), and lower concentrations of 1,1-dichloroethane (up to 22 mg/Kg), trichloroethene (up to 1.2 mg/Kg), tetrachloroethene (up to 2.0 mg/Kg), and primarily unknown TICs. In the sample from 3.5 feet to 4.5 feet bgs, 1,1-dichloroethene was detected at 7.3 mg/Kg; 1,3,5-trimethylbenzene was detected at 2.9 mg/Kg; and 1,2,4-trimethylbenzene was detected at 5.9 mg/Kg; these were not detected in the shallow sample. The concentrations in this boring decreased significantly with depth; and in the interval immediately above the water table, only low concentrations of VOCs were observed.

In the Baler Area, borings SB-110 and SB-111 exhibited a generally similar suite of VOCs. In SB-110, methylene chloride was detected at 10 mg/Kg at 1 foot to 2 feet bgs, along with 1,1,1-trichloroethane at 22 mg/Kg, both above MTCA Method A Cleanup Levels; as well as 1,1-dichloroethane at 10 mg/Kg, acetone at 9.0 mg/Kg and trace concentrations of numerous additional target VOCs and TICs, primarily unknown hydrocarbons. The concentrations decreased vertically, with only 0.040 mg/Kg of methylene chloride (above its MTCA Method A Cleanup Level) detected at 15 feet to 16 feet bgs (immediately above the water table), along with corresponding decreases in other analytes. In SB-111, closer to the Schneider Filter Pit, trichloroethene was detected at 0.083 mg/Kg and tetrachloroethene was detected at 1.2 mg/Kg in the 0.75 foot to 1.75 foot interval, above their MTCA Method A Cleanup Levels. In contrast to the other samples discussed, 1,1,1-trichloroethane was not detected in this boring. Shallow samples from SB-111 exhibited elevated TICs, generally methylated hexanes, hexenes, decanes, heptanes, and cyclohexanes. No TICs were detected at 9.5 feet to 10.5 feet.

Samples collected from soil borings conducted in the Cupper and Can Washer Areas, SB-105 through SB-108, exhibited only low concentrations of VOCs with no exceedances of the MTCA Method A Cleanup Levels. The analytes were similar to those observed in samples from the Can Washer Chemical Storage Area.

The samples collected from the exterior soil borings advanced in the area at the northeast corner of the Manufacturing Building, north and east of the Baler Area (SB-115 and SB-116) exhibited only low to trace concentrations of VOCs, with the deep sample from SB-116 exhibiting a wide range of analytes including chlorinated VOCs, benzene derivatives, and ketones. No exceedances of the MTCA Method A Cleanup Levels were observed in the deep sample immediately above the water table.

The samples collected from the borings on the building exterior west of the Wastewater Treatment System Area (SB-112 through SB-114), exhibited only low to trace concentrations of VOCs with no exceedances of the MTCA Method A Cleanup Levels. The analytes were similar

to those observed in samples from the Can Washer Chemical Storage Area.

Low to trace concentrations of target SVOCs, generally naphthalene, methylnaphthalenes, PAHs, and TICs were also observed in soil samples which exhibited elevated VOC concentrations. A single slight exceedance of the Method A Residential Cleanup Level for benzo(a)pyrene was encountered in sample SB-103 at 9 feet to 10 feet bgs (the result was well below the Non-Residential Cleanup Level). The results showed that PAH concentrations in soil are low. These results indicate that SVOCs (including PAHs) can be removed as contaminants of concern for the Site.

These results were reported to WA DOE in ENVISION's March 25, 2013 Progress Report. Additional soil sampling to delineate the extent of the comingled impacts in the area of Front End, Schneider Filter Pit, and Baler Area; and in the area of the Former Front End was proposed, along with additional monitoring well installation and groundwater sampling.

The proposed work was carried out in May, 2014. The field procedures and results were reported in ENVISION's Progress Report dated August 2014 and the soil results are summarized below. Copies of the tables summarizing the results from this report are included as Appendix 13. Boring locations are shown on Figure 12.

Borings SB302, SB303, and SB304 exhibited elevated concentrations of several VOCs. In SB302, located just west of the former Front End area, impact was observed in samples collected from 3.5 feet to 4.5 feet bgs, 7 feet to 8 feet bgs (at which elevated concentrations were observed), and 11 feet to 12 feet bgs. As an example, 1,1,1-trichloroethane was detected at 22 mg/Kg; 2,000 mg/Kg; and 160 mg/Kg, respectively in this boring. Additionally, 1,1-dichloroethene was detected at 33 mg/Kg; 1,1-dichloroethane at 150 mg/Kg; trichloroethene at 8.7 mg/Kg; tetrachloroethene at 25 mg/Kg; toluene at 15 mg/Kg; 1,3,5-trimethylbenzene at 1.4 mg/Kg; 1,2,4-trimethylbenzene at 3.8 mg/Kg; and elevated concentrations of TICs (mainly benzene derivatives) were found at 7 feet to 8 feet bgs. Trichloroethene, tetrachloroethene, toluene, and 1,1,1-trichloroethane were all above their MTCA Method A Cleanup Levels, as was benzene at 0.045 mg/Kg. The sample from 11 feet to 12 feet bgs, immediately above the water table, exhibited lower concentrations of these analytes; with trichloroethene, tetrachloroethene, and 1,1,1-trichloroethane above their MTCA Method A Cleanup Levels. The TPH concentrations in this boring were generally low, with only TPH-GRO exceeding a Method A Cleanup Level at 160 mg/Kg at 7 feet to 8 feet bgs.

Borings SB303 and SB304 exhibited a similar suite of contaminants, with some differences in the pattern of the vertical distribution. In SB303, located in the former Front End area, elevated concentrations were observed at 0.5 feet to 1.5 feet bgs; 3.5 feet to 4.5 feet bgs, and 6.5 feet to 7.5 feet bgs. Again, 1,1,1-trichloroethane was detected at the most elevated concentration, being detected at 8.8 mg/Kg; 470 mg/Kg; and 15 mg/Kg, respectively. In contrast, at 8.5 feet to 9.5 feet bgs, 1,1,1-trichloroethane was only detected at 0.39 mg/Kg. The other contaminants were detected at much lower concentrations, and their vertical distribution generally followed the same pattern. Trichloroethene, tetrachloroethene, and 1,1,1-trichloroethane all exhibited exceedances of Method A Cleanup Levels at 0.5 feet to 1.5 feet bgs; 3.5 feet to 4.5 feet bgs,

and 6.5 feet to 7.5 feet bgs; but at 8.5 feet to 9.5 feet bgs only tetrachloroethene exceeded its Method A Cleanup Level at 0.14 mg/Kg. Only low concentrations of any TPH fraction were observed in this boring. In SB304, located east of SB303 in the former Front End area, impact was observed in samples collected from 8 feet to 9 feet bgs. As an example, 1,1,1-trichloroethane was detected at 3.1 mg/Kg at 0.5 feet to 1.5 feet bgs; 68 mg/Kg at 3.5 feet to 4.5 feet bgs, 1,500 mg/Kg at 7 feet to 8 feet bgs; and 4,900 mg/Kg at 8 feet to 9 feet bgs. The other contaminants were detected at lower concentrations and their vertical distribution followed that of 1,1,1-trichloroethane. Trichloroethene, tetrachloroethene, and 1,1,1-trichloroethane were all detected above their MTCA Method A Cleanup Levels, as were benzene and toluene at 8 feet to 9 feet bgs. At 0.5 feet to 1.5 feet bgs, only 1,1,1-trichloroethane exceeded its Method A Cleanup Level. The TPH concentrations in this boring were elevated, with both #2 Diesel and Motor Oil fractions exceeding their Method A Cleanup Levels at 7 feet to 8 feet bgs and 8 feet to 9 feet bgs (#2 Diesel fraction being detected at 2,300 mg/Kg in both samples and Motor Oil fraction at 14,000 mg/Kg and 13,000 mg/Kg, respectively).

Boring SB301, installed at the western side of the can washer to delineate impact in the former Front End to the north, exhibited only trace concentrations of a few VOCs at 6.5 feet to 7.5 feet bgs and 11 feet to 12 feet bgs; none exceeded a Method A Cleanup Level. Only isolated trace detections of TPH-GRO were observed in this boring. Boring SB305 was to have been installed east of MW-108, however, it encountered shallow refusal. Due to potential underground utilities in the area and heavy fork truck traffic, it was not possible to relocate the boring.

In the northeastern portion of the Manufacturing Building, borings SB314 and SB315 each exhibited low to trace concentrations of a few target VOCs, TICs, and TPH in the shallow samples, from 0.5 feet to 1.5 feet bgs. In SB314, tetrachloroethene was observed at 0.35 mg/Kg and Motor Oil fraction was observed at 5,300 mg/Kg and in SB315 tetrachloroethene was observed at 0.059 mg/Kg, #2 Diesel was observed at 2,900 mg/Kg and Motor Oil was detected at 13,000 mg/Kg, slightly above the respective Method A Cleanup Levels. No other sample from either boring exhibited detectable concentrations of any analyte.

In SB316, located outside of the building north of the Baler area, no VOCs or TPH were detected in any of the three (3) depth intervals sampled with the exception of a low concentration of naphthalene and 1-methylnaphthalene (the latter as a TIC) at 9 feet to 10 feet bgs.

The samples collected from the exterior soil borings advanced outside the northeast corner of the Manufacturing Building east of the Baler area (SB311, SB312 and SB313) exhibited only sporadic trace concentrations of a few target VOCs. Low levels of #2 Diesel and Motor Oil fractions were observed; only the Motor Oil fraction, at 2,600 mg/Kg in SB313 at 0.5 feet to 1.5 feet bgs exceeded its MTCA Method A Cleanup Level.

Boring SB204R was installed on the eastern side of the parking lot (east of SB313) to resample a location where elevated TPH had been detected in a post-excavation soil sample investigating the 2011 hydraulic oil release (see Section 5.7.3). This boring was sampled immediately beneath the pavement at 0.3 feet to 0.5 feet bgs; no VOCs or TPH were detected. Due to

insufficient recovery, additional soil samples could not be collected from the boring.

Figure 13 shows the distribution of selected VOCs in the northern part of the Manufacturing Building and Figure 13A shows their distribution in the southern part of the building. Likewise, the TPH distribution is shown in Figure 14 and Figure 14A. The soil results show that the source for the shallow groundwater VOC impact is the area immediately south of the Can Washer Chemical Storage Area (the former Front End area). Elevated soil contaminant concentrations are locally present at the water table. The source was most likely releases on the floor and within the former shallow trenches by the former Cuppers and Bodymaker/Trimmers. These releases migrated into the subsurface via cracks and open joints in the floors and shallow trenches. In connection with this, it was reportedly historic practice to wash floors in some facilities with 1,1,1-trichloroethane to clean them of oil. The concentrations of TPH in these samples generally follow the VOC concentration distribution in that the depth of maximum impact is several feet below the floor in borings where VOC concentrations are elevated, further supporting this hypothesis. Elevated VOC concentrations in shallow soil are observed in SB104, with lower concentrations in SB303 and SB304. In SB301, SB302, SB304, SB101, SB102, and SB103, the VOC impact is primarily in the interval from 3.5 feet bgs to 7.5 feet bgs, with impact also at the water table in SB302 and SB304. These soil impacts are delineated to the north and west by borings SB301, SB105, SB106, SB107, SB108, SB112, SB113, and SB114. To the south and east, historical soil borings installed in 1999 and 2001 do not exhibit impact at depths at which shallow impact is observed in the former Front End area, allowing for the difference between the floor elevation and ground elevation outside the building. To the southeast, the soil sampling conducted as part of the rail siding ballast remediation did not exhibit impact at depths near the water table in this area, establishing the delineation in this direction.

Because of the elevated VOC concentrations, it was considered inadvisable to advance borings below the water table in the Former Front End area. The most elevated concentrations observed at the water table are in SB304 (1,1,1-trichloroethane was detected at 4,700 mg/Kg at 8 feet bgs to 9 feet bgs) and in SB302 (1,1,1-trichloroethane was detected at 180 mg/Kg at 11 feet bgs to 12 feet bgs). SB104 exhibited only 0.040 mg/Kg of 1,1,1-trichloroethane at 10 feet bgs to 11 feet bgs. In SB302, the most elevated concentration of 1,1,1-trichloroethane (2,000 mg/Kg) was observed at 7 feet bgs to 8 feet bgs, the concentration at the water table (11 feet bgs to 12 feet bgs) decreased to 160 mg/Kg. These indicate that the maximum impact is mainly located between 7 feet to 9 feet bgs and decreases with depth. Finally, deeper groundwater does not exhibit impact, indicating the VOC impact is limited to shallow soil at the water table and smear zone.

Exceedances of chlorinated VOCs were also observed at the Baler area and near the Schneider Filter pit. Exceedances of TPH were observed near the Schneider Filter pit, but not by the Baler. Again, the pattern indicates that the sources of these impacts were surficial releases of TPH and small amounts of solvents. Concentrations of VOCs decrease markedly with depth. The data does not indicate significant impact at the water table in this area. The VOC impacts are delineated by the borings outside the northern and northeastern walls of the building, and by SB314 and SB315. The TPH impacts are delineated by the same borings, with the exception of immediately beneath the floor in SB314 and SB315. In both borings, all samples collected

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below the noted shallow samples did not exhibit any impact. Further south of SB314, delineation is provided by SB105, SB107 and SB108. These borings also provide delineation for the TPH exceedances observed immediately below the sections of floor replaced in 2007. SB315 shows a decrease in TPH-GRO and Motor Oil fraction concentrations in the depth interval immediately below the floor laterally from SB111. Concentrations of #2 Diesel at this depth are similar in these samples. The sample collected from 4.25 feet to 5.25 feet bgs in SB315 did not exhibit detectable concentrations of any TPH fraction, as opposed to the sample collected at the same depth from SB111. Thus, these data show that the source of the TPH impact in this area is from releases to the floor. It should be noted that installation of borings in this area of the plant is difficult when the facility is in operation, due to heavy traffic in the area. Further, the floors can get oily, and extensive drilling runs the risk of providing pathways for migration of the oil. The source areas and migration pathways are identified, and TPH concentrations decrease with increasing distance from impacted shallow soil in source areas. Thus, it is considered that the installation of one (1) or two (2) additional borings in the area will not provide any additional significant information.

These trends are illustrated in Figure 13 for VOCs and Figure 14 for TPH. This shows the shallow nature of the TPH and VOC impact in the area of the Schneider Filter Pit, Baler, Bodymakers and Cuppers. In the Former Front End, the pattern of VOC impact shows limited lateral migration and limited spreading with depth.

In summary, soil impact has been delineated and is located almost entirely beneath the Manufacturing Building. The only area where impacted soil is present outside of the building footprint is a small area along a very short section of the eastern wall of the Baler area (at the locations of SB116 and SB313). This entire area is covered by pavement well beyond the extent of the impact.

5.3 Groundwater

The most recent groundwater sampling event was conducted in February 2015; a description of the results is included in this section. Previous events have been reported to WA DOE, and are summarized below. Appendix 14 provides copies of all of the monitoring well construction logs for wells installed by ENVISION over the course of the investigation. Groundwater sampling procedures from the February 2015 sampling event are summarized in Appendix 15.

During the environmental investigation conducted by PRK in 2001 groundwater samples were collected from temporary monitoring wells for analysis of the following parameters:

NWTPH – Gasoline Range (Gx)
NWTPH – Diesel Range (Dx)
NWTPH – Heavy Oil Range (Oil)
VOCs
SVOCs
PPM

These parameters were selected based on the same criteria as the soil analytes.

During the PMK work, concentrations of chlorinated VOCs exceeding either MTCA Method A Cleanup Levels or USEPA MCLs were detected in several samples from shallow groundwater. Elevated concentrations were detected in a sample collected adjacent to a catchbasin just west of the Wastewater Treatment Building (sample B4). In this sample, the following VOCs were detected at elevated concentrations or above a MTCA Cleanup Level:

- Vinyl chloride – 700 µg/l;
- Chloroethane – 5,900 µg/l;
- 1,1-Dichloroethene – 1,800 µg/l;
- Methylene chloride – 73 µg/l;
- 1,1-Dichloroethane – 24,000 µg/l;
- 1,2-Dichloroethane – 87 µg/l;
- cis-1,2-Dichloroethene – 110 µg/l;
- 1,1,1-Trichloroethane – 27,000 µg/l;
- Trichloroethene – 83 µg/l;
- Tetrachloroethene – 29 µg/l.

In addition, low concentrations of related chlorinated VOCs, toluene, ethylbenzene, xylenes, trimethylbenzenes, ispropylbenzene, n-propylbenzene, and naphthalene were detected. The remaining samples exhibited much lower concentrations of a reduced suite of these analytes. Slightly elevated concentrations detected in the remaining samples were observed in B1, located immediately north of the Manufacturing Building. Only vinyl chloride, which was detected in four (4) of the remaining five (5) samples at concentrations ranging from 0.36 µg/l to 3.5 µg/l, exceeded a MTCA Method A Cleanup Level. Several of the wells exhibited NWTPH-Dx and NWTPH-Oil, with the former ranging from 0.26 mg/l to 3.4 mg/l (B1 and B4 exhibiting exceedances of the MTCA Method A Cleanup Level) and the latter ranging from 0.72 mg/l to 19 mg/l in B1, B4, B9, and B15, exceeding the MTCA Method A Cleanup Level. Only occasional trace detections of SVOCs were observed, and metals concentrations were below MTCA Method A Cleanup Levels. The detected compounds are summarized in Table 7; sample locations are depicted on Figure 8.

EARTH TECH collected groundwater samples from the monitoring wells installed during their 2001 investigation for VOCs, NWTPH-Dx, NWTPH-Kerosene/Jet Fuel, and NWTPH-Oil. Neither SVOCs nor metals were sampled for by EARTH TECH, based on the previous PRK results. The results were generally similar to those obtained by PRK. In ETMW-1, which was installed adjacent to the former location of B4, the following were detected at elevated concentrations:

- Vinyl chloride – 1,900 µg/l;
- Chloroethane – 12,000 µg/l;
- 1,1-Dichloroethene – 2,550 µg/l;
- Methylene chloride – 120 µg/l;
- 1,1-Dichloroethane – 63,000 µg/l;

- 1,2-Dichloroethane – 120 µg/l;
- 1,1,1-Trichloroethane – 32,000 µg/l;
- Trichloroethene – 110 µg/l;
- Tetrachloroethene – 60 µg/l.

A similar suite of compounds detected at lower concentrations in B4 were also observed in this well. In the remaining wells, there were relatively few detections. ETMW-5 and ETMW-6, both located north of the Manufacturing Building, exhibited chloroethane at 4,000 µg/l and 6,300 µg/l, respectively; the latter also exhibited methylene chloride at 48 µg/l. EARTH TECH also analyzed for NWTPH-Dx, NWTPH-Kerosene/Jet Fuel, and NWTPH-Oil; none were detected. The detected compounds are summarized in Table 7; sample locations are depicted on Figure 8.

In March 2005 ENVISION installed six (6) shallow and one (1) deep 2 inch diameter monitoring wells to supplement the existing small-bore wells and conducted groundwater sampling. CPT borings were also installed to obtain detailed lithologic data across the Site, to determine if a confining layer was present, and to determine if groundwater was present as a single unit or as multiple units. The increase in pore pressure with depth in the CPT borings was consistent with the pressure of the overlying water column, indicating that these units are hydraulically connected.

The groundwater analytical data obtained during this round of sampling was generally similar to that observed in the previous work, however concentrations were generally lower. In MW-105, installed adjacent to ETMW-1/former B4, the following elevated concentrations were observed:

- Vinyl chloride – 1,600 µg/l;
- Chloroethane – 4,000 µg/l;
- 1,1-Dichloroethene – 390 µg/l;
- Methylene chloride – 39 µg/l;
- 1,1-Dichloroethane – 4,700 µg/l;
- 1,2-Dichloroethane – 33 µg/l;
- 1,1,1-Trichloroethane – 2,700 µg/l;
- Trichloroethene – 11 µg/l;
- Tetrachloroethene – 22 µg/l.

Additionally, MW-101, located in the northern part of the Manufacturing Building by the Schneider Filter pit, exhibited vinyl chloride at 4 µg/l; MW-102, located by the northwestern corner of the Manufacturing Building, exhibited chloroethane at 3,200 µg/l and 1,2-dichloroethane at 32 µg/l; MW-106, located just north of the Manufacturing Building exhibited vinyl chloride at 1 µg/l, chloroethane at 1,450 µg/l, and 1,2-dichloroethane at 5 µg/l (the averages of the sample and duplicate for each compound). Deep well MW-201 exhibited only 0.9 µg/l of vinyl chloride and low concentrations (10 µg/l or less) of chloroethane and 1,1-dichloroethane. These results indicated that major impact to deeper groundwater was not present. These data were reported to the WA DOE in the June 2007 Environmental Assessment Report.

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During this event, ENVISION also collected samples for analysis of PPM (both dissolved and field filtered) and NWTPH-Gx. Several samples across the Site contained total and dissolved arsenic above the MTCA Method A Cleanup Level. Many of these wells exhibited no impact from VOCs, and the elevated arsenic concentrations did not correspond to Site source areas. Most of the other PPM were not detected in either fraction, a few were detected at low concentrations. NWTPH-Gx was only detected in MW-105, only slightly above its Method A Cleanup Level of 800 µg/l where benzene was also detected. Furthermore, geochemical sampling showed elevated methane concentrations, indicating a reducing groundwater environment existed. Copies of the summary tables from the report are included as Appendix 16.

After completion of the City overpass project along South 228th Street in 2010, ENVISION conducted additional groundwater sampling for VOCs, SVOCs, and total and dissolved PPM. Well MW-107 was installed to replace ETMW-4, which had been abandoned during remediation of the former compressor blowdown. A further decrease in VOC concentrations was observed for most analytes. In MW-105, vinyl chloride had decreased to 870 µg/l and 1,1,1-trichloroethane had decreased to 890 µg/l; 1,1-dichloroethane had increased to 11,000 µg/l; and chloroethane had increased to 7,300 µg/l. During this event, ETMW-1 was also sampled for comparison to MW-105. Most analytes detected in ETMW-1 exhibited similar concentrations to those in MW-105, however 1,1,1-trichloroethane was detected at 3,900 µg/l. Concentrations in the remaining wells were generally very low, with the exception of MW-102 and MW-106, which exhibited 1,500 µg/l and 720 µg/l of chloroethane, respectively, which were lower than the previous sampling round. No increase in concentrations in downgradient wells was evident, indicating that the decrease was not due to migration of the plume. Trace concentrations of several SVOCs were observed, primarily in MW-101, MW-102, MW-104, MW-105, and ETMW-1. A number of wells exhibited chrysene above its MTCA Method A Cleanup Level of 0.01 µg/l, however all detections were flagged by the laboratory as containing laboratory contamination. Among the total and dissolved PPM, the shallow wells exhibited arsenic above its MTCA Method A Cleanup Level at similar concentrations as the previous round; several samples also exhibited total and/or dissolved lead slightly above its MTCA Method A Cleanup Level; this was the only instance of lead exceedances. These data were reported to the WA DOE in ENVISION's July 2010 Environmental Assessment Report – Groundwater Sampling and Interior Subsurface Investigation. Appendix 17 contains a copy of the data summary table from this report.

In order to determine if seasonal effects on groundwater conditions were present, ENVISION conducted quarterly groundwater sampling for VOCs, SVOCs, and total and dissolved PPM from April 2011 to April 2012. During this work, ETMW-1 was abandoned by a properly licensed driller, since it was no longer needed (MW-105 having been installed to replace it) and there were concerns about its data quality. Water level measurements from ETMW-1 and MW-105 (installed to the same depth with the same screened interval as ETMW-1) had exhibited discrepancies, possibly indicating that ETMW-1 was not producing representative data.

In November 2011, the sampling crew discovered that MW-105 had been covered by a concrete pad constructed as part of the installation of a new cooling tower at the Site. The construction

contractor did not provide information on the well abandonment.

Over the course of the quarterly groundwater monitoring events, the groundwater flow direction was to the northwest and west across most of the Site, and was consistent between the events. These also agreed with the previous results.

Groundwater conditions were consistently reducing as evidenced by detectable concentrations of methane across the Site, typically low dissolved oxygen readings, and typically negative oxidation-reduction potential (ORP) values. Ethane and ethene were also locally detected.

Monitoring well MW-105 exhibited elevated concentrations of VOCs, with exceedances of MTCA Method A Cleanup Levels for vinyl chloride; methylene chloride; and 1,2-dichloroethane. In addition, elevated concentrations of chloroethane and 1,1-dichloroethane, which do not have MTCA Method A Cleanup Levels, were observed. The concentrations of 1,1,1-trichloroethane were now below its MTCA Method A Cleanup Level. This well also contained low concentrations of cis- and trans-1,2-dichloroethene; toluene; tetrachloroethene; xylenes; ethylbenzene; n-propylbenzene; and trimethylbenzenes. Typically, MW-101 exhibited vinyl chloride and MW-102 exhibited 1,2-dichloroethane slightly above MTCA Method A Cleanup Levels. Wells MW-102 and MW-106 exhibited chloroethane, with concentrations decreasing over time. Several wells contained trace concentrations of one (1) or more of cis- and trans-1,2-dichloroethene; isopropylbenzene; 1,1-dichloroethane; 1,2-dichloroethane; and VOC TICs. Wells ETMW-3, ETMW-7, MW-103, MW-104, MW-107, and MW-201 typically did not exhibit detectable concentrations of VOC target compounds or TICs. Detections of SVOCs were limited to TICs. These data were reported to the WA DOE in ENVISION's Progress reports dated June, 2011 and March, 2013. Appendix 18 includes the data summary tables from these sampling events.

No free product was observed in any of the wells. The data indicated that the area of elevated groundwater impact was under the Manufacturing Building, east of the Wastewater Treatment System area. The impact was limited to shallow groundwater. Finally, contaminant concentrations exhibited a decreasing trend over time.

Among the analyzed metals, all shallow monitoring wells typically exhibited total and dissolved arsenic above its MTCA Method A Cleanup Level of 0.005 mg/l. This included wells that did not exhibit any evidence of Site-related impact. Concentrations were similar among the shallow wells in each round of sampling, and other metals were typically not detected or were present in low concentrations. The arsenic data suggests that the arsenic is derived from naturally-occurring background conditions. Thus, arsenic is eliminated as a contaminant of concern at the Site and no further evaluation of metals as a Site contaminant of concern is required.

In May 2014, ENVISION installed MW-108 in the Can Washer Chemical Storage area to serve as a source area well. Monitoring well MW-105R was installed as close as possible to the former location of MW-105 to serve as a replacement well. All wells were sampled for VOCs plus TICs and for geochemical parameters. The work was reported to the WA DOE in ENVISION's August 2014 Progress Report. Appendix 19 contains copies of the data summary

tables from this event.

During the May 2014 sampling event, elevated concentrations were observed in MW-108:

- Vinyl chloride – 9.7 µg/l;
- Chloroethane – 820 µg/l;
- 1,1-Dichloroethene – 78 µg/l;
- 1,1-Dichloroethane – 1,600 µg/l;
- 1,1,1-Trichloroethane – 2,300 µg/l;
- Trichloroethene – 5.2 µg/l.

In addition, low to trace concentrations of several other chlorinated VOCs, acetone, toluene, xylenes, trimethylbenzenes, isopropylbenzene, and n-propylbenzene were detected. Concentrations in the remaining wells were significantly lower. In MW-105R, located downgradient of MW-108, vinyl chloride was detected at 1.9 µg/l; chloroethane was detected at 120 µg/l; 1,1-dichloroethane was detected at 34 µg/l; the only other analyte detected in this well was a low concentration of toluene. The only other wells that exhibited elevated contaminant concentrations were MW-102 and MW-106, which exhibited chloroethane at 340 µg/l and 390 µg/l, respectively. Several wells exhibited low concentrations of vinyl chloride; the most elevated concentration observed was 1.5 µg/l in MW-101.

In order to obtain additional data from MW-108 and MW-105R and to determine the overall groundwater contaminant trends, ENVISION collected a round of groundwater samples in February 2015. All monitoring wells were sampled for VOCs plus TICs via USEPA Method 8260C, including non-preserved fractions for vinyl chloride analysis in accordance with SW-846, and 1,4-dioxane analysis via USEPA Method 8260C with selective ion monitoring (SIM). This was included due to the occurrence of 1,1,1-trichloroethane as a contaminant of concern, since 1,4-dioxane was sometimes used as a stabilizer for 1,1,1-trichloroethane, and it had been occasionally detected as a TIC. Wells MW-101, MW-102, MW-105R, MW-107, and MW-108 were sampled for total suspended solids (TSS) and total dissolved solids (TDS) in order to assist in assessing treatability options. The same field procedures were utilized as in previous sampling events conducted by ENVISION (see Appendix 15). The results are discussed below.

The depth-to-water measurements collected at the beginning of the sampling event were used to calculate groundwater elevations for each well. These data are included as Table 8. The data were used to develop a groundwater elevation contour map for the Site, a copy of which is presented as Figure 15.

Depth to water ranged from 1.40 feet below top of casing (BTOC) in MW-107 to 8.08 feet BTOC in MW-101. The groundwater contour map shows that groundwater flow in the area of the Manufacturing Building is generally to the northwest and west, consistent with previous events. The groundwater elevation in MW-105R was 32.40 feet above mean sea level (AMSL) and the groundwater elevation was slightly lower in deep well MW-201 (31.94 feet AMSL), indicating a slight downward vertical hydraulic gradient during this event.

During purging, water quality parameters (temperature, pH, dissolved oxygen, specific conductivity, oxidation-reduction potential (ORP) and turbidity) were measured and recorded on field forms, which are included as Appendix 20. The water in several of the shallow wells exhibited a biological "sheen", indicating natural bacterial activity. In addition, two (2) shallow wells (MW-102 and MW-106) exhibited a sulphur odor, and the VOC vials from MW-103 exhibited minor effervescence. These conditions have been observed previously.

The results for the water quality parameters are summarized in Table 9. Dissolved oxygen values were generally low. The ORP values in all wells were negative after purging, further indicating reducing conditions. Again, these are consistent with previous results.

The laboratory deliverables package for the groundwater data is included as Appendix 21. The laboratory data was reviewed to determine if issues were present that may limit the data usability. The following were identified:

- The matrix spike recovery for 1,4-dioxane was outside of its acceptance criteria. The spike amount in the matrix spike for 1,4-dioxane was less than five (5) times the sample amount, so the matrix spike recovery is not meaningful;
- In the matrix spike for VOCs, 1,3,5-trimethylbenzene and tert-butylbenzene recoveries were slightly above their acceptance criteria;
- In the laboratory control sample, 1,1,2-trichloroethane, 1,3,5-trimethylbenzene, tert-butylbenzene, and sec-butylbenzene recoveries were slightly above their acceptance criteria. The relative percent differences were acceptable;

These issues are not considered to be significant. Only 1,3,5-trimethylbenzene was detected in MW-108 at 5.3 µg/l; the data were flagged.

Duplicate samples exhibited good agreement with original samples. Trip and field blanks exhibited no detections of target analytes or TICs.

The groundwater analytical results are summarized in Table 10 and the detected compounds are plotted on Figure 16. As in the previous round, elevated VOC concentrations were detected in MW-108; which exhibited vinyl chloride at 6.3 µg/l; chloroethane at 530 µg/l; 1,1-dichloroethene at 19 µg/l; 1,1-dichloroethane at 490 µg/l; 1,2-dichloroethane at 2.0 µg/l; 1,1,1-trichloroethane at 630 µg/l; and 1,4-dioxane at 850 µg/l; plus low concentrations of o-xylene, toluene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene. The sample also contained a total of 21.5 µg/l of TICs.

Monitoring well MW-105R exhibited a similar suite of analytes at lower concentrations. This well exhibited vinyl chloride at 1.2 µg/l (both sample and duplicate); chloroethane at 790 µg/l (770 µg/l in the duplicate); 1,1-dichloroethane at 93 µg/l (94 µg/l in the duplicate); 1,2-dichloroethane at 1.1 µg/l (both sample and duplicate); 1,4-dioxane at 40 µg/l (both sample and duplicate); and 5.1 µg/l of a TIC (which was not detected in the duplicate). This well is approximately 200 feet downgradient of MW-108.

The two (2) wells north and northwest of the Manufacturing Building, MW-106 and MW-102, exhibited chloroethane and 1,4-dioxane, but only low concentrations of a few other analytes. MW-106 contained chloroethane at 420 µg/l and 1,4-dioxane at 200 µg/l, but only 0.23 µg/l of vinyl chloride; 1.1 µg/l of 1,2-dichloroethane; and a single TIC at 5.0 µg/l. MW-102 contained chloroethane at 180 µg/l and 1,4-dioxane at 330 µg/l, but only 4.4 µg/l of 1,2-dichloroethane, and 0.42 µg/l of benzene. This well also contained 33.1 µg/l of TICs. MW-101, located near MW-106 inside the northern end of the Manufacturing Building, contained vinyl chloride at 2.1 µg/l, 1,4-dioxane at 61 µg/l; cis-1,2-dichloroethene at 1.3 µg/l, and 1,2,4-trimethylbenzene at 1.2 µg/l.

Monitoring wells ETMW-7 and MW-103, located on the west side of the Site, both exhibited low concentrations of vinyl chloride and 1,4-dioxane. ETMW-7 contained vinyl chloride at 0.77 µg/l and 1,4-dioxane at 8.1 µg/l; MW-103 contained vinyl chloride at 0.31 µg/l and 1,4-dioxane at 6.0 µg/l.

ETMW-2, located at the southwestern corner of the Manufacturing Building, only exhibited 1,4-dioxane at 1.5 µg/l and TICs at 75 µg/l. MW-107, located immediately east of the Manufacturing Building, exhibited 0.58 µg/l of 1,4-dioxane (0.47 µg/l in the duplicate). No VOCs or 1,4-dioxane were detected in either MW-104 (by the covered drum storage area) or MW-201 (the deep well located by MW-105R).

The TSS and TDS concentrations were lowest in MW-107, upgradient of the source area; TSS was not detected and TDS was detected at 120 mg/l. In the source area, MW-108 contained TSS at 64.0 mg/l and TDS at 340 mg/l. Downgradient of the source area, MW-105R contained TSS at 66.4 mg/l and TDS at 280 mg/l. In the northern end of the Manufacturing Building, MW-101 contained TSS at 108 mg/l and TDS at 280 mg/l. To the northwest of the Manufacturing Building, MW-102 contained TSS at 191 mg/l and TDS at 510 mg/l. Duplicate agreement was close for both analytes.

The current distribution of the contaminants is characterized by the presence of 1,1,1-trichloroethane and 1,4-dioxane in MW-108, in the former Front End. Historically, 1,1,1-trichloroethane was also detected in MW-105/ETMW-1/B-4 during previous phases of the investigation; it has not been detected in MW-105R since this well was installed. The concentration of 1,4-dioxane in this well is also much lower. During the initial investigation conducted by PRK, low to trace concentrations of 1,1,1-trichloroethane were also detected in samples collected from temporary wells across the Site; but subsequent work has not shown this. It should be noted that EARTH TECH identified a high likelihood of cross-contamination resulting from PRK field procedures. Chloroethane is also detected in MW-108 and MW-105/MW-105R, along with much lower concentrations of other products of reductive dechlorination of 1,1,1-trichloroethane.

A secondary area of groundwater contamination is located at the northern end of the Manufacturing Building. This area is characterized by the presence of chloroethane and 1,4-dioxane in MW-102 and MW-106, and low to trace concentrations of vinyl chloride in MW-101

and MW-106. Detections in MW-106 are lower in concentration than in MW-101 and are more sporadic.

The extent of shallow groundwater impact is localized. Nearby wells, such as MW-101, MW-102, and MW-106, exhibit significant differences in concentration. Furthermore, the soil gas survey conducted in 2011 did not show elevated impact to soil gas from chlorinated VOCs along North 2nd Avenue and South 228th Street, indicating a lack of groundwater impact at the downgradient property boundary. The vertical extent of groundwater impact is limited to shallow groundwater, as evidenced by the lack of detections in MW-201.

Table 11 summarizes detected contaminant concentrations in groundwater for target VOCs and 1,4-dioxane since 2005 for the Site wells. Based on the absence of target SVOCs, SVOC and TPH analyses were discontinued during the investigation. As noted, arsenic detections in groundwater are due to background groundwater conditions, so PPM sampling was also discontinued.

The concentrations of VOCs have decreased significantly since 2005. As an example, in MW-105 in March 2005, vinyl chloride was detected at 1,600 µg/l; chloroethane was detected at 4,000 µg/l; 1,1-dichloroethane was detected at 4,700 µg/l; 1,1,1-trichloroethane was detected at 2,700 µg/l; and 1,1-dichloroethene was detected at 390 µg/l. In comparison, during the February 2015 sampling event the average of the sample and duplicate from MW-105R exhibited 1.2 µg/l of vinyl chloride; 780 µg/l of chloroethane; and 94 µg/l of 1,1-dichloroethane; 1,1,1-trichloroethane and 1,1-dichloroethene were not detected. The other analytes show similar decreases. A graph of the change in concentration of 1,1,1-trichloroethane, chloroethane, 1,1-dichloroethane, and vinyl chloride over time in this area is presented in Figure 17; the parent compound, 1,1,1-trichloroethane, shows a steady decrease, as does vinyl chloride. Both chloroethane and 1,1-dichloroethane showed a significant increase, then a rapid decrease. Other wells show decreasing trends as well; Figures 18 and 19 show the changes in chloroethane concentration in MW-102 and MW-106, respectively. Since MW-103, which is downgradient from MW-105R, does not exhibit increases in concentration (in this round MW-103 exhibited 0.31 µg/l of vinyl chloride and 6.0 µg/l of 1,4-dioxane), plume migration is not the cause of this decrease. The other downgradient wells exhibit an identical pattern. MW-102 shows a decreasing contaminant trend over this period; however, 1,1-dichloroethane and vinyl chloride (previously detected at elevated concentrations in MW-105 and detected at low concentrations in MW-105R) have never been detected in MW-102. ETMW-7 has rarely exhibited detectable concentrations of any VOC over the course of the investigation.

Previous groundwater sampling events have shown that the groundwater chemistry is reducing. The current sampling for TSS and TDS shows these are elevated in MW-108, MW-102, and MW-105R relative to MW-107, the upgradient well.

There are several degradation pathways that are occurring at the Site, based on the daughter products observed. The main reaction pathways are:

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1,1,1-Trichloroethane → 1,1-Dichloroethane → Chloroethane → 1-Chloroethanol → Acetaldehyde

1,1,1-Trichloroethane → 1,1-Dichloroethene → Vinyl Chloride → Ethene → Ethane

(Both biotic)

1,1,1-Trichloroethane → 1,1-Dichloroethene → acetic acid

(Abiotic)

Additionally, tetrachloroethene is being destroyed by:

Tetrachloroethene → Trichloroethene → cis-1,2-Dichloroethene → Vinyl Chloride

(Biotic)

5.4 Soil Vapor

In order to evaluate the vapor intrusion pathway, the procedures in Publication 09-09-047; *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action, Review DRAFT* (the Draft VI Guidance) were followed.

The Draft VI Guidance provides screening levels for groundwater to determine if the vapor intrusion pathway requires further evaluation. It does not provide screening levels for soil, and recommends sampling of soil gas to further assess this pathway. Sub-slab soil gas (SSSG) sampling is preferred if the source is shallow soil.

In April 2011, ENVISION conducted sub-slab soil gas sampling as a reconnaissance tool to determine if source areas of VOCs were present beneath the Manufacturing Building. The procedures and results were reported in the June 2011 Progress Report and are summarized below.

For each sample location, a 2 inch diameter hole was cut in the concrete floor using a water cooled core saw. A shop vacuum was used to remove any water and cuttings. A hammer drill was then used to drive a 1 inch diameter steel sampling point to 2.5 feet bgs. When the target depth was reached, the tooling was withdrawn several inches to disengage the sacrificial point and expose the end of the probe. Polyethylene tubing was attached to an adaptor, which was fed down the probe and attached to the downhole end. The sample train was purged of air using a syringe, and when three (3) volumes were removed, a new laboratory-supplied 1-liter Tedlar bag was attached to the sample train. The Tedlar bag was filled using a vacuum pump at a rate less than the purge rate. The bag was then sealed and removed, and the probe was removed and the boring properly abandoned. All samples were analyzed for VOCs via USEPA Method 8260B and SVOCs via USEPA Method 8270C. The data were initially reported in µg/l

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in ENVISION's June 2011 Progress Report; however, the data have been converted to μg/m^3 in the enclosed Table 12. Copies of the sample location maps are included as Appendix 22.

Since the Site is industrial, the results were compared to Method C Subslab Soil Gas Screening Levels (revised April 6, 2015). As can be seen, a number of samples exhibit soil gas concentrations above screening levels; primarily chloromethane, vinyl chloride, 1,1-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane, trichloroethene, and tetrachloroethene. Several exceedances of 1,1,2-trichloroethane, carbon tetrachloride, chloroform, ethylene dichloride (1,2-dichloroethane or EDC), and benzene were also encountered, as well as isolated exceedances of a number of other compounds. Many of these analytes were detected in shallow soil; several were detected in groundwater.

Based on the data, subslab soil gas has been impacted. The next step in an assessment of the vapor intrusion pathway would generally be to conduct indoor air sampling. However, the collection of indoor air samples is not necessary if the same chemicals are being used in an industrial setting. If so, OSHA exposure levels would be applicable while these chemicals remained in use. In addition, indoor air samples are subject to numerous interferences due to VOC or fuel use in industrial settings, offgassing of VOCs from other materials, ambient air quality, etc. The Draft VI Guidance suggests removal of possible sources of VOCs before conducting indoor air sampling; in an operating industrial setting, this is not possible.

In order to determine possible use and/or presence of the chemicals in question, ENVISION conducted a thorough review of the MSDS file for the Site. In addition, ENVISION conducted a building survey to identify pertinent building construction and HVAC system details, potential background sources of VOCs, and whether potential pathways for vapor intrusion were evident.

On February 11th, 2015, ENVISION personnel interviewed the Plant Engineer, Billy Rohrbough, to obtain information on building construction and chemical usage. No drawings of the building's HVAC system were available.

The complete MSDS file was reviewed to determine if any of the compounds that had previously been detected in SSSG samples were used, or were components of materials currently used, at the facility. In addition, ENVISION took note of MSDSs containing non-target VOCs should these compounds be detected if further sampling is required. ENVISION reviewed MSDSs for variety of cleaners, lubricants, aerosols, paints, enamels and lacquers that contained VOCs. Of the VOCs that were detected at elevated concentrations in the SSSG samples, the only contaminants of concern that were found in the MSDSs were limited to tetrachloroethene, trichloroethene, 1,2,4-trimethylbenzene and xylenes. Tetrachloroethene was a component of a heavy duty electric motor cleaner produced by Bowman Distribution and trichloroethene was a component of a nonflammable penetrating lubricant produced by Fastenal Company. The 1,2,4-trimethylbenzene was a component of Groundworks Polyurethane Interior/Exterior Floor & Porch Enamel produced by ICI Paints. Copies of these MSDS sheets are included as Appendix 23. Xylenes were also listed as a component of numerous paints and lacquers used onsite.

The buildings are of concrete slab-on-grade construction, with no basements. The walls and roof are wood, with wood roof columns and roof joists. Air intakes for make-up air are mounted on the roof. Mr. Rohrbough stated that the office and the manufacturing area HVAC systems are separate. There are overhead doors along the east side of the manufacturing building, as well as an overhead door on the north side and several on the west side. Mr. Rohrbough said that the east side doors are opened for ventilation depending upon outside temperature (they were open during this field event). There are no subgrade structures present other than the previously identified trenches, sumps, and vaults associated with the production and support areas. The majority have been inspected by ENVISION during previous phases of the investigation and any breaches of integrity repaired. These also contain liquid (oil or water depending on the operations conducted in the vicinity) and thus would not likely provide a path for vapor intrusion.

According to Mr. Rohrbough, there is no underground piping beneath the Manufacturing Building, with the exception of restroom drains and sanitary sewer piping. During ENVISION's inspection of subsurface features for construction and integrity, there were several shallow underground drain lines found in the current Front End. At the time, facility personnel did not know where they discharged, but it was believed that those associated with oil collection drained into the Schneider filter and those associated with water collection possibly discharged to the wastewater treatment system. The main underground water, electric, telephone, and sanitary sewer lines enter the building from the west side of the Site, thus these would likely not provide preferential pathways for soil gas migration as they are not located in areas of elevated contaminant concentration.

The floor was generally in good condition. There were several areas where minor cracking was visible. In many areas, the cracks had been filled with what appeared to be an epoxy sealant. An area located southeast of the Can Washer Chemical Storage Area and MW-108 contained floor cracks that had not been sealed. The northwestern corner of this area roughly coincided with a concrete patch approximately 12 feet south and 4 feet east of MW-108. The area extended approximately 30 feet eastward and 15 feet southward from the corner, with the most significant cracking located within the southeastern two-thirds of the area.

In order to determine if there were other materials used at the Site that were not listed in the MSDS file and to verify the materials present at the Site, ENVISION personnel surveyed areas where paints, maintenance products, and other liquids or aerosols were used or stored. ENVISION observed several containers of paints, enamels and lacquers containing xylenes throughout the facility, including the Drum/Flammable Storage Room in the southwestern corner of the Manufacturing Building, the Machine Shop in the northwest corner of the Manufacturing Building, and the Inker Repair Shop, a free-standing room east of the palletizer/depalletizer unit. In addition, food-grade spray lubricants were observed on work carts in the Bodymaker area. During the inspection, ENVISION observed an aerosol can puncher and an adjacent plastic garbage can of punched aerosol cans in the Drum Room. Upon inspection of the contents of the garbage can, ENVISION observed a nearly full can of Bowman Heavy Duty Electric Motor Cleaner, which contains tetrachloroethene. ENVISION did not observe the products containing trichloroethene or 1,2,4-trimethylbenzene during its review of chemical storage.

A copy of the Building Survey Form completed during the walk-through is included in Appendix 24.

Based on the results of the assessment and the noted guidance document, indoor air sampling (Tier II sampling) is indicated as the next step. This is discussed further in Section 8.3.

5.5 Natural Resources/Wildlife

The Site is located in a heavily developed area with industrial zoning. A major railroad line and limited-access highway border parts of the Site. There is little undeveloped land in the vicinity of the Site. There are no surface water bodies adjacent to the Site; the nearest surface water is Mill Creek, which is located approximately 200 feet away across South 228th Street and the railroad, and has been heavily modified to form part of the municipal stormwater drainage system. Thus, the area is not readily accessible to terrestrial wildlife, nor does it represent an important natural resource.

5.6 Cultural History/Archeology

The Site is located in an area of recent (1970s and later) commercial/industrial development. The area is zoned M-3, General Industrial. Thus, the area is not significant for either its cultural history or for archeological considerations.

5.7 Interim Actions

The following summarizes the interim remedial activities conducted at the Site. Details on all of these activities were provided in previous submissions to the WA DOE as noted below.

5.7.1 UST Removal, 1998

Removal of a 12,000-gallon UST containing lubrication oil from the north side of the Manufacturing Building was carried out in October/November 1998 by EARTH TECH. Although minor spills and overfills had apparently occurred, the tank was located in a concrete secondary containment vault and impact was confined to bedding material within the containment. EARTH TECH concluded that no soil impact had occurred. ENVISION's April 2003 Proposed SIW and VCP Application submittal included a complete copy of EARTH TECH's report on this activity.

5.7.2 Removal of Stained Ballast and Product, 2007

In 2007, stained ballast was removed from the railroad siding on the east side of the Site where free product had been observed. The released material was a result of compressor blowdown discharges. Monitoring well ETMW-4 located adjacent to the stained ballast was abandoned. The stained ballast was removed and replaced with clean ballast. Due to the very shallow perched groundwater in this area at the time, soil excavation and sampling could not be conducted during this work. The excavation was lined with polyethylene

sheeting prior to backfilling with clean ballast so that soil excavation could be conducted during drier conditions. During a later period of dry weather, soil was excavated in an area approximately 32 feet long by 10 feet wide and between 1 foot to 4 feet bgs. Post-excavation soil samples were collected for analysis of TPH-GRO and TPH-DRO, PPMs plus hexavalent chromium, VOCs, and SVOCs. Low to trace concentrations of several VOCs, TPH fractions, SVOCs, and PPM were detected; none exceeded a MTCA Method A Cleanup Level. Details on these activities were included in ENVISION's May 2009 Environmental Assessment Report – Railroad Siding Excavation and Interior Subfloor Area Investigation. Appendix 10 contains a copy of a figure and the sampling data summary table from this report.

Based upon the results of the interim remedial activities, no further action is warranted for this area.

5.7.3 Hydraulic Oil Release From Baler

In December 2011, approximately 10 to 15 gallons of hydraulic oil were released from a pressure fitting on the aluminum scrap baler through the overhead door located on the east side of the Manufacturing Building at its northeast corner. The release occurred on December 17, 2011 and was reported to the WA DOE the same day. The WA DOE assigned Spill Incident Number 11-4213 to the incident. The hydraulic oil impacted the adjacent asphalt pavement and a portion of the oil flowed to the east slightly impacting the soil/gravel area adjacent to the edge of the pavement. Site personnel immediately placed oil sorbent booms to prevent additional hydraulic oil from running off the asphalt pavement, and then used sorbent materials and a floor scrubber to remove the hydraulic oil from the pavement. No hydraulic oil was released to stormwater drains, the sanitary sewer system or to waterways. The Site contracted with Northwest Stormwater Maintenance (NSM) of Kent, Washington to address the impacted soil/gravel area adjacent to the asphalt pavement. NSM excavated approximately 12 feet by 20 feet of impacted soil and gravel to a depth of 4 inches and transported approximately 7,000-pounds of soil, gravel, and water offsite for disposal. Upon completing the excavation, the area was inspected and no evidence (visual or olfactory) of the release was observed in the soil/gravel area. Soil sampling conducted by ENVISION on December 29, 2011 found limited impacts by TPH-motor oil range apparently unrelated to the recent hydraulic oil release. Copies of the Area of Investigation map, the sample location map and summary table are included as Appendix 25.

Based on the post-excavation soil sampling results, ENVISION requested the Spill Incident for the hydraulic oil release be closed out and proposed that the release be addressed under the existing VCP case. ENVISION's February 12, 2012 letter report provided the details of this activity.

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6.0 CONTAMINANT OCCURRENCE AND MOVEMENT

6.1 Waste Material

No evidence of waste material has been found over the course of the investigation.

6.2 Soil

Soil impacted by TPH and VOCs is all located under impervious cover. The majority is located beneath the Manufacturing Building and a small area is located under pavement adjacent to the northeast corner of the building. Figures 13 and 14 depict these areas in plan view, and Figures 20 and 21 depict these in cross-section. The lines of the sections are shown in Figure 5.

Under the northern part of the Manufacturing Building, TPH is primarily found in shallow soil. When VOCs are present, such as near the Baler, TPH can be present several feet below the floor. Soil contamination does not extend to the water table in this area.

In the central part of the Manufacturing Building, VOC impacted soil is present from immediately below the floor to the water table. TPH impact is typically found from immediately beneath the floor to several feet beneath it.

The source of the contaminants is from releases through cracks and joints in floors and shallow trenches. Where chlorinated solvents were used (parts cleaning and floor washing), contaminants reached greater depths. When there was sufficient volume of solvents released, this provided the driving force for contaminants to migrate to the water table, primarily in the Former Front End area. Less vertical migration occurred in the Current Front End area because the use of chlorinated solvents was decreasing when the Current Front End commenced operation. There is no ongoing contaminant migration in soil because of the change from VOC-based to water-based materials.

6.3 Surface Water

No surface water is present on, adjacent to, or in the immediate vicinity of the Site.

6.4 Groundwater

Shallow groundwater has been impacted by VOCs, primarily chlorinated VOCs. The area of impact is located beneath the Manufacturing Building and the paved areas north, northwest, and west of the Manufacturing Building. Groundwater and soil gas data do not indicate that impacted groundwater has migrated beyond the Site boundary (see Figure 22). The depth of impact is limited to shallow groundwater based on Site monitoring well data. Contaminant concentrations exhibit a significant decrease with time.

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6.5 Sediment

No sediment is present on, adjacent to, or in the vicinity of the Site.

6.6 Soil Vapor

Several chlorinated VOCs are present at elevated concentrations in subslab soil gas. The soil gas results show two (2) areas of elevated concentrations. The first area is located immediately around the Baler. The second area is located around the Former Front End. These areas generally correspond to the areas of shallow soil contamination.

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7.0 CONCEPTUAL SITE MODEL

The conceptual Site model has been developed to understand Site conditions, release history, exposure pathways, and contaminant fate and transport. It is based on Site history and geology, typical historic practices and conditions in aluminum beverage can manufacturing facilities, and data obtained in the investigations conducted to date. Cuppers, Bodymaker/Trimmers, and the Baler at these facilities are typically mounted on thick concrete foundations that are isolated from the main concrete floor slabs. The floor slab and foundation joints are sealed; however over time the seals typically deteriorate due to the vibration from the hydraulic equipment. Floor trench systems collect oil (water-soluble oil used to lubricate the aluminum and tramp oil released from the hydraulic systems) and direct it to collection sumps for treatment, recycling, and/or disposal. The concrete trenches may also develop cracks over time. During operations, the floors in these areas, especially the Bodymaker/Trimmer areas can become oily, and are routinely washed. Historically small quantities of 1,1,1-trichloroethane or other chlorinated solvents may have sometimes been used to remove the oil from the floor areas. Secondary operations included cleaning of parts and equipment (sometimes including steam cleaning), maintenance and repair activities, and similar operations sometimes used solvents (both chlorinated and non-chlorinated). These activities were sometimes conducted over convenient sections of the floor trench and sump systems. Solvent use decreased over time as these facilities transitioned to water-based coatings, and by the early to mid-1990s, the use of chlorinated solvents was typically discontinued. Thus, typical contaminants from early releases included chlorinated and non-chlorinated solvents, hydraulic oil, compressor oil, and elevated TPH concentrations due to water-soluble oils. Later releases typically did not include VOCs, reflecting the decrease in solvent use.

There are two (2) separate areas in the Manufacturing Building where the Front End (Cuppers and Bodymaker/Trimmers) has been/is located:

- The original Front End was located in the area south of the present Can Washer Chemical Storage Area from the commencement of manufacturing operations until the late 1980s/early 1990s.

- The current Front End is located north of the present Can Washer Chemical Storage Area.

The Baler has always been located in the same place, near the northeast corner of the Manufacturing Building. The release pathways in these areas were via breaches of integrity, primarily in the floor slab and floor slab/equipment foundation joints and shallow floor trenches/sumps. By the time the plant expanded manufacturing capabilities and constructed the current Front End, the use of chlorinated solvents was decreasing, and would have largely been discontinued within several years after the relocation of the Front End.

The released material would have slowly migrated laterally and downwards in each area as long as releases continued. Where oils were released with little or no solvents involved, impact tended to be localized immediately under the building floor and did not migrate extensively, either vertically or laterally. If sufficient solvent was released vertical migration could occur.

Locally, where sufficient released contaminant mass was present, contaminants reached the water table. The biodegradation of the oils, especially the water-soluble oils, would promote reducing conditions in the soil column and in groundwater, leading to reductive dechlorination of the chlorinated solvents and producing daughter compounds including 1,1-dichloroethene, 1,1-dichloroethane, chloroethane, and vinyl chloride due to degradation of 1,1,1-trichloroethane; and trichloroethene, cis-1,2-dichloroethene, and vinyl chloride from tetrachloroethene. The small amounts of chlorinated solvents released would not lead to vertical migration of dense non-aqueous phase liquid (DNAPL) below the water table, as evidenced by the lack of impact to deeper groundwater. The VOCs are adsorbed to organic carbon and fine-grained sediments in the soil column and in the smear zone.

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8.0 CLEANUP LEVELS

As noted in Section 1.0, ENVISION is developing Cleanup Levels in accordance with procedures in the MTCA. As part of this effort, the property owners will be consulted to determine if they will accept institutional and engineering controls as part of any Site remediation.

The proposed Cleanup Levels are expected to be submitted to the WA DOE during the 1st quarter 2016. The following lists the information and assumptions that will be used.

8.1 Soil

The current and likely future use of the Site is industrial, thus it is considered that the Reasonable Maximum Exposure is the industrial worker scenario. Soil Cleanup Levels will be developed based on the protection of industrial workers and short term exposure to construction workers. The possible exposure pathways are: direct contact (construction workers only, as all soil is located beneath impervious cover); inhalation of vapors from contaminated soil; and protection of groundwater. The groundwater data indicates that under the current Site conditions, the contaminant flux from soil to groundwater is limited. This will also be assessed to determine soil concentrations that are protective of groundwater.

8.2 Groundwater

Groundwater is currently not used as a drinking water source at the Site or downgradient of it. The aquifer will be assessed to determine if it is a potential drinking water source and Groundwater Cleanup Levels will be determined accordingly.

8.3 Soil Vapor

Based on the findings of the vapor intrusion assessment included in this report, only a few of the compounds that were detected in soil, groundwater, and subslab soil gas (tetrachloroethene, trichloroethene, 1,2,4-trimethylbenzene, and xylenes) are used or stored at the Site. The soil gas results exhibit exceedances of compounds that are present in soil and groundwater. Thus, according to guidance, the next step is the collection of indoor air samples (Tier II sampling).

The Draft VI Guidance states that “Ecology expects all Tier II indoor air sampling to be documented in a pre-investigation work plan (sampling and analysis plan and quality assurance project plan) and post-sampling report.” A sampling and analysis plan and quality assurance project plan will be prepared prior to sampling. The sampling results and the referenced documents will be submitted to WA DOE concurrently with the proposed Cleanup Levels, since these data will be needed to determine cleanup levels.

Since the Site is industrial, the Reasonable Maximum Exposure is the industrial worker scenario.

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9.0 AREAS REQUIRING CLEANUP

Although Cleanup Levels remain to be developed, the source areas for the contamination have been identified. The areas exhibiting elevated contaminant concentrations have been defined, along with the extent of the contamination in the impacted media.

9.1 Constituents of Concern

The constituents of concern are VOCs (primarily chlorinated VOCs) and TPH. Table 13 lists the specific compounds from these groups that have been identified in soil, groundwater and soil gas at the Site. Cleanup Levels will be developed and the contaminant concentrations will be compared to the Cleanup Levels to assess what actions will be required.

9.2 Soil

The areas of soil that exhibit impact and may require further action are:

- Immediately beneath the floor to the water table in the central part of the building (Former Front End);
- Immediately beneath the floor in the northern part of the Manufacturing Building (Baler and Current Front End). Impact at the water table in this area is limited;
- Shallow soil in the area of the Cuppers and extending to the Current Front End.

The approximate extents of these areas are identified on Figure 22.

9.3 Groundwater

The area of groundwater that exhibits impact and may require further action is beneath the Manufacturing Building extending west to North 2nd Avenue. The approximate extent of this area is identified on Figure 22.

9.4 Soil Vapor

The area of soil gas that exhibits impact is beneath the northern and central part of the Manufacturing Building. The approximate extent of this area is identified on Figure 22. The results of the proposed indoor air sampling will indicate if further action is warranted.

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10.0 REFERENCES

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Eckland Consultants, Inc., Phase I Environmental Assessment for Sun Life of Canada (US), American National Can Manufacturing Facility, 1220 North 2nd Street, Kent, King County, Washington, Comm. No. 2000-02734-0019, February 22, 2000.

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TABLES

Table 1
Areas of Concern - Potential Contaminants
REXAM Beverage Can Company
Kent, WA

Area of Concern	Potential Contaminants	Matrix Impacted	Comments
Current Front End	Lubricating Oils	Soil	
	Hydraulic Oils	Soil	
	Solvents	Soil, Groundwater, Soil gas	
	Metals	No metals impacts	
Schneider Filter Pit	Lubricating Oils	Soil	Impact is shallow, commingled with Baler and Current Front End.
	Hydraulic Oils	Soil	
	Solvents	Soil, Groundwater, Soil gas	
	Metals	No metals impacts	
Baler	Lubricating Oils	Soil	
	Hydraulic Oils	Soil	
	Solvents	Soil, Groundwater, Soil gas	
	Metals	No metals impacts	
Hydraulic Oil Release From Baler	Hydraulic Oils	Soil	Limited volume, adjacent to edge of pavement. Contamination remediated.
Former Front End	Lubricating Oils	Soil	
	Hydraulic Oils	Soil	
	Solvents	Soil, Groundwater, Soil gas	
	Metals	No metals impacts	
ASTs West of Manufacturing Building	Coatings	No impact found	
Former UST	Waste oil	No impact found	
Exterior Drum/Chemical Storage Area	Lubricating Oils	No impact found	
	Hydraulic Oils	No impact found	
	Solvents	No impact found	
Former Air Compressor Blowdown Rail Siding	Compressor oil	Soil, Groundwater	Contamination remediated

Table 1
Areas of Concern - Potential Contaminants
REXAM Beverage Can Company
Kent, WA

Area of Concern	Potential Contaminants	Matrix Impacted	Comments
Wastewater Treatment Building	Lubricating Oils	No impact found	
	Hydraulic Oils	No impact found	
	Solvents	Groundwater	Migrating from Former Front End
	Metals	No impact found	
Drum/Flammable Storage Room	Lubricating Oils	No impact found	
	Hydraulic Oils	No impact found	
	Solvents	No impact found	

ASTs - Aboveground Storage Tanks
UST - Underground Storage Tank

Table 2
Sampling/Exploration Summary Table
Rexam Beverage Can Company
Kent, WA

Matrix	Sample ID	Depth (Feet below grade)	Parameters	Sampling Method	Sample Date	Consulting Firm Performing Work
Soil	GP-TR-01	11-12	TPH-HCID, TCLP lead	Direct Push	11/2/1998	Earth Tech
Soil	GP-TR-02	11-12		Direct Push	11/2/1998	Earth Tech
Soil	GP-TR-03	11-12		Direct Push	11/2/1998	Earth Tech
Soil	B3	2-4	VOCs, SVOCs, PPM, TPH-HCID, TPH-GRO, TPH-DRO, TPH-Motor Oil	Hand auger/push probe	5/10/2001	PRK
Soil	B6	3-5		Hand auger/push probe	5/10/2001	PRK
Soil	B9	5-7		Hand auger/push probe	5/10/2001	PRK
Soil	B10	6-9		Hand auger/push probe	5/11/2001	PRK
Soil	B13	6-9		Hand auger/push probe	5/11/2001	PRK
Soil	B15	3-5		Hand auger/push probe	5/10/2001	PRK
Soil	B17*	1.5-2		Hand auger/push probe	5/10/2001	PRK
Groundwater	B1*	Water table	VOCs, SVOCs, PPM, TPH-HCID, TPH-GRO, TPH-DRO, TPH-Motor Oil	Peristaltic Pump	5/10/2001	PRK
Groundwater	B4*	Water table		Peristaltic Pump	5/10/2001	PRK
Groundwater	B6	Water table		Peristaltic Pump	5/11/2001	PRK
Groundwater	B9*	Water table		Peristaltic Pump	5/10/2001	PRK
Groundwater	B10	Water table		Peristaltic Pump	5/11/2001	PRK
Groundwater	B15*	Water table		Peristaltic Pump	5/10/2001	PRK
Soil	ETB-1-5	4-5	VOCs, TPH-Diesel Fuel, Extended Range	Direct Push	9/10/2001	Earth Tech
Soil	ETB-2-5	4-5		Direct Push	9/10/2001	Earth Tech
Soil	ETB-3-5	4-5		Direct Push	9/10/2001	Earth Tech
Soil	ETB-4-5	4-5		Direct Push	9/10/2001	Earth Tech
Soil	ETB-5-5	4-5		Direct Push	9/10/2001	Earth Tech
Soil	ETB-6-5	4-5		Direct Push	9/10/2001	Earth Tech
Soil	ETB-7-5	4-5		Direct Push	9/10/2001	Earth Tech
Soil	ETB-8-5	4-5		Direct Push	9/10/2001	Earth Tech
Soil	ETB-9-5	4-5		Direct Push	9/11/2001	Earth Tech
Soil	ETB-10-9	8-9		Direct Push	9/10/2001	Earth Tech
Soil	ETB-11-5	4-5		Direct Push	9/11/2001	Earth Tech
Soil	ETB-13-5	4-5		Direct Push	9/11/2001	Earth Tech
Soil	ETB-14-4	3-4		Direct Push	9/11/2001	Earth Tech
Groundwater	ETMW-1	Water table	VOCs, TPH-Diesel Fuel, Extended Range	Peristaltic Pump	9/12/2001	Earth Tech
Groundwater	ETMW-2	Water table		Peristaltic Pump	9/12/2001	Earth Tech
Groundwater	ETMW-3	Water table		Peristaltic Pump	9/12/2001	Earth Tech
Groundwater	ETMW-4	Water table		Peristaltic Pump	9/12/2001	Earth Tech
Groundwater	ETMW-5	Water table		Peristaltic Pump	9/12/2001	Earth Tech
Groundwater	ETMW-6	Water table		Peristaltic Pump	9/12/2001	Earth Tech
Soil	ETMW-6	4-5		Direct Push	9/11/2001	Earth Tech
Groundwater	ETMW-7	Water table		Peristaltic Pump	9/12/2001	Earth Tech
Groundwater	ETMW-2	Water table	VOCs, TPH-GRO, Total and Dissolved PPM, Total and Dissolved Hexavalent Chromium, Geochemistry	Peristaltic Pump	3/29/2005	ENVISION
Groundwater	ETMW-3	Water table		Peristaltic Pump	3/29/2005	ENVISION
Groundwater	ETMW-4	Water table		Peristaltic Pump	3/29/2005	ENVISION
Groundwater	ETMW-7	Water table		Peristaltic Pump	3/30/2005	ENVISION
Groundwater	MW-101	Water table		Peristaltic Pump	3/31/2005	ENVISION
Groundwater	MW-102	Water table		Peristaltic Pump	3/30/2005	ENVISION
Groundwater	MW-103	Water table		Peristaltic Pump	3/30/2005	ENVISION
Groundwater	MW-104	Water table		Peristaltic Pump	3/29/2005	ENVISION
Groundwater	MW-105	Water table		Peristaltic Pump	3/31/2005	ENVISION
Groundwater	MW-106	Water table		Peristaltic Pump	3/31/2005	ENVISION
Groundwater	MW-201	60.5		Submersible Pump	3/30/2005	ENVISION

Table 2
Sampling/Exploration Summary Table
Rexam Beverage Can Company
Kent, WA

Matrix	Sample ID	Depth (Feet below grade)	Parameters	Sampling Method	Sample Date	Consulting Firm Performing Work
Soil	EX-1	0.5-1.0	VOCs, SVOCs, PPM, Hexavalent Chromium, TPH - GRO, TPH - Diesel, TPH - Motor Oil	Trowel	9/21/2007	ENVISION
Soil	EX-2	1.0-1.5		Trowel	9/21/2007	ENVISION
Soil	EX-3	3.0-3.5		Trowel	9/21/2007	ENVISION
Soil	EX-4	2.5-3.0		Trowel	9/21/2007	ENVISION
Soil	EX-5	0.5-1.0		Trowel	9/21/2007	ENVISION
Soil	EX-6	1.0-1.5		Trowel	9/21/2007	ENVISION
Soil	EX-7	0.5-1.0		Trowel	9/21/2007	ENVISION
Soil	EX-8	2.5-3.0		Trowel	9/21/2007	ENVISION
Soil	EX-9	4.0-4.5		Trowel	9/21/2007	ENVISION
Soil	EX-10	2.5-3.0		Trowel	9/21/2007	ENVISION
Soil	EX-11	0.5-1.0		Trowel	9/21/2007	ENVISION
Soil	EX-12	1.0-1.5		Trowel	9/21/2007	ENVISION
Soil	EX 1-1	0 – 0.5 **	VOCs, SVOCs, PPM, Hexavalent Chromium, TPH - GRO, TPH - DRO, TPH - Motor Oil	Trowel	10/17/2007	ENVISION
Soil	EX 1-2	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 1-3	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 1-4	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 1-5	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 1-6	0 – 0.5 **		Trowel	10/18/2007	ENVISION
Soil	EX 1-7	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 1-8	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 1-9	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 1-10	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 1-6A	2 – 2.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 2-1	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 2-2	0 – 0.5 **		Trowel	10/18/2007	ENVISION
Soil	EX 2-3	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 2-4	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 2-5	0 – 0.5 **		Trowel	10/17/2007	ENVISION
Soil	EX 2-2A	2 – 2.5 **		Trowel	10/17/2007	ENVISION
Groundwater	ETMW-1	Water table	VOCs, SVOCs, Total and Dissolved PPM	Peristaltic Pump	6/17/2010	ENVISION
Groundwater	ETMW-2	Water table		Peristaltic Pump	6/16/2010	ENVISION
Groundwater	ETMW-3	Water table		Peristaltic Pump	6/16/2010	ENVISION
Groundwater	ETMW-7	Water table		Peristaltic Pump	6/17/2010	ENVISION
Groundwater	MW-101	Water table		Peristaltic Pump	6/17/2010	ENVISION
Groundwater	MW-102	Water table		Peristaltic Pump	6/17/2010	ENVISION
Groundwater	MW-103	Water table		Peristaltic Pump	6/16/2010	ENVISION
Groundwater	MW-104	Water table		Peristaltic Pump	6/16/2010	ENVISION
Groundwater	MW-105	Water table		Peristaltic Pump	6/17/2010	ENVISION
Groundwater	MW-106	Water table		Peristaltic Pump	6/16/2010	ENVISION
Groundwater	MW-107	Water table		Peristaltic Pump	6/16/2010	ENVISION
Groundwater	MW-201	60.5		Submersible Pump	6/16/2010	ENVISION
Groundwater	ETMW-2	Water table	VOCs, SVOCs, Total and Dissolved PPM, Geochemistry	Peristaltic Pump	4/12/2011	ENVISION
Groundwater	ETMW-3	Water table		Peristaltic Pump	4/12/2011	ENVISION
Groundwater	ETMW-7	Water table		Peristaltic Pump	4/12/2011	ENVISION
Groundwater	MW-101	Water table		Peristaltic Pump	4/14/2011	ENVISION
Groundwater	MW-102	Water table		Peristaltic Pump	4/14/2011	ENVISION
Groundwater	MW-103	Water table		Peristaltic Pump	4/13/2011	ENVISION
Groundwater	MW-104	Water table		Peristaltic Pump	4/13/2011	ENVISION
Groundwater	MW-105	Water table		Peristaltic Pump	4/14/2011	ENVISION
Groundwater	MW-106	Water table		Peristaltic Pump	4/13/2011	ENVISION
Groundwater	MW-107	Water table		Peristaltic Pump	4/13/2011	ENVISION
Groundwater	MW-201	60.5		Submersible Pump	4/13/2011	ENVISION

Table 2
Sampling/Exploration Summary Table
Rexam Beverage Can Company
Kent, WA

Matrix	Sample ID	Depth (Feet below grade)	Parameters	Sampling Method	Sample Date	Consulting Firm Performing Work
Soil Gas	SV-1	2.5	VOCs, SVOCs	Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-2	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-3	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-4	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-5	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-6	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-7	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-8	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-9	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-10	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-11	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-12	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-13	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-14	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-15	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-16	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-17	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-18	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-19	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-20	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-21	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-22	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-23	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-24	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-25	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-26	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-27	2.5		Tedlar Bag	4/11/2011	ENVISION
Soil Gas	SV-28	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-29	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-30	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-31	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-32	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-33	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-34	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-35	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-36	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-37	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-38	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-39	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-40	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-41	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-42	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-43	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-44	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-45	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-46	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-47	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-48	2.5		Tedlar Bag	4/12/2011	ENVISION
Soil Gas	SV-49	2.5		Tedlar Bag	4/12/2011	ENVISION

Table 2
Sampling/Exploration Summary Table
Rexam Beverage Can Company
Kent, WA

Matrix	Sample ID	Depth (Feet below grade)	Parameters	Sampling Method	Sample Date	Consulting Firm Performing Work
Groundwater	ETMW-2	Water table	VOCs, SVOCs, Total and Dissolved PPM, Geochemistry	Peristaltic Pump	7/7/2011	ENVISION
Groundwater	ETMW-3	Water table		Peristaltic Pump	7/7/2011	ENVISION
Groundwater	ETMW-7	Water table		Peristaltic Pump	7/7/2011	ENVISION
Groundwater	MW-101	Water table		Peristaltic Pump	7/8/2011	ENVISION
Groundwater	MW-102	Water table		Peristaltic Pump	7/8/2011	ENVISION
Groundwater	MW-103	Water table		Peristaltic Pump	7/7/2011	ENVISION
Groundwater	MW-104	Water table		Peristaltic Pump	7/7/2011	ENVISION
Groundwater	MW-105	Water table		Peristaltic Pump	7/8/2011	ENVISION
Groundwater	MW-106	Water table		Peristaltic Pump	7/8/2011	ENVISION
Groundwater	MW-107	Water table		Peristaltic Pump	7/7/2011	ENVISION
Groundwater	MW-201	60.5		Submersible Pump	7/7/2011	ENVISION
Soil	SB-101	0.75 - 1.75	VOCs, SVOCs, PPM, TPH - GRO, TPH - Diesel, TPH - Motor Oil	Direct Push	7/6/2011	ENVISION
Soil		3.5-4.5		Direct Push	7/6/2011	ENVISION
Soil		6.5-7.5		Direct Push	7/6/2011	ENVISION
Soil		10.0-11.0		Direct Push	7/6/2011	ENVISION
Soil	SB-102	0.75 - 1.75		Direct Push	7/6/2011	ENVISION
Soil		6.5 -7.5		Direct Push	7/6/2011	ENVISION
Soil		9.5 -10.5		Direct Push	7/6/2011	ENVISION
Soil	SB-103	0.75-1.75		Direct Push	7/6/2011	ENVISION
Soil		6.5-7.5		Direct Push	7/6/2011	ENVISION
Soil		9.0-10.0		Direct Push	7/6/2011	ENVISION
Soil	SB-104	0.75-1.75		Direct Push	7/6/2011	ENVISION
Soil		3.5 - 4.5		Direct Push	7/6/2011	ENVISION
Soil		6.5 - 7.5		Direct Push	7/6/2011	ENVISION
Soil		10.0 - 11.0		Direct Push	7/6/2011	ENVISION
Soil	SB105	1.0-2.0		Direct Push	7/6/2011	ENVISION
Soil		9.5-10.5		Direct Push	7/6/2011	ENVISION
Soil	SB106	0.5-1.5		Direct Push	7/6/2011	ENVISION
Soil		9.5-10.5		Direct Push	7/6/2011	ENVISION
Soil	SB107	0.5-1.5		Direct Push	7/6/2011	ENVISION
Soil		9.5-10.5		Direct Push	7/6/2011	ENVISION
Soil	SB108	0.5-1.5		Direct Push	7/6/2011	ENVISION
Soil		6.5-7.5		Direct Push	7/6/2011	ENVISION
Soil		10.0-11.0		Direct Push	7/6/2011	ENVISION
Soil	SB109	1.0-2.0		Direct Push	7/6/2011	ENVISION
Soil		10.5 - 11.5		Direct Push	7/6/2011	ENVISION
Soil	SB110	1.0 - 2.0		Direct Push	7/6/2011	ENVISION
Soil		11.0 - 12.0		Direct Push	7/6/2011	ENVISION
Soil		15.0 - 16.0		Direct Push	7/6/2011	ENVISION
Soil	SB111	0.75 - 1.75		Direct Push	7/6/2011	ENVISION
Soil		4.25 - 5.25		Direct Push	7/6/2011	ENVISION
Soil		9.5 - 10.5		Direct Push	7/6/2011	ENVISION
Soil	SB112	0.25 - 1.25		Direct Push	7/6/2011	ENVISION
Soil		6.0 - 7.0		Direct Push	7/6/2011	ENVISION
Soil	SB113	0.25 - 1.25		Direct Push	7/6/2011	ENVISION
Soil		4.5 - 5.5		Direct Push	7/6/2011	ENVISION
Soil	SB114	0.25 - 1.25		Direct Push	7/6/2011	ENVISION
Soil		4.0 - 5.0		Direct Push	7/6/2011	ENVISION
Soil	SB115	0.25 - 1.25		Direct Push	7/6/2011	ENVISION
Soil		3.0 - 4.0		Direct Push	7/6/2011	ENVISION
Soil	SB116	0.5 - 1.5		Direct Push	7/6/2011	ENVISION
Soil		6.5 - 7.5		Direct Push	7/6/2011	ENVISION

Table 2
Sampling/Exploration Summary Table
Rexam Beverage Can Company
Kent, WA

Matrix	Sample ID	Depth (Feet below grade)	Parameters	Sampling Method	Sample Date	Consulting Firm Performing Work
Groundwater	ETMW-2	Water table	VOCs, Total and Dissolved PPM, Geochemistry	Peristaltic Pump	11/16/2011	ENVISION
Groundwater	ETMW-3	Water table		Peristaltic Pump	11/16/2011	ENVISION
Groundwater	ETMW-7	Water table		Peristaltic Pump	11/16/2011	ENVISION
Groundwater	MW-101	Water table		Peristaltic Pump	11/17/2011	ENVISION
Groundwater	MW-102	Water table		Peristaltic Pump	11/17/2011	ENVISION
Groundwater	MW-103	Water table		Peristaltic Pump	11/16/2011	ENVISION
Groundwater	MW-104	Water table		Peristaltic Pump	11/17/2011	ENVISION
Groundwater	MW-106	Water table		Peristaltic Pump	11/17/2011	ENVISION
Groundwater	MW-107	Water table		Peristaltic Pump	11/17/2011	ENVISION
Groundwater	MW-201	60.5		Submersible Pump	11/17/2011	ENVISION
Soil	SB201A	0.0-0.5	TPH - Diesel, TPH - Motor Oil, PAHs	Direct Push	12/29/2011	ENVISION
Soil	SB202A	0.0-0.5		Direct Push	12/29/2011	ENVISION
Soil	SB203A	0.0-0.5		Direct Push	12/29/2011	ENVISION
Soil	SB204A	0.3-0.8		Direct Push	12/29/2011	ENVISION
Soil	SB205B	2.0-2.5		Direct Push	12/29/2011	ENVISION
Soil	SB205A	0.0-0.5		Direct Push	12/29/2011	ENVISION
Soil	SB206A	0.5-1.0		Direct Push	12/29/2011	ENVISION
Soil	SB206B	1.5-2.0		Direct Push	12/29/2011	ENVISION
Soil	SB206C	2.0-2.5		Direct Push	12/29/2011	ENVISION
Soil	SB206D	3.5-4.0		Direct Push	12/29/2011	ENVISION
Soil	SB207A	1.5-2.0		Direct Push	12/29/2011	ENVISION
Soil	SB207B	2.0-2.5		Direct Push	12/29/2011	ENVISION
Soil	SB208A	1.5-2.0		Direct Push	12/29/2011	ENVISION
Soil	SB208B	2.0-2.5		Direct Push	12/29/2011	ENVISION
Soil	SB209A	1.5-2.0		Direct Push	12/29/2011	ENVISION
Soil	SB209B	2.0-2.5		Direct Push	12/29/2011	ENVISION
Groundwater	ETMW-2	Water table	VOCs, Total and Dissolved PPM, Geochemistry	Peristaltic Pump	4/24/2012	ENVISION
Groundwater	ETMW-3	Water table		Peristaltic Pump	4/24/2012	ENVISION
Groundwater	ETMW-7	Water table		Peristaltic Pump	4/24/2012	ENVISION
Groundwater	MW-101	Water table		Peristaltic Pump	4/25/2012	ENVISION
Groundwater	MW-102	Water table		Peristaltic Pump	4/25/2012	ENVISION
Groundwater	MW-103	Water table		Peristaltic Pump	4/24/2012	ENVISION
Groundwater	MW-104	Water table		Peristaltic Pump	4/24/2012	ENVISION
Groundwater	MW-106	Water table		Peristaltic Pump	4/25/2012	ENVISION
Groundwater	MW-107	Water table		Peristaltic Pump	4/24/2012	ENVISION
Groundwater	MW-201	60.5		Submersible Pump	4/25/2012	ENVISION

Table 2
Sampling/Exploration Summary Table
Rexam Beverage Can Company
Kent, WA

Matrix	Sample ID	Depth (Feet below grade)	Parameters	Sampling Method	Sample Date	Consulting Firm Performing Work
Soil	SB301A	0.5-1.5	VOCs, TPH - Gx, TPH - Dx, TPH - Motor Oil	Direct Push	5/20/2014	ENVISION
Soil	SB301B	3.5-4.5		Direct Push	5/20/2014	ENVISION
Soil	SB301C	6.5-7.5				
Soil	SB301D	11-12		Direct Push	5/20/2014	ENVISION
Soil	SB302A	1-2		Direct Push	5/21/2014	ENVISION
Soil	SB302B	3.5-4.5		Direct Push	5/21/2014	ENVISION
Soil	SB302C	7-8		Direct Push	5/21/2014	ENVISION
Soil	SB302D	11-12		Direct Push	5/21/2014	ENVISION
Soil	SB303A	0.5-1.5		Direct Push	5/21/2014	ENVISION
Soil	SB303B	3.5-4.5		Direct Push	5/21/2014	ENVISION
Soil	SB303C	6.5-7.5		Direct Push	5/21/2014	ENVISION
Soil	SB303D	8.5-9.5		Direct Push	5/21/2014	ENVISION
Soil	SB304A	0.5-1.5		Direct Push	5/21/2014	ENVISION
Soil	SB304B	3.5-4.5		Direct Push	5/21/2014	ENVISION
Soil	SB304C	7-8		Direct Push	5/21/2014	ENVISION
Soil	SB304D	8-9		Direct Push	5/21/2014	ENVISION
Soil	SB311A	0.5-1.5		Direct Push	5/21/2014	ENVISION
Soil	SB311B	2-3		Direct Push	5/21/2014	ENVISION
Soil	SB311C	6-7		Direct Push	5/21/2014	ENVISION
Soil	SB312A	0.5-1.5		Direct Push	5/21/2014	ENVISION
Soil	SB312B	2-3		Direct Push	5/21/2014	ENVISION
Soil	SB312C	5.5-6.5		Direct Push	5/21/2014	ENVISION
Soil	SB313A	0.5-1.5		Direct Push	5/21/2014	ENVISION
Soil	SB313B	2-3		Direct Push	5/21/2014	ENVISION
Soil	SB313C	6-7		Direct Push	5/21/2014	ENVISION
Soil	SB314A	0.5-1.5		Direct Push	5/20/2014	ENVISION
Soil	SB314B	4.25-5.25		Direct Push	5/20/2014	ENVISION
Soil	SB314C	11-12		Direct Push	5/20/2014	ENVISION
Soil	SB315A	0.5-1.5		Direct Push	5/20/2014	ENVISION
Soil	SB315B	4.25-5.25		Direct Push	5/20/2014	ENVISION
Soil	SB315C	7-8		Direct Push	5/20/2014	ENVISION
Soil	SB316A	0.5-1.5		Direct Push	5/21/2014	ENVISION
Soil	SB316B	4.25-5.25		Direct Push	5/21/2014	ENVISION
Soil	SB316C	9-10		Direct Push	5/21/2014	ENVISION
Soil	SB204RA	0.3-0.8		Direct Push	5/21/2014	ENVISION
Groundwater	ETMW-2	Water table	VOCs, Geochemistry	Peristaltic Pump	5/21/2014	ENVISION
Groundwater	ETMW-3	Water table		Peristaltic Pump	5/21/2014	ENVISION
Groundwater	ETMW-7	Water table		Peristaltic Pump	5/21/2014	ENVISION
Groundwater	MW-101	Water table		Peristaltic Pump	5/22/2014	ENVISION
Groundwater	MW-102	Water table		Peristaltic Pump	5/22/2014	ENVISION
Groundwater	MW-103	Water table		Peristaltic Pump	5/21/2014	ENVISION
Groundwater	MW-104	Water table		Peristaltic Pump	5/22/2014	ENVISION
Groundwater	MW-105R	Water table		Peristaltic Pump	5/22/2014	ENVISION
Groundwater	MW-106	Water table		Peristaltic Pump	5/22/2014	ENVISION
Groundwater	MW-107	Water table		Peristaltic Pump	5/21/2014	ENVISION
Groundwater	MW-108	Water table		Peristaltic Pump	5/22/2014	ENVISION
Groundwater	MW-201	60.5		Submersible Pump	5/22/2014	ENVISION

Table 2
Sampling/Exploration Summary Table
Rexam Beverage Can Company
Kent, WA

Matrix	Sample ID	Depth (Feet below grade)	Parameters	Sampling Method	Sample Date	Consulting Firm Performing Work
Groundwater	ETMW-2	Water table	VOCs	Peristaltic Pump	2/10/2015	ENVISION
Groundwater	ETMW-3	Water table		Peristaltic Pump	2/10/2015	ENVISION
Groundwater	ETMW-7	Water table		Peristaltic Pump	2/10/2015	ENVISION
Groundwater	MW-101	Water table		Peristaltic Pump	2/10/2015	ENVISION
Groundwater	MW-102	Water table		Peristaltic Pump	2/11/2015	ENVISION
Groundwater	MW-103	Water table		Peristaltic Pump	2/10/2015	ENVISION
Groundwater	MW-104	Water table		Peristaltic Pump	2/10/2015	ENVISION
Groundwater	MW-105R	Water table		Peristaltic Pump	2/11/2015	ENVISION
Groundwater	MW-106	Water table		Peristaltic Pump	2/10/2015	ENVISION
Groundwater	MW-107	Water table		Peristaltic Pump	2/10/2015	ENVISION
Groundwater	MW-108	Water table		Peristaltic Pump	2/11/2015	ENVISION
Groundwater	MW-201	60.5		Submersible Pump	2/10/2015	ENVISION

TICs = Tentatively Identified Compounds.
VOC+15 - Volatile Organic Compounds and TICs.
B/N+15 - Base/Neutral Extractable (Semi-Volatile) Compounds and TICs.
PPM = Priority Pollutant Metals.
TPH-HCID = Total Petroleum Hydrocarbons (NWTPH-HCID Method)
TCLP = Toxicity Characteristic Leaching Procedure
TPH-GRO = Total Petroleum Hydrocarbons (NWTPH-Gx Method)
TPH-DRO = Total Petroleum Hydrocarbons (NWTPH-Dx Method)
TPH-Motor Oil = Total Petroleum Hydrocarbons (NWTPH-Dx Method)
TPH-Diesel Fuel Extended Range = Total Petroleum Hydrocarbons (Method NWTPH-Dx Extended range) reported as Kerosene/Jet Fuel, Diesel Fuel, Heavy Oil
Geochemistry = Natural Attenuation Monitoring
* = TPH detected in TPH-HCID analysis. Sample then analyzed for TPH GRO, TPH-DRO and TPH-Motor oil via NWTPH Gx and Dx methods.
** = From top of soil beneath floor
Duplicate and blank samples not listed.

Table 3
Quality Control/Quality Assurance Summary Table
REXAM BEVERAGE CAN COMPANY
Kent, WA

Matrix	Number/Frequency of Blanks		Parameter	Analytical Method	Container	Sample Holding Time	Preservative
	Field Blanks (per day)	Trip Blanks					
Soil	1	1 per cooler	VOC+15	USEPA 8260B or 8260C	Three 40-ml glass, teflon septum, one 60 ml amber glass	48 hours to freeze, 14 days analysis	Two (2) DI water; one (1) MeOH; amber glass unpreserved; Ice 4° C.
	1	1 per cooler	TPH-GRO	NWTPH-Gx	Three 40-ml glass, teflon septum, one 60 ml amber glass	48 hours to freeze, 14 days analysis	Two (2) DI water; one (1) MeOH; amber glass unpreserved; Ice 4° C.
	1	None	BN+15, PAH	USEPA 8270C	One (1) 4-oz. glass	14 days extraction, 40 days analysis	Ice 4° C.
	1	None	PPM	USEPA 6010B/7470A	One (1) 4-oz. glass	6 months, except Hg is 28 days	Ice 4° C.
	1	None	TPH, DRO, TPH - Motor Oil	NWTPH - Dx	One (1) 4-oz. glass	14 days extraction, 40 days analysis	Ice 4° C.
	1	None	Hexavalent chromium	USEPA 7195/6010B	One (1) 4-oz. glass	30 days	Ice 4° C.

Table 3
Quality Control/Quality Assurance Summary Table
REXAM BEVERAGE CAN COMPANY
Kent, WA

Matrix	Number/Frequency of Blanks		Parameter	Analytical Method	Container	Sample Holding Time	Preservative
	Field Blanks (per day)	Trip Blanks					
Groundwater	1	1 per cooler	VOC+15	USEPA 8260B or 8260C	Three (3) 40-ml glass, teflon septum	14 days	Hydrochloric Acid*, ice 4° C
	1	1 per cooler	1,4-Dioxane	USEPA 8260C SIM	Three (3) 40-ml glass, teflon septum	14 days	Hydrochloric Acid, ice 4° C
	1	None	BN+15	USEPA 8270C	One (1) 1-l amber glass	7 days extraction, 40 days analysis	Ice 4° C.
	1	None	Total PPM (except Mercury), Iron	USEPA Method 200.8	One (1) 500 ml plastic	6 months	Nitric acid, ice 4° C.
	1	None	Total Mercury	USEPA Method 1631E or 7470	One (1) 500 ml plastic	28 days	Nitric acid, ice 4° C.
	1	None	Dissolved PPM (except Mercury), Iron	USEPA Method 200.8	One (1) 500 ml plastic	6 months	Nitric acid, ice 4° C.
	1	None	Dissolved Mercury	USEPA Method 1631E or 7470	One (1) 500 ml plastic	28 days	Nitric acid, ice 4° C.
	None	None	Methane, Ethane, Ethene	RSK-175	Three (3) 40-ml glass, teflon septum	14 days	Hydrochloric Acid, ice 4° C
	None	None	Nitrite	SM4500	One (1) 500 ml plastic	28 days	Ice 4° C.
	None	None	Nitrate	SM4500	One (1) 500 ml plastic	48 hours	Ice 4° C.
	None	None	Total Organic Carbon	SM5310B	One (1) 500 ml plastic	28 days	Hydrochloric Acid, ice 4° C
	None	None	Alkalinity	SM2320B	One (1) 500 ml plastic	14 days	Ice 4° C.
	None	None	Biochemical Oxygen Demand	SM5210B	One (1) 1 l plastic	48 hours	Ice 4° C.
	None	None	Chemical Oxygen Demand	M5220C	One (1) 500 ml plastic	28 days	Sulfuric acid, ice 4° C.
	None	None	Sulfide	SM4500	One (1) 500 ml plastic	48 hours	Zinc acetate and sodium hydroxide, ice 4° C.
	None	None	Total Dissolved Solids	SM2540C	One (1) 500 ml plastic	7 days	Ice 4° C.
	None	None	Total Dissolved Solids	SM2540D	One (1) 500 ml plastic	7 days	Ice 4° C.

Table 3
Quality Control/Quality Assurance Summary Table
REXAM BEVERAGE CAN COMPANY
Kent, WA

Matrix	Number/Frequency of Blanks		Parameter	Analytical Method	Container	Sample Holding Time	Preservative
	Field Blanks (per day)	Trip Blanks					
Subslab Soil Gas	None	1	VOC+TICs	USEPA 8260B	One (1) Tedlar Bag	48 hours	None
	None	None	SVOC + TICs	USEPA 8270C	One (1) Tedlar Bag	48 hours	None

VOC+15 = Volatile Organic Compounds and first 15 TICs.
BN+15 = Base Neutral Extractables and first 15 TICs
PPM = Priority Pollutant Metals
SIM = Selected Ion Monitoring
TPH = Total Petroleum Hydrocarbons
NWTPH = Northwest Total Petroleum Hydrocarbon Method
TICs = Tentatively Identified Compounds.
USEPA = United States Environmental Protection Agency.
$MeOH^{-}$ = Methanol
ml = milliliter
l = liter
oz. = ounce
°C = Degrees Celsius
* = based on SW-846 Method Revisions, unpreserved 40ml glass containers, Teflon septum supplied for vinyl chloride analysis beginning November, 2011

Table 4
Summary of Detected Analytes, Soil
EARTHTECH UST Removal
Rexam Beverage Can Company, Kent, WA

Sample ID	MTCA Method A Cleanup Levels Industrial Soil	GP-TR-01	GP-TR-02	GP-TR-03
Date		11/2/1998	11/2/1998	11/2/1998
Depth (feet bgs)		11-12	11-12	11-12
Total Petroleum Hydrocarbons (mg/Kg)				
NWTPH-HCID				
Gasoline	NS	ND	ND	ND
Diesel	NS	ND	ND	ND
Heavy Oil	NS	ND	ND	ND
TCLP Lead (mg/l)	NS	ND	ND	ND

MTCA = Model Toxics Control Act
ND - Not detected above reported detection limit
mg/Kg - milligrams per kilogram
mg/l - milligrams per liter
bgs - below ground surface
NS = No MTCA Method A Cleanup Level
NWTPH-HCID - Northwest Total Petroleum Hydrocarbons - Hydrocarbon Identification Method
TCLP = Toxicity Characteristic Leaching Procedure

Table 5
Summary of Detected Analytes, Soil
PRK Phase II Environmental Site Assessment
REXAM Beverage Can Company
Kent, WA

Sample ID	MTCA Method A Cleanup Levels Industrial Soil	B3-2'-4'	B6-3'-5'	B9-5'-7'	B10-6'-9'	B13-6'-9'	B15-3'-5'	B17-18"-25"
Date		5/10/2001	5/10/2001	5/10/2001	5/11/2001	5/11/2001	5/10/2001	5/10/2001
Depth (feet bgs)		2-4	3-5	5-7	6-9	6-9	3-5	1.5-2.1
Volatile Organic Compounds (µg/Kg)								
Vinyl chloride	NS	0.70	ND	ND	ND	ND	ND	ND
Chloroethane	NS	3.9	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	0.86	ND	ND	ND	ND	ND	ND
Methylene Chloride	20	ND	ND	0.29	0.32	0.29	ND	ND
1,1-Dichloroethane	NS	11	ND	ND	ND	ND	1.3	36
1,1,1-Trichloroethane	2000	ND	ND	ND	ND	ND	1.8	ND
Benzene	30	ND	0.43	0.74	0.80	0.83	ND	ND
Trichloroethene	30	ND	0.22	0.46	0.61	0.49	0.26	ND
Toluene	7000	0.50	0.69	1.1	1.7	1.3	0.73	28
Tetrachloroethene	50	ND	ND	ND	ND	ND	ND	**110**
Ethylbenzene	6000	ND	ND	ND	ND	ND	ND	49
m-Xylene & p-Xylene	9,000**	ND	ND	ND	ND	0.48	ND	860
o-Xylene	9,000**	ND	ND	ND	ND	ND	1.2	510
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	0.72	160
N-Propylbenzene	NS	ND	ND	ND	ND	ND	2.9	260
1,3,5-Trimethylbenzene	NS	ND	ND	ND	ND	ND	13	590
1,2,4-Trimethylbenzene	NS	0.28	ND	ND	ND	0.31	34	1,400
p-Isopropyltoluene	NS	0.23	ND	ND	0.27	0.28	1.0	230
n-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	460
Naphthalene	5,000*	ND	ND	ND	ND	ND	ND	140

Table 5
Summary of Detected Analytes, Soil
PRK Phase II Environmental Site Assessment
REXAM Beverage Can Company
Kent, WA

Sample ID	MTCA Method A Cleanup Levels Industrial Soil	B3-2'-4'	B6-3'-5'	B9-5'-7'	B10-6'-9'	B13-6'-9'	B15-3'-5'	B17-18"-25"
Date		5/10/2001	5/10/2001	5/10/2001	5/11/2001	5/11/2001	5/10/2001	5/10/2001
Depth (feet bgs)		2-4	3-5	5-7	6-9	6-9	3-5	1.5-2.1
Semivolatile Organic Compounds (µg/Kg)								
Phenol	NS	1,200	550	420	660	NA	600	ND
1,4-Dichlorobenzene	NS	ND	ND	ND	ND	NA	ND	33
1,2-Dichlorobenzene	NS	ND	ND	ND	ND	NA	ND	50
3 & 4 Methylphenol (m&p-cresol)	NS	ND	ND	ND	ND	NA	25	1,900
n-Nitroso-di-n-propylamine	NS	ND	ND	ND	240	NA	ND	ND
Benzoic acid	NS	ND	310	120	ND	NA	ND	ND
Naphthalene	5,000*	ND	ND	ND	ND	NA	190	350
2-Methylnaphthalene	5,000*	ND	ND	ND	ND	NA	250	110
Dimethyl phthalate	NS	ND	ND	ND	ND	NA	ND	110
4-Nitrophenol	NS	ND	ND	ND	ND	NA	230	ND
Diethyl phthalate	NS	ND	ND	ND	ND	NA	ND	210
n-Nitrosodiphenylamine	NS	ND	ND	ND	ND	NA	750	ND
Phenanthrene	NS	ND	ND	ND	ND	NA	87	ND
Fluoranthene	NS	ND	ND	ND	ND	NA	22	ND
Pyrene	NS	ND	ND	ND	ND	NA	170	ND
bis(2-Ethylhexyl)phthalate (DEHP)	NS	ND	ND	ND	ND	NA	14,000	1,000
bis(2-Chloroisopropyl)ether	NS	ND	ND	ND	ND	NA	900	ND
Dibenzo(a,h)anthracene	2,000***	ND	ND	ND	ND	NA	66	ND
Total Petroleum Hydrocarbons								
NWTPH-HCID								
Gasoline (mg/Kg)	NS	ND	ND	ND	ND	ND	ND	detected
Diesel (mg/Kg)	NS	ND	ND	ND	ND	ND	ND	detected
Motor Oil (mg;Kg)	NS	ND	ND	ND	ND	ND	ND	detected
NWTPH-Diesel (Mg/Kg)	2,000	NA	NA	NA	NA	NA	NA	1,800
NWTPH-Motor Oil (Mg/Kg)	2,000	NA	NA	NA	NA	NA	NA	**5,900**

Table 5
Summary of Detected Analytes, Soil
PRK Phase II Environmental Site Assessment
REXAM Beverage Can Company
Kent, WA

Sample ID	MTCA Method A Cleanup Levels Industrial Soil	B3-2'-4'	B6-3'-5'	B9-5'-7'	B10-6'-9'	B13-6'-9'	B15-3'-5'	B17-18"-25"
Date		5/10/2001	5/10/2001	5/10/2001	5/11/2001	5/11/2001	5/10/2001	5/10/2001
Depth (feet bgs)		2-4	3-5	5-7	6-9	6-9	3-5	1.5-2.1
Metals (mg/Kg)								
Arsenic	20	ND	ND	ND	3.7	NA	ND	ND
Barium	NS	69	59	61	87	NA	61	40
Chromium (trivalent)	2000 ‡	41	25	26	22	NA	25	59
Copper	NS	18	27	27	34	NA	95	22
Iron	NS	NA	NA	NA	NA	NA	NA	14,000
Lead	1,000	4.3	2.7	3.7	4	NA	4.6	3.3
Nickel	NS	28	15	14	8.2	NA	19	33
Thallium	NS	ND	ND	5	ND	NA	ND	ND
Zinc	NS	37	28	30	36	NA	48	19
Mercury	2	0.05	0.045	0.046	0.065	NA	0.059	0.038

MTCA - Model Toxics Control Act
Only analytes with at least one detection listed
ND - Not detected above reported detection limit
NA - Not analyzed
µg/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
bgs - below ground surface
NS - No MTCA Method A Cleanup Level established.
Shaded values exced MTCA Method A Cleanup Level
NWTPH - Northwest Total Petroleum Hydrocarbons - Hydrocarbon Identification Method
* = Total of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene
** = Total xylenes
*** = Total concentration that all carginogenic PAHs must meet using the toxicity equivalency methodology in WAC 173-340-708(8)
‡ = Standard for hexavalent chromium is 19 mg/Kg; analysis was for trivalent chromium.
Shaded entries exceed a Method A Cleanup Level

Table 6
Summary of Detected Analytes, Soil
EARTHTECH Phase II - Limited Environmental Site Assessment
Rexam Beverage Can Company, Kent, WA

Sample ID	MTCA Method A Cleanup Levels Industrial Soil	ETB-1-5	ETB-2-5	ETB-3-5	ETB-4-5	ETB-5-5
Date		9/10/2001	9/10/2001	9/10/2001	9/10/2001	9/10/2001
Depth (feet bgs)		4-5	4-5	4-5	4-5	4-5
Volatile Organic Compounds (µg/Kg)						
Toluene	7,000	**17,000**	ND	ND	ND	ND
Ethylbenzene	6,000	250	ND	ND	ND	ND
m-Xylene	9,000	1,200	ND	ND	ND	ND
Total Petroleum Hydrocarbons						
NWTPH-Kerosene/Jet Fuel (mg/Kg)	2,000	ND	ND	ND	ND	ND
NWTPH-Diesel (mg/Kg)	2,000	ND	ND	ND	ND	ND
NWTPH-Heavy Oil (mg/Kg)	2,000	ND	ND	ND	ND	ND

MTCA = Model Toxics Control Act
ND - Not detected above reported detection limit
µg/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
bgs - below ground surface
Shaded value exceeds MTCA Method A Cleanup level
NWTPH - Northwest Total Petroleum Hydrocarbons

Table 6
Summary of Detected Analytes, Soil
EARTHTECH Phase II - Limited Environmental Site Assessment
Rexam Beverage Can Company, Kent, WA

Sample ID	ETB-6-5	ETB-7-5	ETB-8-5	ETB-8-5/DUP	ETB-9-5	ETB-10-9	ETB-11-5
Date	9/10/2001	9/10/2001	9/10/2001	9/10/2001	9/11/2001	9/10/2001	9/11/2001
Depth (feet bgs)	4-5	4-5	4-5	4-5	4-5	8-9	4-5
Volatile Organic Compounds (µg/Kg)							
Toluene	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND
m-Xylene	ND	ND	ND	ND	ND	ND	ND
Total Petroleum Hydrocarbons							
NWTPH-Kerosene/Jet Fuel (mg/Kg)	ND	ND	ND	ND	ND	ND	ND
NWTPH-Diesel (mg/Kg)	ND	ND	ND	ND	ND	ND	ND
NWTPH-Heavy Oil (mg/Kg)	ND	ND	ND	ND	ND	ND	ND

MTCA = Model Toxics Control Act
ND - Not detected above reported detection limit
µg/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
bgs - below ground surface
Shaded value exceeds MTCA Method A Cleanup level
NWTPH - Northwest Total Petroleum Hydrocarbons

Table 6
Summary of Detected Analytes, Soil
EARTHTECH Phase II - Limited Environmental Site Assessment
Rexam Beverage Can Company, Kent, WA

Sample ID	ETB-13-5	ETB-14-4	ETB-14-4/DUP	ETMW-6-5
Date	9/11/2001	9/11/2001	9/10/2001	9/11/2001
Depth (feet bgs)	4-5	3-4	3-4	4-5
Volatile Organic Compounds (µg/Kg)				
Toluene	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
m-Xylene	ND	ND	ND	ND
Total Petroleum Hydrocarbons				
NWTPH-Kerosene/Jet Fuel (mg/Kg)	ND	ND	ND	ND
NWTPH-Diesel (mg/Kg)	ND	ND	ND	ND
NWTPH-Heavy Oil (mg/Kg)	ND	ND	ND	ND

MTCA = Model Toxics Control Act
ND - Not detected above reported detection limit
µg/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
bgs - below ground surface
Shaded value exceeds MTCA Method A Cleanup level
NWTPH - Northwest Total Petroleum Hydrocarbons

Table 7
Summary of Groundwater Analytical Results, 2001
REXAM BEVERAGE CAN COMPANY
Kent, WA

Sample ID	Model Toxics Control Act - Groundwater	B1	B4	B6	B9	B10	B15	ETMW-1	ETMW-2	ETMW-3	ETMW-4	ETMW-5	ETMW-6	ETMW-7
Collected by		PRK	PRK	PRK	PRK	PRK	PRK	ET	ET	ET	ET	ET	ET	ET
Year	Method A Cleanup Levels	5/2001	5/2001	5/2001	5/2001	5/2001	5/2001	9/2001	9/2001	9/2001	9/2001	9/2001	9/2001	9/2001
ANALYTICAL PARAMETERS														
Petroleum Hydrocarbons (mg/l)														
NWTPH-Gx	0.800/1.000*	0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NWTPH-Dx	0.5	3.4	0.84	NA	0.35	NA	0.26	ND	ND	ND	ND	ND	ND	ND
NWTPH - Kerosene/Jet fuel	0.5	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
NWTPH-Oil	0.5	19	1.9	NA	0.72	NA	0.74	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (µg/l)														
Vinyl chloride	0.2	3	700	3.5	0.36	ND	0.63	1,900	ND	ND	ND	ND	ND	ND
Chloroethane	NS	45	5900	ND	3.1	ND	5.8	12,000	ND	ND	ND	4,000	6,300	ND
1,1-Dichloroethene	NS	16	1800	ND	2.4	ND	3.6	2,550	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	73	ND	ND	ND	ND	120	ND	ND	ND	3.1	48	ND
trans-1,2-Dichloroethene	NS	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	240	24,000	0.17	39	ND	41	63,000	ND	ND	ND	7.8	12	ND
1,2-Dichloroethane (EDC)	5	ND	87	ND	ND	ND	ND	120	ND	ND	ND	5.0	3.1	ND
cis-1,2-Dichloroethene	NS	1.2	110	0.083	0.086	ND	0.16	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	170	27,000	0.21	67	0.15	6.5	32,000	ND	ND	ND	ND	ND	ND
Benzene	5	ND	2.3	ND	ND	0.1	ND	4.0	ND	ND	ND	ND	ND	ND
Trichloroethene	5	1.6	83	ND	0.12	ND	0.21	110	ND	ND	ND	ND	ND	ND
Toluene	1,000	1.7	70	0.11	0.22	0.26	0.29	150	ND	ND	ND	ND	2.1	ND
1,1,2-Trichloroethane	NS	ND	7.2	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	29	ND	ND	ND	ND	60	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	2	ND	ND	ND	ND	2.1	ND	ND	ND	3.4	ND	ND
Total xylenes	1,000	ND	8.3	ND	ND	0.25	0.44	9.2	ND	ND	ND	2.8	4.7	ND
Isopropylbenzene	NS	ND	82	ND	ND	ND	0.18	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	1.5	ND	ND	ND	0.82	ND	ND	ND	ND	ND	4.8	ND
1,3,5-Trimethylbenzene	NS	ND	1.3	ND	ND	ND	3	1.9	ND	ND	ND	4.2	19	ND
1,1,2,2-Tetrachloroethane	NS	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	ND	6.3	ND	0.15	ND	10	8.4	ND	ND	ND	26	91	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	0.22	ND	ND	ND	ND	ND	ND	ND
Naphthalene	160‡	ND	1.7	ND	ND	ND	0.12	2.4	ND	ND	ND	2.4	3.3	ND
Semi-Volatile Organic Compounds (µg/l)														
2-methylphenol	NS	ND	1.2	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	NS	ND	9.5	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NS	ND	0.39	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	NS	ND	ND	ND	ND	50	2.8	NA	NA	NA	NA	NA	NA	NA
Naphthalene	160‡	ND	0.89	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	0.51	NA	NA	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NS	ND	ND	ND	ND	ND	2.5	NA	NA	NA	NA	NA	NA	NA
Pyrene	0.2**	ND	ND	ND	ND	ND	0.18	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Groundwater Analytical Results, 2001
REXAM BEVERAGE CAN COMPANY
Kent, WA

Sample ID	Model Toxics Control Act - Groundwater	B1	B4	B6	B9	B10	B15	ETMW-1	ETMW-2	ETMW-3	ETMW-4	ETMW-5	ETMW-6	ETMW-7
Collected by		PRK	PRK	PRK	PRK	PRK	PRK	ET	ET	ET	ET	ET	ET	ET
Year	Method A Cleanup Levels	5/2001	5/2001	5/2001	5/2001	5/2001	5/2001	9/2001	9/2001	9/2001	9/2001	9/2001	9/2001	9/2001
ANALYTICAL PARAMETERS														
bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	14	16	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Groundwater Analytical Results, 2001
REXAM BEVERAGE CAN COMPANY
Kent, WA

Sample ID	Model Toxics Control Act - Groundwater	B1	B4	B6	B9	B10	B15	ETMW-1	ETMW-2	ETMW-3	ETMW-4	ETMW-5	ETMW-6	ETMW-7
Collected by		PRK	PRK	PRK	PRK	PRK	PRK	ET	ET	ET	ET	ET	ET	ET
Year	Method A Cleanup Levels	5/2001	5/2001	5/2001	5/2001	5/2001	5/2001	9/2001	9/2001	9/2001	9/2001	9/2001	9/2001	9/2001
ANALYTICAL PARAMETERS														
Metals (mg/l)														
Arsenic	5	0.015	0.036	0.046	0.029	NA	0.012	NA	NA	NA	NA	NA	NA	NA
Barium	NS	0.039	0.039	ND	0.0071	NA	ND	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	0.27	0.40	0.40	0.34	NA	0.40	NA	NA	NA	NA	NA	NA	NA
Zinc	NS	0.011	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
Mercury	2	0.58	0.65	0.49	0.63	NA	0.43	NA	NA	NA	NA	NA	NA	NA

Legend:
PRK = PRK Environmental Consulting Services
ET = Earth Tech, Inc.
mg/l = milligrams per liter
µg/l = micrograms per liter.
ND = Not detected
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NS = No Model Toxics Control Act Method A Cleanup Level.
* = Standard when: benzene is detected/no benzene
** = total of polycylcic aromatic hydrocarbons
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene.

Table 8
Groundwater Elevation Data February 10, 2015
Rexam Beverage Can Company
Kent, Washington

Well Number	Top of Casing Elevation (feet AMSL)	Depth to Water (feet below top of casing)	PID Reading (response units)	Well Screen Interval (feet below ground surface)	Groundwater Elevation (feet AMSL)
MW-101	41.39	8.08	18.4	7-17	33.31
MW-102	37.23	5.64	0.3	7-17	31.59
MW-103	36.62	4.32	0.0	4-14	32.30
MW-104	38.82	4.75	0.0	5-15	34.07
MW-105R	36.62	4.22	0.6	5-15	32.40
MW-106	40.34	7.61	0.0	7-17	32.73
MW-107	36.74	1.40	0.0	4.6-14.6	35.34
MW-108	40.92	6.81	69.3	6-16	34.11
MW-201	37.22	5.28	0.0	58.5-63.5	31.94
ETMW-2	38.59	4.92	0.0	5-15	33.67
ETMW-3	36.89	4.95	0.0	5-15	31.94
ETMW-7	37.84	5.39	0.0	5-15	32.45

Footnote:
AMSL = Above mean sea level.
PID = Photoionization Detector.

Table 9
Water Quality Parameters
REXAM Beverage Can Company
Kent, Washington
February 2015

Monitoring Well ID	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105R	MW-106	MW-107	MW-108	MW-201
Date Sampled	2/10/2015	2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015
Initial Readings												
Time	9:21	8:24	10:40	14:55	8:07	12:07	13:25	8:15	15:10	11:45	10:11	13:06
Conductivity (mS/cm)	0.448	0.694	0.505	0.362	0.668	0.880	0.373	0.406	0.580	0.165	0.504	0.329
Dissolved Oxygen (mg/l)	0.00	0.00	0.00	1.09	0.00	2.25	1.36	1.53	0.00	0.00	0.53	0.00
ORP (mV)	-134	-130	-149	-61	-31	NR	-119	45	-92	-108	0.74	-105
pH (SU)	6.92	6.74	6.90	6.58	6.70	6.80	7.02	6.50	6.78	7.15	6.76	7.34
Turbidity (NTU)	408	51.0	98.0	28.3	40.4	35.5	0.0	27.7	53.7	18.7	148	730
Temperature (° C)	11.92	12.90	13.05	21.26	12.17	12.96	13.27	12.99	13.54	9.67	18.17	12.66
Before Sampling												
Time	10:11	8:44	11:10	15:20	8:42	12:32	13:45	8:45	15:35	12:10	10:36	14:06
Conductivity (mS/cm)	0.370	0.670	0.507	0.356	1.04	0.867	0.368	0.383	0.571	0.163	0.477	0.323
Dissolved Oxygen (mg/l)	0.00	0.00	0.00	0.48	0.00	1.58	1.02	0.66	0.00	0.00	0.39	0.00
ORP (mV)	-133	-148	-150	-113	-152	-174	-144	-123	-118	-135	-138	-127
pH (SU)	6.91	6.69	6.99	6.65	6.75	6.94	7.00	6.96	6.75	7.23	6.84	7.38
Turbidity (NTU)	23.1	5.3	4.0	0.0	0.0	0.6	0.0	7.3	7.6	7.1	7.7	112
Temperature (° C)	12.10	13.23	13.27	24.59	13.04	12.65	12.68	14.53	13.81	9.19	18.75	13.95
Sampling Time	10:20	8:50	11:20	15:36	9:01	12:52	14:03	9:20	15:42	12:35	10:52	14:09
Purge Rate (ml/minute)	250	250	300	240	250	240	250	250	250	300	250	400
Volume Purged (gallons)	4	2	3	2	2.5	2.5	2	2.75	2.5	2.5	2.5	7.5

Legend:
ml = milliliters
mg/l = milligrams per liter
ORP = Oxidation Reduction Potential
mV = millivolts
mS/cm = millisiemens per centimeter
°C = Degrees Celsius
SU = Standard Units
NTU = Nephelometric Turbidity Units
NR - Not recorded

Table 10
Groundwater Analytical Results
February, 2015
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater Method A Cleanup Levels	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105R	DUP-2
Laboratory ID No.		502163-03	502163-02	502163-04	502163-10	502163-15	502163-05	502163-07	502163-14	502163-18
Date Sampled		2/10/2015	2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015	2/10/2015	2/11/2015	2/11/2015
ANALYTICAL PARAMETERS										
Volatile Organic Compounds (µg/l)										
Dichlorodifluoromethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.2	<0.2	<0.2	**0.77**	**2.1**	<0.2	**0.31**	<0.2	**1.2**	**1.2**
Bromomethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	<1	<1	<1	<1	**180 ve/180 D**	<1	<1	**770 ve/790 D**	**800 ve/770 D**
Trichlorofluoromethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	20	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	NS	<1	<1	<1	<1	<1	<1	<1	**93**	**94**
2,2-Dichloropropane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	NS	<1	<1	<1	**1.3**	<1	<1	<1	<1	<1
Chloroform	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	5	<1	<1	<1	<1	**4.4**	<1	<1	**1.1**	**1.1**
1,1,1-Trichloroethane	200	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<0.35	<0.35	<0.35	<0.35	**0.42**	<0.35	<0.35	<0.35	<0.35
Trichloroethene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone (MIBK)	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone (MBK)	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	70	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	1,000*	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	1,000*	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene (Cumene)	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 10
Groundwater Analytical Results
February, 2015
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater Method A Cleanup Levels	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105R	DUP-2
Laboratory ID No.		502163-03	502163-02	502163-04	502163-10	502163-15	502163-05	502163-07	502163-14	502163-18
Date Sampled		2/10/2015	2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015	2/10/2015	2/11/2015	2/11/2015
ANALYTICAL PARAMETERS										
Bromoform	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	<1	<1	<1	**1.2**	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	160	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dioxane	NS	**1.5**	<0.40	**8.1**	**61**	**330**	**6.0**	<0.40	**40**	**40**
Tentatively Identified Compounds (µg/l)										
Benzene, 2-propenyl	NS	**51**								
Benzene, 1-ethyl-3-methyl-	NS	**24**								
Benzene, 1-ethenyl-2-methyl-	NS									
Ethane, 1,2-dichloro-1,1,2-trifloro-	NS								**5.1**	
Butane, 1,3-dichloro-	NS									
Benzene, 1-propenyl	NS									
Ethane, 1,1'-thiobis	NS					**12**				
Ethanethiol	NS					**9.2**				
1-Propene, 2-chloro-	NS					**6.7**				
1,3-Butadiene, 2-chloro-	NS					**5.2**				
Total Tentatively Identified Compounds	NS	**75**	0.0	0.0	0.0	**33.1**	0.0	0.0	**5.1**	0.0

Table 10
Groundwater Analytical Results
February, 2015
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater Method A Cleanup Levels	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105R	DUP-2
Laboratory ID No.		502163-03	502163-02	502163-04	502163-10	502163-15	502163-05	502163-07	502163-14	502163-18
Date Sampled		2/10/2015	2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015	2/10/2015	2/11/2015	2/11/2015
ANALYTICAL PARAMETERS										
Total Suspended Solids (mg/l)	NS	NA	NA	NA	**108**	**191**	NA	NA	**66.4**	**57.6**
Total Dissolved Solids (mg/l)	NS	NA	NA	NA	**280**	**510**	NA	NA	**280**	**300**

Legend:
µg/l = micrograms per liter.
mg/l = milligrams per liter
<0.00 = Not detected above Method Detection Limit.
NA = Not Analyzed
NS = No standard.
Bolded values represent detections
Shaded cell denotes exceedance of Method
A Cleanup Level
* = Total xylenes
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene.
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid range. Dilution required to obtain accurate quantification.
jl = Laboratory control sample percent recovery and or relative percent difference were outside of control limits; result should be considered an estimate.

Table 10
Groundwater Analytical Results
February, 2015
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater Method A Cleanup Levels	MW-106	MW-107	DUP	MW-108	MW-201	FB	TB	FB2	TB2
Laboratory ID No.		502163-11	502163-06	502163-12	502163-17	502163-08	502163-09	502163-01	502163-16	502163-13
Date Sampled		2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/11/2015
ANALYTICAL PARAMETERS										
Volatile Organic Compounds (µg/l)										
Dichlorodifluoromethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.2	**0.23**	<0.2	<0.2	**6.3**	<0.2	<0.2	<0.2	<0.2	<0.2
Bromomethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	**430 ve/420 D**	<1	<1	**440 ve/530 D**	<1	<1	<1	<1	<1
Trichlorofluoromethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	NS	<1	<1	<1	**19**	<1	<1	<1	<1	<1
Methylene Chloride	5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	20	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	NS	<1	<1	<1	**270 ve/490 D**	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	5	**1.1**	<1	<1	**2.0**	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	200	<1	<1	<1	**270 ve/630 D**	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone (MIBK)	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	<1	**2.9**	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone (MBK)	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	70	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	1,000*	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	1,000*	<1	<1	<1	**1.3**	<1	<1	<1	<1	<1
Styrene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene (Cumene)	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 10
Groundwater Analytical Results
February, 2015
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater Method A Cleanup Levels	MW-106	MW-107	DUP	MW-108	MW-201	FB	TB	FB2	TB2
Laboratory ID No.		502163-11	502163-06	502163-12	502163-17	502163-08	502163-09	502163-01	502163-16	502163-13
Date Sampled		2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/11/2015
ANALYTICAL PARAMETERS										
Bromoform	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	<1	<1	<1	**1.2 jl**	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	<1	<1	<1	**3.8**	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	160	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dioxane	NS	**200**	**0.58**	**0.47**	**850**	<0.40	<0.40	<0.40	<0.40	<0.40
Tentatively Identified Compounds (µg/l)										
Benzene, 2-propenyl	NS									
Benzene, 1-ethyl-3-methyl-	NS									
Benzene, 1-ethenyl-2-methyl-	NS	**5.0**								
Ethane, 1,2-dichloro-1,1,2-trifloro-	NS									
Butane, 1,3-dichloro-	NS				**16**					
Benzene, 1-propenyl	NS				**5.5**					
Ethane, 1,1'-thiobis	NS									
Ethanethiol	NS									
1-Propene, 2-chloro-	NS									
1,3-Butadiene, 2-chloro-	NS									
Total Tentatively Identified Compounds	NS	**5.0**	0.0	0.0	**21.5**	0.0	0.0	0.0	0.0	0.0

Table 10
Groundwater Analytical Results
February, 2015
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater Method A Cleanup Levels	MW-106	MW-107	DUP	MW-108	MW-201	FB	TB	FB2	TB2
Laboratory ID No.		502163-11	502163-06	502163-12	502163-17	502163-08	502163-09	502163-01	502163-16	502163-13
Date Sampled		2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/10/2015	2/10/2015	2/10/2015	2/11/2015	2/11/2015
ANALYTICAL PARAMETERS										
Total Suspended Solids (mg/l)	NS	NA	<10	<10	**64.0**	NA	NA	NA	NA	NA
Total Dissolved Solids (mg/l)	NS	NA	**120**	**120**	**340**	NA	NA	NA	NA	NA

Legend:
µg/l = micrograms per liter.
mg/l = milligrams per liter
<0.00 = Not detected above Method Detection Limit.
NA = Not Analyzed
NS = No standard.
Bolded values represent detections
Shaded cell denotes exceedance of Method
A Cleanup Level
* = Total xylenes
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene.
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid range. Dilution required to obtain accurate quantification.
jl = Laboratory control sample percent recovery and or relative percent difference were outside of control limits; result should be considered an estimate.

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	ETMW-1	ETMW-2	ETMW-2	ETMW-2	ETMW-2	ETMW-2	ETMW-2	ETMW-2	ETMW-2
Date Sampled		June-10	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
	Method A Cleanup Levels									
Volatile Organic Compounds (µg/l)										
Vinyl chloride	0.2	**990**	ND	**0.18**	ND	ND	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	**7,300**	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	**30**	ND	**0.36**	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	**16**	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	**13,000**	ND	**0.21**	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	**22**	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	**4.0**	ND	**0.087**	ND	ND	ND	ND	ND	ND
Chloroform	NS	**0.44**	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	**3,900**	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	**19**	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5	**1.0**	ND	**0.15**	ND	ND	ND	ND	ND	ND
Trichloroethene	5	**2.4**	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	**52**	ND	**0.12**	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	**0.98**	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	**12**	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	**1.7**	ND	**1.1**	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	**2.5**	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	**6.4**	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	**0.42**	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	**1.1**	ND	ND	**6.8**	**6.5**	**5.1**	**1.4**	ND	ND
N-Propylbenzene	NS	**1.7**	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	**1.6**	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	**5.4**	ND	**0.35**	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	**0.12**	ND	**0.35**	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	**0.091**	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	**0.17**	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	160 ‡	**0.84**	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	nd	-	**61**	-	-	-	-	-	1.5

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	ETMW-3	ETMW-3	ETMW-3	ETMW-3	ETMW-3	ETMW-3	ETMW-3	ETMW-3
Date Sampled	Method A Cleanup Levels	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)									
Vinyl chloride	0.2	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	ND	ND	ND	ND	ND	NA	NA	NA
Naphthalene	160 ‡	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	-	-	-	-	-	-	-	ND

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	ETMW-7	ETMW-7	ETMW-7	ETMW-7	ETMW-7	ETMW-7	ETMW-7	ETMW-7
Date Sampled		March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
	Method A Cleanup Levels								
Volatile Organic Compounds (µg/l)									
Vinyl chloride	0.2	ND	**0.20**	ND	ND	ND	ND	**0.32**	**0.77**
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	ND	ND	ND	ND	ND	ND	**2.8**	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	**0.13**	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	ND	**0.35**	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	ND	ND	ND	ND	ND	NA	NA	ND
Naphthalene	160 ‡	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	-	nd	-	-	-	-	-	**8.1**

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101
Date Sampled	Method A Cleanup Levels	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)									
Vinyl chloride	0.2	**4**	**1.6**	**1.7**	**2.0**	**1.5**	**0.92**	**1.5**	**2.1**
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	**13**	**0.95**	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	**9**	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	**4**	**0.89**	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	**7**	**0.99**	**1.1**	**1.5**	ND	ND	ND	**1.3**
trans-1,2-Dichloroethene	NS	ND	**0.39**	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	**0.18**	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	**2**	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	ND	**0.16**	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	ND	**0.62**	ND	ND	ND	ND	ND	**1.2**
sec-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	NA	ND	ND	ND	NA	NA	NA	NA
Naphthalene	160 ‡	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	-	**640**	-	-	-	-	-	**61**

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102
Date Sampled	Method A Cleanup Levels	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)									
Vinyl chloride	0.2	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	**3,200**	**1,500**	**1,800**	**750**	**350**	**390**	**340**	**180**
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	**4**	**0.46**	**1.6**	**1.5**	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	**32**	ND	**11**	**10**	**5.1**	**6.2**	**5.2**	**4.4**
Benzene	5	**1**	**0.33**	ND	ND	**0.38**	ND	**0.47**	**0.42**
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	ND	**0.13**	**1.1**	**1.1**	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	NA	ND	ND	ND	NA	NA	NA	NA
Naphthalene	160 ‡	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	-	**1,200**	-	-	-	-	-	**330**

Legend:
µg/l = micrograms per liter.
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ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103
Date Sampled	Method A Cleanup Levels	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)									
Vinyl chloride	0.2	ND	**0.25**	ND	ND	ND	ND	**0.31**	**0.31**
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	ND	**0.23**	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	ND	**0.073**	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	ND	**0.32**	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	**0.069**	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	ND	ND	ND	ND	NA	NA	NA	na
Naphthalene	160 ‡	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	-	**60**	-	-	-	-	-	**6**

Legend:
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ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104
Date Sampled	Method A Cleanup Levels	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)									
Vinyl chloride	0.2	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NS	ND	**0.22**	ND	ND	ND	ND	ND	ND
Chloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	**0.13**	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	NA	ND	ND	ND	NA	NA	NA	NA
Naphthalene	160 ‡	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	-	nd	-	-	-	-	-	ND

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105R*	MW-105R*
Date Sampled	Method A Cleanup Levels	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)									
Vinyl chloride	0.2	**1,600**	**870**	**650**	**445**	NS	NS	**1.9**	**1.2**
Chloromethane	NS	ND	ND	ND	ND	NS	NS	ND	ND
Chloroethane	NS	**4,000**	**7,300**	**8,650**	**7,200**	NS	NS	**120**	**780**
Bromomethane	NS	ND	ND	ND	ND	NS	NS	ND	ND
1,1-Dichloroethene	NS	**390**	**2.2**	ND	ND	NS	NS	ND	ND
Methylene Chloride	5	**39**	ND	**9.0**	**8.5**	NS	NS	ND	ND
1,1-Dichloroethane	NS	**4,700**	**11,000**	**4,700**	**2,750**	NS	NS	**34**	**94**
cis-1,2-Dichloroethene	NS	**39**	**6.8**	**5.1**	**4.9**	NS	NS	ND	ND
trans-1,2-Dichloroethene	NS	**7**	**3.1**	**3.2**	**3.1**	NS	NS	ND	ND
Chloroform	NS	ND	**0.32**	ND	ND	NS	NS	ND	ND
1,1,1-Trichloroethane	200	**2,700**	**890**	**130**	**100**	NS	NS	ND	ND
1,2-Dichloroethane (EDC)	5	**33**	**12**	**14**	**13**	NS	NS	ND	**1.1**
Benzene	5	**2**	**0.97**	ND	ND	NS	NS	ND	ND
Trichloroethene	5	**11**	**0.61**	ND	ND	NS	NS	ND	ND
Toluene	1,000	**120**	**61**	**52**	**60**	NS	NS	**5.2**	ND
1,1,2-Trichloroethane	NS	**4**	**0.69**	ND	ND	NS	NS	ND	ND
Tetrachloroethene	5	**22**	**4.6**	**3.3**	**2.1**	NS	NS	ND	ND
Ethylbenzene	700	**2**	**1.4**	**1.4**	**1.5**	NS	NS	ND	ND
m-Xylene & p-Xylene	1,000**	**3**	**2.6**	**2.9**	**3.4**	NS	NS	ND	ND
o-Xylene	1,000**	**5**	**4.8**	**5.4**	**5.8**	NS	NS	ND	ND
Styrene	NS	ND	ND	ND	ND	NS	NS	ND	ND
Isopropylbenzene (Cumene)	NS	ND	**0.72**	ND	ND	NS	NS	ND	ND
N-Propylbenzene	NS	**7**	**1.2**	**1.3**	**1.5**	NS	NS	ND	ND
1,3,5-Trimethylbenzene	NS	**2**	**2.1**	**2.8**	**3.4**	NS	NS	ND	ND
1,2,4-Trimethylbenzene	NS	**7**	**7.1**	**9.1**	**13**	NS	NS	ND	ND
sec-Butylbenzene	NS	ND	ND	**9.1**	**13**	NS	NS	ND	ND
4-Isopropyltoluene	NS	ND	**0.096**	ND	ND	NS	NS	ND	ND
N-Butylbenzene	NS	NA	ND	ND	ND	NS	NS	NA	NA
Naphthalene	160 ‡	ND	ND	**9.1**	**13**	NS	NS	ND	ND
1,4-Dioxane	NS	-	nd	-	-	-	-	-	**40**

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	MW-106	MW-106	MW-106	MW-106	MW-106	MW-106	MW-106	MW-106
Date Sampled	Method A Cleanup Levels	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)									
Vinyl chloride	0.2	**1**	**0.37**	ND	ND	ND	**0.26**	**0.23**	**0.23**
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	**1,450**	**720**	**1,150**	**660**	**570**	**490**	**390**	**420**
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	ND	**0.26**	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	**2.4**	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	**5.5**	**5.0**	**3.1**	**2.6**	**1.6**	**2.4**	**1.2**	ND
cis-1,2-Dichloroethene	NS	ND	**0.42**	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	ND	**0.54**	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	**5**	**1.9**	**1.7**	**1.6**	**1.5**	**1.3**	ND	**1.1**
Benzene	5	ND	**0.22**	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	**1**	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	**7**	**0.37**	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	NA	ND	ND	ND	NA	NA	NA	NA
Naphthalene	160 ‡	NA	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	-	**150**	-	-	-	-	-	**200**

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	MW-107	MW-107	MW-107	MW-107	MW-107	MW-107	MW-107
Date Sampled	Method A Cleanup Levels	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)								
Vinyl chloride	0.2	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	**0.62**	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	**0.12**	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	ND	ND	ND	NA	NA	NA	NA
Naphthalene	160 ‡	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	**53**	-	-	-	-	-	0.58

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 11
Contaminant Trends in Groundwater
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	Model Toxics Control Act - Groundwater	MW-108	MW-108	MW-201	MW-201	MW-201	MW-201	MW-201	MW-201	MW-201	MW-201
Date Sampled	Method A Cleanup Levels	May-14	February-15	March-05	June-10	April-11	July-11	November-11	April-12	May-14	February-15
Volatile Organic Compounds (µg/l)											
Vinyl chloride	0.2	**9.7**	**6.3**	**0.9**	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	**820**	**530**	**5**	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	**78**	**19**	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	**1,600**	**490**	**10**	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	**1.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	**2,300**	**630**	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5	**4.7**	**2.0**	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	**5.2**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,000	**15**	**2.9**	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	**2.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	**4.0**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	1,000**	**2.4**	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,000**	**8.3**	**1.3**	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	0.41	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	NS	**1.2**	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Propylbenzene	NS	**2.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	**5.3**	**5.3**	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	**15**	**3.8**	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NS	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA
Naphthalene	160 ‡	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NS	**10**	**850**	-	nd	-	-	-	-	-	ND

Legend:
µg/l = micrograms per liter.
NS = Not sampled, well covered by construction.
ND = Not detected.
nd = Not detected in TICs; this analyte was detected in TICs in other samples in this event
- = Not detected in TICs in any sample in this round.
Shaded values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
* MW-105 redrilled in May 2014 (MW-105R).
** = Total xylenes
Table does not include results attributable to blank contamination.
Any wells for which a duplicate sample was collected are the average of the sample and duplicate

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level µg/m³ (updated April 6, 2015)	Reporting Limit µg/m³	SV1	SV2	SV3	SV4	SV5	SV6	SV7
Date Sampled			4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
VOCs (µg/m³) Method 8260									
Dichlorodifluoromethane (Freon 12)	3,330	100	ND	ND	ND	ND	ND	ND	ND
Chloromethane	3,000	100	**6,800**	**19,000**	**9,700**	ND	**300**	**30,000**	ND
Vinyl chloride	93.3	100	**15,000**	**14,000**	**6,200**	ND	**140**	**8,000**	ND
Bromomethane	167.0	100	ND	ND	ND	ND	ND	ND	ND
Chloroethane (ethyl chloride)	NS	100	**210,000**	**70,000**	**8,300**	ND	**2,700**	**49,000**	**180**
Trichlorofluoromethane	23,300	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6,670	100	**120,000**	**240,000**	**23,000**	**240**	**2,300**	**47,000**	**430**
Methylene chloride	20,000	100	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether (MTBE)	100,000	100	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	100	**600**	ND	110	190	ND	ND	ND
1,1-Dichloroethane	521	100	**6,500**	**1,400,000**	**120,000**	**350**	**5,100**	**52,000**	**430**
cis-1,2-Dichloroethene	NS	100	**5,500**	**330**	**1,700**	**180**	**280**	**230**	ND
2,2-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Chloroform	36.2	100	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	16,700	100	**11,000**	**1,000,000**	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	32.1	100	**310**	**180**	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	100	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	139	100	ND	ND	ND	ND	ND	ND	ND
Benzene	107	100	**170**	**140**	**130**	ND	ND	ND	ND
Trichloroethene	66.7	100	**6,300**	**970**	**1,200**	ND	ND	**350**	ND
1,2-Dichloropropane	83.3	100	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	22.5	100	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
Toluene	16,700	100	**2,000**	**490**	**230**	ND	ND	ND	ND
trans-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	6.67	100	ND	**120**	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	30.9	100	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,330	100	**2,800**	**830**	**700**	**270**	ND	**120**	**700**
1,2-Dibromoethane (EDB)	1.39	100	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,670	100	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	113	100	ND	ND	ND	**140**	ND	ND	ND
Ethylbenzene	33,300	100	**330**	**140**	**410**	**470**	ND	ND	ND
Xylenes	3,330	100	ND	ND	ND	ND	ND	ND	ND
Styrene	33,300	100	ND	ND	ND	ND	ND	ND	ND
Bromoform	758	100	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	14.4	100	ND	ND	ND	ND	ND	ND	ND

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level $\mu g/m^3$ (updated April 6, 2015)	Reporting Limit $\mu g/m^3$	SV1	SV2	SV3	SV4	SV5	SV6	SV7
Date Sampled			4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
Isopropylbenzene	13,300	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	100	**110**	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	233	100	**140**	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75.8	100	ND	ND	ND	ND	ND	ND	ND
Isopropyltoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	6,670	100	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	66.7	100	ND	ND	ND	ND	ND	ND	ND
Naphthalene	24.5	100	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	37.9	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND

Legend:
VOCs = Volatile Organic Compounds.
ND = Not detected above listed reporting limit.
Bolded values are detections.
Shaded values exceed Method C Subslab Soil Gas Screening Levels
$\mu g/m^3$ = micrograms per cubic meter of air.
NS = No standard.
Sub-slab samples collected beneath building footprint.
Exterior samples collected from beneath impervious surfaces outside building.

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level µg/m³ (updated April 6, 2015)	Reporting Limit µg/m³	SV8	SV9	SV10	SV11	SV12	SV13	SV14
Date Sampled			4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/12/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
VOCs (µg/m³) Method 8260									
Dichlorodifluoromethane (Freon 12)	3,330	100	ND	ND	ND	ND	ND	ND	ND
Chloromethane	3,000	100	ND	ND	**2,600**	**160**	ND	ND	ND
Vinyl chloride	93.3	100	ND	**2,900**	**1,200**	**110**	ND	ND	ND
Bromomethane	167.0	100	ND	ND	ND	ND	ND	ND	ND
Chloroethane (ethyl chloride)	NS	100	ND	**2,000**	**6,000**	ND	**300**	ND	ND
Trichlorofluoromethane	23,300	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6,670	100	ND	**7,000**	**12,000**	**190**	**820**	**650**	**1,300**
Methylene chloride	20,000	100	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether (MTBE)	100,000	100	ND	ND	ND	ND	ND	ND	**200**
trans-1,2-Dichloroethene	NS	100	ND	**280**	ND	ND	ND	ND	ND
1,1-Dichloroethane	521	100	**110**	**620**	**24,000**	**1,900**	**9,900**	**8,100**	**600**
cis-1,2-Dichloroethene	NS	100	ND	**580**	**680**	ND	**1,900**	**200**	ND
2,2-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Chloroform	36.2	100	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	16,700	100	ND	ND	ND	**1,700**	**9,700**	**8,600**	ND
1,2-Dichloroethane (EDC)	32.1	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	100	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	139	100	ND	ND	ND	ND	ND	ND	ND
Benzene	107	100	ND	ND	**150**	ND	ND	ND	**100**
Trichloroethene	66.7	100	ND	**110**	**100**	ND	**320**	**160**	ND
1,2-Dichloropropane	83.3	100	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	22.5	100	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
Toluene	16,700	100	ND	**270**	ND	ND	**720**	**290**	**300**
trans-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	6.67	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	30.9	100	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,330	100	ND	ND	ND	**110**	**1,200**	**620**	**300**
1,2-Dibromoethane (EDB)	1.39	100	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,670	100	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	113	100	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	33,300	100	ND	ND	ND	ND	**120**	ND	ND
Xylenes	3,330	100	ND	**150**	**120**	ND	**680**	**260**	**100**
Styrene	33,300	100	ND	ND	ND	ND	ND	ND	ND
Bromoform	758	100	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	14.4	100	ND	ND	ND	ND	ND	ND	ND

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level $\mu g/m^3$ (updated April 6, 2015)	Reporting Limit $\mu g/m^3$	SV8	SV9	SV10	SV11	SV12	SV13	SV14
Date Sampled			4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/12/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
Isopropylbenzene	13,300	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	233	100	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75.8	100	ND	ND	ND	ND	ND	ND	ND
Isopropyltoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	6,670	100	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	66.7	100	ND	ND	ND	ND	ND	ND	ND
Naphthalene	24.5	100	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	37.9	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND

Legend:
VOCs = Volatile Organic Compounds.
ND = Not detected above listed reporting limit.
Bolded values are detections.
Shaded values exceed Method C Subslab Soil Gas Screening Levels
$\mu g/m^3$ = micrograms per cubic meter of air.
NS = No standard.
Sub-slab samples collected beneath building footprint.
Exterior samples collected from beneath impervious surfaces outside building.

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level µg/m³ (updated April 6, 2015)	Reporting Limit µg/m³	SV14-DUP	SV15	SV16	SV17	SV18	SV19	SV20
Date Sampled			4/12/2011	4/11/2011	4/11/2011	4/11/2011	4/12/2011	4/12/2011	4/11/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
VOCs (µg/m³) Method 8260									
Dichlorodifluoromethane (Freon 12)	3,330	100	ND	ND	ND	ND	ND	ND	ND
Chloromethane	3,000	100	ND	ND	ND	**5,900**	ND	ND	ND
Vinyl chloride	93.3	100	ND	**310**	ND	ND	**300**	**200**	**3,100**
Bromomethane	167.0	100	ND	ND	ND	ND	ND	ND	ND
Chloroethane (ethyl chloride)	NS	100	ND	ND	ND	**190**	ND	ND	**1,500**
Trichlorofluoromethane	23,300	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6,670	100	**2,000**	**1,200**	**360**	**500**	**100**	**300**	**630**
Methylene chloride	20,000	100	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether (MTBE)	100,000	100	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	521	100	**800**	**8,200**	**3,900**	**5,700**	**100**	**500**	ND
cis-1,2-Dichloroethene	NS	100	ND	**250**	**590**	**820**	ND	**400**	ND
2,2-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Chloroform	36.2	100	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	16,700	100	ND	**11,000**	**3,500**	**4,900**	ND	ND	**830**
1,2-Dichloroethane (EDC)	32.1	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	100	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	139	100	ND	ND	ND	ND	ND	ND	ND
Benzene	107	100	**200**	ND	ND	ND	ND	ND	ND
Trichloroethene	66.7	100	**100**	**170**	**590**	**880**	ND	**100**	ND
1,2-Dichloropropane	83.3	100	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	22.5	100	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
Toluene	16,700	100	**300**	**210**	**180**	**250**	ND	ND	**140**
trans-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	6.67	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	30.9	100	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,330	100	**300**	**500**	**3,400**	**4,400**	ND	ND	**150**
1,2-Dibromoethane (EDB)	1.39	100	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,670	100	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	113	100	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	33,300	100	ND	ND	ND	ND	ND	ND	ND
Xylenes	3,330	100	**100**	**220**	**180**	ND	ND	ND	**190**
Styrene	33,300	100	ND	ND	ND	ND	ND	ND	ND
Bromoform	758	100	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	14.4	100	ND	ND	ND	ND	ND	ND	ND

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Summary of Soil Gas Data
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Sampling Point	Method C Subslab Soil Gas Screening Level $\mu g/m^3$ (updated April 6, 2015)	Reporting Limit $\mu g/m^3$	SV14-DUP	SV15	SV16	SV17	SV18	SV19	SV20
Date Sampled			4/12/2011	4/11/2011	4/11/2011	4/11/2011	4/12/2011	4/12/2011	4/11/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
Isopropylbenzene	13,300	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	233	100	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75.8	100	ND	ND	ND	ND	ND	ND	ND
Isopropyltoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	6,670	100	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	66.7	100	ND	ND	ND	ND	ND	ND	ND
Naphthalene	24.5	100	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	37.9	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND

Legend:
VOCs = Volatile Organic Compounds.
ND = Not detected above listed reporting limit.
Bolded values are detections.
Shaded values exceed Method C Subslab Soil Gas Screening Levels
$\mu g/m^3$ = micrograms per cubic meter of air.
NS = No standard.
Sub-slab samples collected beneath building footprint.
Exterior samples collected from beneath impervious surfaces outside building.

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Summary of Soil Gas Data
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Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level µg/m³ (updated April 6, 2015)	Reporting Limit µg/m³	SV21	SV22	SV22-DUP	SV23	SV24	SV25	SV26
Date Sampled			4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
VOCs (µg/m³) Method 8260									
Dichlorodifluoromethane (Freon 12)	3,330	100	ND	ND	ND	ND	ND	ND	ND
Chloromethane	3,000	100	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	93.3	100	**15,000**	**3,200**	**2,600**	**2,400**	**8,800**	**4,000**	**800**
Bromomethane	167.0	100	ND	ND	ND	ND	ND	ND	ND
Chloroethane (ethyl chloride)	NS	100	ND	**1,100**	ND	ND	**1,400**	ND	ND
Trichlorofluoromethane	23,300	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6,670	100	**800**	**3,100**	**3,100**	**270,000**	**16,000**	**15,000**	**3,200**
Methylene chloride	20,000	100	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether (MTBE)	100,000	100	ND	**200**	ND	ND	**200**	ND	ND
trans-1,2-Dichloroethene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	521	100	**200**	**1,300**	**1,300**	**5,400**	**300**	**13,000**	**1,500**
cis-1,2-Dichloroethene	NS	100	ND	**200**	**200**	**100**	ND	ND	ND
2,2-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Chloroform	36.2	100	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	16,700	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	32.1	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	100	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	139	100	ND	ND	ND	ND	ND	ND	ND
Benzene	107	100	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	66.7	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	83.3	100	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	22.5	100	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
Toluene	16,700	100	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	6.67	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	30.9	100	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,330	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	1.39	100	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,670	100	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	113	100	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	33,300	100	ND	ND	ND	ND	ND	ND	ND
Xylenes	3,330	100	ND	ND	ND	ND	ND	ND	ND
Styrene	33,300	100	ND	ND	ND	ND	ND	ND	ND
Bromoform	758	100	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	14.4	100	ND	ND	ND	ND	ND	ND	ND

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Summary of Soil Gas Data
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Sampling Point	Method C Subslab Soil Gas Screening Level $\mu g/m^3$ (updated April 6, 2015)	Reporting Limit $\mu g/m^3$	SV21	SV22	SV22-DUP	SV23	SV24	SV25	SV26
Date Sampled			4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
Isopropylbenzene	13,300	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	233	100	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75.8	100	ND	ND	ND	ND	ND	ND	ND
Isopropyltoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	6,670	100	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	66.7	100	ND	ND	ND	ND	ND	ND	ND
Naphthalene	24.5	100	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	37.9	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND

Legend:
VOCs = Volatile Organic Compounds.
ND = Not detected above listed reporting limit.
Bolded values are detections.
Shaded values exceed Method C Subslab Soil Gas Screening Levels
$\mu g/m^3$ = micrograms per cubic meter of air.
NS = No standard.
Sub-slab samples collected beneath building footprint.
Exterior samples collected from beneath impervious surfaces outside building.

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Summary of Soil Gas Data
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REXAM BEVERAGE CAN COMPANY
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Sampling Point	Method C Subslab Soil Gas Screening Level µg/m³ (updated April 6, 2015)	Reporting Limit µg/m³	SV27	SV28	SV29	SV30	SV31	SV32	SV33	SV34
Date Sampled			4/11/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
VOCs (µg/m³) Method 8260										
Dichlorodifluoromethane (Freon 12)	3,330	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	3,000	100	ND	ND	ND	ND	210	ND	ND	ND
Vinyl chloride	93.3	100	3,400	ND	11,000	1,900	4,500	400	17,000	ND
Bromomethane	167.0	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (ethyl chloride)	NS	100	130	ND	ND	ND	15,000	ND	ND	300
Trichlorofluoromethane	23,300	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6,670	100	1,700	5,400	300,000	370,000	57,000	3,600	ND	ND
Methylene chloride	20,000	100	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether (MTBE)	100,000	100	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	100	ND	ND	1,000	ND	ND	ND	ND	ND
1,1-Dichloroethane	521	100	640	21,000	930,000	690,000	33,000	34,000	1,000	200
cis-1,2-Dichloroethene	NS	100	ND	ND	3,200	700	ND	ND	ND	ND
2,2-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	36.2	100	ND	ND	4,500	2,200	ND	ND	ND	ND
Bromochloromethane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	16,700	100	310	24,000	6,400,000	2,800,000	310	20,000	800	200
1,2-Dichloroethane (EDC)	32.1	100	ND	ND	2,400	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	139	100	ND	ND	1,300,000	460,000	ND	ND	100	ND
Benzene	107	100	ND	ND	300	300	ND	ND	ND	ND
Trichloroethene	66.7	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	83.3	100	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	22.5	100	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	16,700	100	ND	ND	ND	ND	ND	ND	100	ND
trans-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	6.67	100	ND	ND	2,200	1,000	ND	ND	ND	ND
1,3-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	30.9	100	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,330	100	ND	ND	6,900	7,300	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	1.39	100	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,670	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	113	100	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	33,300	100	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes	3,330	100	120	ND	ND	ND	ND	ND	ND	ND
Styrene	33,300	100	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	758	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	14.4	100	ND	ND	ND	ND	ND	ND	ND	ND

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Sampling Point	Method C Subslab Soil Gas Screening Level $\mu g/m^3$ (updated April 6, 2015)	Reporting Limit $\mu g/m^3$	SV27	SV28	SV29	SV30	SV31	SV32	SV33	SV34
Date Sampled			4/11/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
Isopropylbenzene	13,300	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	233	100	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75.8	100	ND	ND	ND	ND	ND	ND	ND	ND
Isopropyltoluene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	6,670	100	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	66.7	100	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	24.5	100	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	37.9	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND

Legend:
VOCs = Volatile Organic Compounds.
ND = Not detected above listed reporting limit.
Bolded values are detections.
Shaded values exceed Method C Subslab Soil Gas Screening Levels
$\mu g/m^3$ = micrograms per cubic meter of air.
NS = No standard.
Sub-slab samples collected beneath building footprint.
Exterior samples collected from beneath impervious surfaces outside building.

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Summary of Soil Gas Data
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Sampling Point	Method C Subslab Soil Gas Screening Level µg/m³ (updated April 6, 2015)	Reporting Limit µg/m³	SV35	SV36	SV37	SV38	SV39	SV40	SV41	SV42
Date Sampled			4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	exterior	exterior	exterior	exterior
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
VOCs (µg/m³) Method 8260										
Dichlorodifluoromethane (Freon 12)	3,330	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	3,000	100	ND	ND	ND	ND	**300**	**120**	ND	ND
Vinyl chloride	93.3	100	ND	ND	ND	**200**	ND	ND	ND	ND
Bromomethane	167.0	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (ethyl chloride)	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	23,300	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6,670	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	20,000	100	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether (MTBE)	100,000	100	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	521	100	**200**	ND	ND	**1,600**	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	36.2	100	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	16,700	100	**200**	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	32.1	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	139	100	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	107	100	ND	ND	ND	ND	**190**	**540**	**350**	**150**
Trichloroethene	66.7	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	83.3	100	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	22.5	100	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	16,700	100	ND	ND	ND	ND	**290**	**1,200**	**220**	**140**
trans-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	6.67	100	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	30.9	100	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,330	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	1.39	100	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,670	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	113	100	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	33,300	100	ND	ND	ND	ND	**110**	**540**	ND	ND
Xylenes	3,330	100	ND	ND	ND	ND	**550**	**2,600**	**190**	**250**
Styrene	33,300	100	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	758	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	14.4	100	ND	ND	ND	ND	ND	ND	ND	ND

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level µg/m³ (updated April 6, 2015)	Reporting Limit µg/m³	SV35	SV36	SV37	SV38	SV39	SV40	SV41	SV42
Date Sampled			4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011
Type			sub-slab	sub-slab	sub-slab	sub-slab	exterior	exterior	exterior	exterior
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
Isopropylbenzene	13,300	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	233	100	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75.8	100	ND	ND	ND	ND	ND	ND	ND	ND
Isopropyltoluene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	6,670	100	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	66.7	100	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	24.5	100	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	37.9	100	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND	ND

Legend:
VOCs = Volatile Organic Compounds.
ND = Not detected above listed reporting limit.
Bolded values are detections.
Shaded values exceed Method C Subslab Soil Gas Screening Levels
µg/m³ = micrograms per cubic meter of air.
NS = No standard.
Sub-slab samples collected beneath building footprint.
Exterior samples collected from beneath impervious surfaces outside building.

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level µg/m³ (updated April 6, 2015)	Reporting Limit µg/m³	SV43	SV44	SV45	SV46	SV47	SV48	SV49
Date Sampled			4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011
Type			exterior	exterior	exterior	exterior	exterior	exterior	exterior
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
VOCs (µg/m³) Method 8260									
Dichlorodifluoromethane (Freon 12)	3,330	100	ND	ND	ND	ND	ND	ND	ND
Chloromethane	3,000	100	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	93.3	100	ND	ND	ND	ND	ND	**520**	ND
Bromomethane	167.0	100	ND	ND	ND	ND	ND	ND	ND
Chloroethane (ethyl chloride)	NS	100	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	23,300	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6,670	100	ND	ND	**110**	ND	**180**	**710**	**450**
Methylene chloride	20,000	100	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether (MTBE)	100,000	100	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	521	100	ND	ND	**200**	**120**	**450**	**2,900**	**530**
cis-1,2-Dichloroethene	NS	100	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Chloroform	36.2	100	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	16,700	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	32.1	100	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	100	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	139	100	ND	ND	ND	ND	ND	ND	ND
Benzene	107	100	**490**	**460**	**200**	ND	ND	ND	ND
Trichloroethene	66.7	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	83.3	100	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	22.5	100	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
Toluene	16,700	100	**340**	**290**	**870**	ND	ND	ND	ND
trans-1,3-Dichloropropene	208	100	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	6.67	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	30.9	100	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,330	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	1.39	100	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,670	100	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	113	100	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	33,300	100	ND	ND	**760**	ND	ND	ND	ND
Xylenes	3,330	100	**450**	**480**	**4,300**	ND	ND	**130**	ND
Styrene	33,300	100	ND	ND	ND	ND	ND	ND	ND
Bromoform	758	100	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	14.4	100	ND	ND	ND	ND	ND	ND	ND

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level $\mu g/m^3$ (updated April 6, 2015)	Reporting Limit $\mu g/m^3$	SV43	SV44	SV45	SV46	SV47	SV48	SV49
Date Sampled			4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/12/2011
Type			exterior	exterior	exterior	exterior	exterior	exterior	exterior
Parameters/units			µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
Isopropylbenzene	13,300	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	233	100	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75.8	100	ND	ND	ND	ND	ND	ND	ND
Isopropyltoluene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	6,670	100	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	100	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	66.7	100	ND	ND	ND	ND	ND	ND	ND
Naphthalene	24.5	100	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	37.9	100	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	100	ND	ND	ND	ND	ND	ND	ND

Legend:
VOCs = Volatile Organic Compounds.
ND = Not detected above listed reporting limit.
Bolded values are detections.
Shaded values exceed Method C Subslab Soil Gas Screening Levels
$\mu g/m^3$ = micrograms per cubic meter of air.
NS = No standard.
Sub-slab samples collected beneath building footprint.
Exterior samples collected from beneath impervious surfaces outside building.

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point	Method C Subslab Soil Gas Screening Level $\mu g/m^3$ (updated April 6, 2015)	Reporting Limit $\mu g/m^3$	Trip Blank
Date Sampled			4/12/2011
Type			
Parameters/units			µg/m3
VOCs ($\mu g/m^3$) Method 8260			
Dichlorodifluoromethane (Freon 12)	3,330	100	ND
Chloromethane	3,000	100	ND
Vinyl chloride	93.3	100	ND
Bromomethane	167.0	100	ND
Chloroethane (ethyl chloride)	NS	100	ND
Trichlorofluoromethane	23,300	100	ND
1,1-Dichloroethene	6,670	100	ND
Methylene chloride	20,000	100	ND
Methyl-t-butyl ether (MTBE)	100,000	100	ND
trans-1,2-Dichloroethene	NS	100	ND
1,1-Dichloroethane	521	100	ND
cis-1,2-Dichloroethene	NS	100	ND
2,2-Dichloropropane	NS	100	ND
Chloroform	36.2	100	ND
Bromochloromethane	NS	100	ND
1,1,1-Trichloroethane	16,700	100	ND
1,2-Dichloroethane (EDC)	32.1	100	ND
1,1-Dichloropropene	NS	100	ND
Carbon tetrachloride	139	100	ND
Benzene	107	100	ND
Trichloroethene	66.7	100	ND
1,2-Dichloropropane	83.3	100	ND
Dibromomethane	NS	100	ND
Bromodichloromethane	22.5	100	ND
cis-1,3-Dichloropropene	208	100	ND
Toluene	16,700	100	ND
trans-1,3-Dichloropropene	208	100	ND
1,1,2-Trichloroethane	6.67	100	ND
1,3-Dichloropropane	NS	100	ND
Dibromochloromethane	30.9	100	ND
Tetrachloroethene	1,330	100	ND
1,2-Dibromoethane (EDB)	1.39	100	ND
Chlorobenzene	1,670	100	ND
1,1,1,2-Tetrachloroethane	113	100	ND
Ethylbenzene	33,300	100	ND
Xylenes	3,330	100	ND
Styrene	33,300	100	ND
Bromoform	758	100	ND
1,1,2,2-Tetrachloroethane	14.4	100	ND

Table 12
Summary of Soil Gas Data
April 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sampling Point Date Sampled Type Parameters/units	Method C Subslab Soil Gas Screening Level µg/m^3 (updated April 6, 2015)	Reporting Limit µg/m^3	Trip Blank 4/12/2011 µg/m3
Isopropylbenzene	13,300	100	ND
1,2,3-Trichloropropane	NS	100	ND
Bromobenzene	NS	100	ND
n-Propylbenzene	NS	100	ND
2-Chlorotoluene	NS	100	ND
4-Chlorotoluene	NS	100	ND
1,3,5-Trimethylbenzene	NS	100	ND
tert-Butylbenzene	NS	100	ND
1,2,4-Trimethylbenzene	233	100	ND
sec-Butylbenzene	NS	100	ND
1,3-Dichlorobenzene	NS	100	ND
1,4-Dichlorobenzene	75.8	100	ND
Isopropyltoluene	NS	100	ND
1,2-Dichlorobenzene	6,670	100	ND
n-Butylbenzene	NS	100	ND
1,2-Dibromo-3-chloropropane	NS	100	ND
1,2,4-Trichlorobenzene	66.7	100	ND
Naphthalene	24.5	100	ND
Hexachloro-1,3-butadiene	37.9	100	ND
1,2,3-Trichlorobenzene	NS	100	ND

Legend:
VOCs = Volatile Organic Compounds.
ND = Not detected above listed reporting limit.
Bolded values are detections.
Shaded values exceed Method C Subslab Soil Gas Screening Levels
µg/m^3 = micrograms per cubic meter of air.
NS = No standard.
Sub-slab samples collected beneath building footprint.
Exterior samples collected from beneath impervious surfaces outside building.

Table 13
Constituents of Concern
REXAM Beverage Can Company
Kent, WA

Analyte	Matrix		
	Soil	Groundwater	Subslab soil gas
1,1,1-Trichloroethane	X	X	X
1,1,2-Trichloroethane	X	X	X
1,1-Dichloroethane	X	X	X
1,1-Dichloroethene	X	X	X
1,2,4-Trimethylbenzene	X	X	X
1,2-Dichlorobenzene	X		
1,2-Dichloroethane (EDC)	X	X	X
1,2-Dichloropropane	*		
1,3,5-Trimethylbenzene	X	X	X
2,2-Dichloropropane	*		
2-Butanone (methyl ethyl ketone / MEK)	X		
Acetone	X	X	
Benzene	X	X	X
Carbon tetrachloride			X
Chloroethane (ethyl chloride)	X	X	X
Chloroform	X		X
Chloromethane			X
cis-1,2-Dichloroethene	X	X	X
Ethylbenzene	X		X
Isopropylbenzene (cumene)	X	X	
Methyl tert-butyl ether (MTBE)			X
Methylene chloride (Dichloromethane)	X		
Naphthalene	X		
n-Butylbenzene	X		
N-Propylbenzene	X	X	
Xylenes	X	X	X
sec-Butylbenzene	X		
Styrene	X		
Tetrachloroethene	X	X	X
Toluene	X	X	X
trans-1,2-Dichloroethene	X		X
Trichloroethene	X	X	X
Vinyl chloride	X	X	X
1,4-dioxane		X	
TPH - Gasoline Range	X		
TPH - #2 Diesel	X		
TPH - Motor Oil	X		

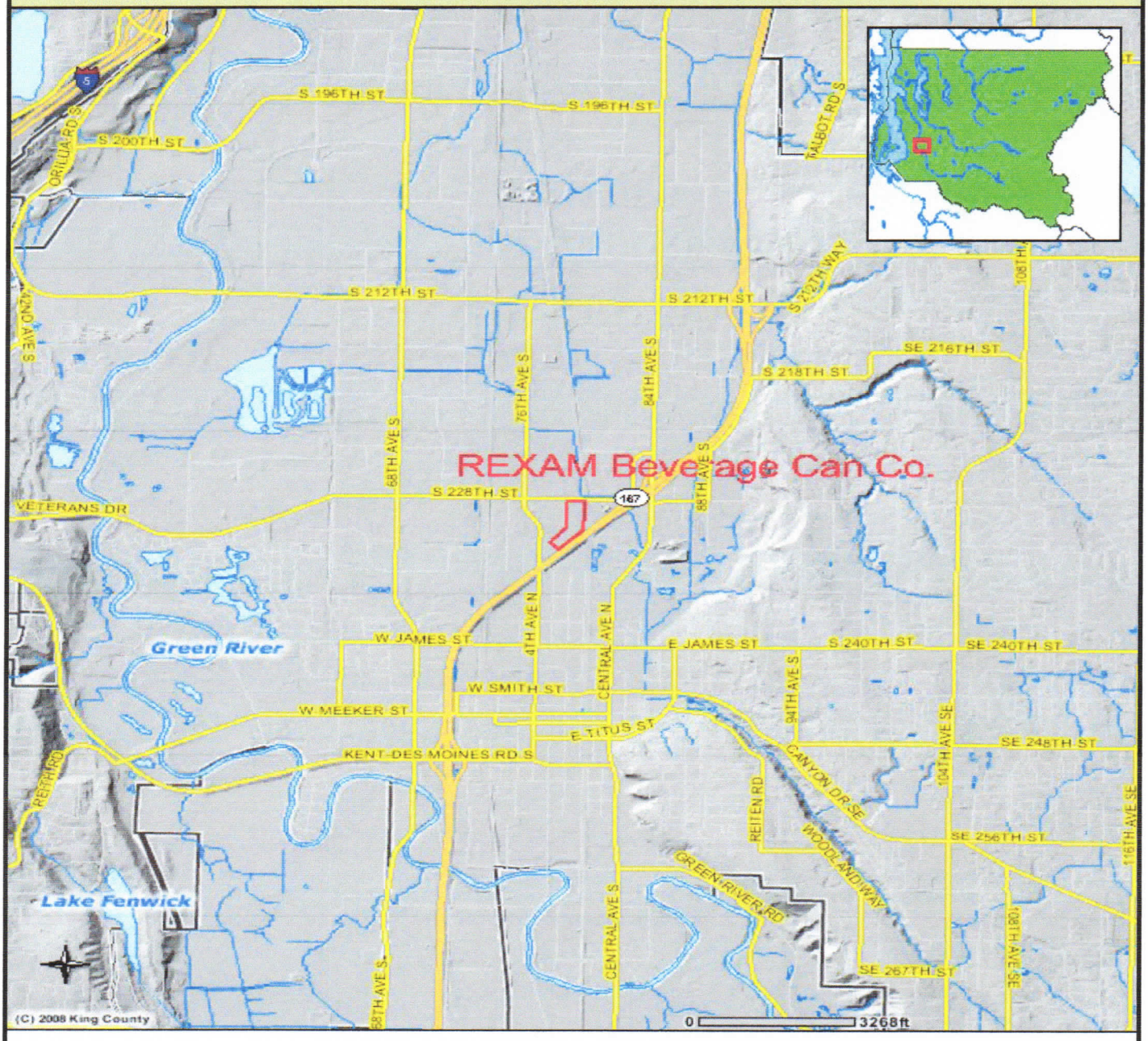
* - Single low-level or trace detection in soil, eliminated as a contaminant of concern

x - Contaminant detected (in most recent round of groundwater sampling)
Shaded cells denote contaminant detected at least once above Method A Cleanup Level (soil and groundwater) or Method C Cleanup Level (subslab soil gas)

ENVISION
ENVIRONMENTAL, INC.

FIGURES

Property Location Map



Legend

- County Boundary
- Highways
- King County Water Resource Inventory Areas
- Streets
- Highway
- Arterials
- (cont)
- Local
- Groundwater Management Areas
- Lakes and Large Rivers
- Streams
- Incorporated Area
- Shaded Relief

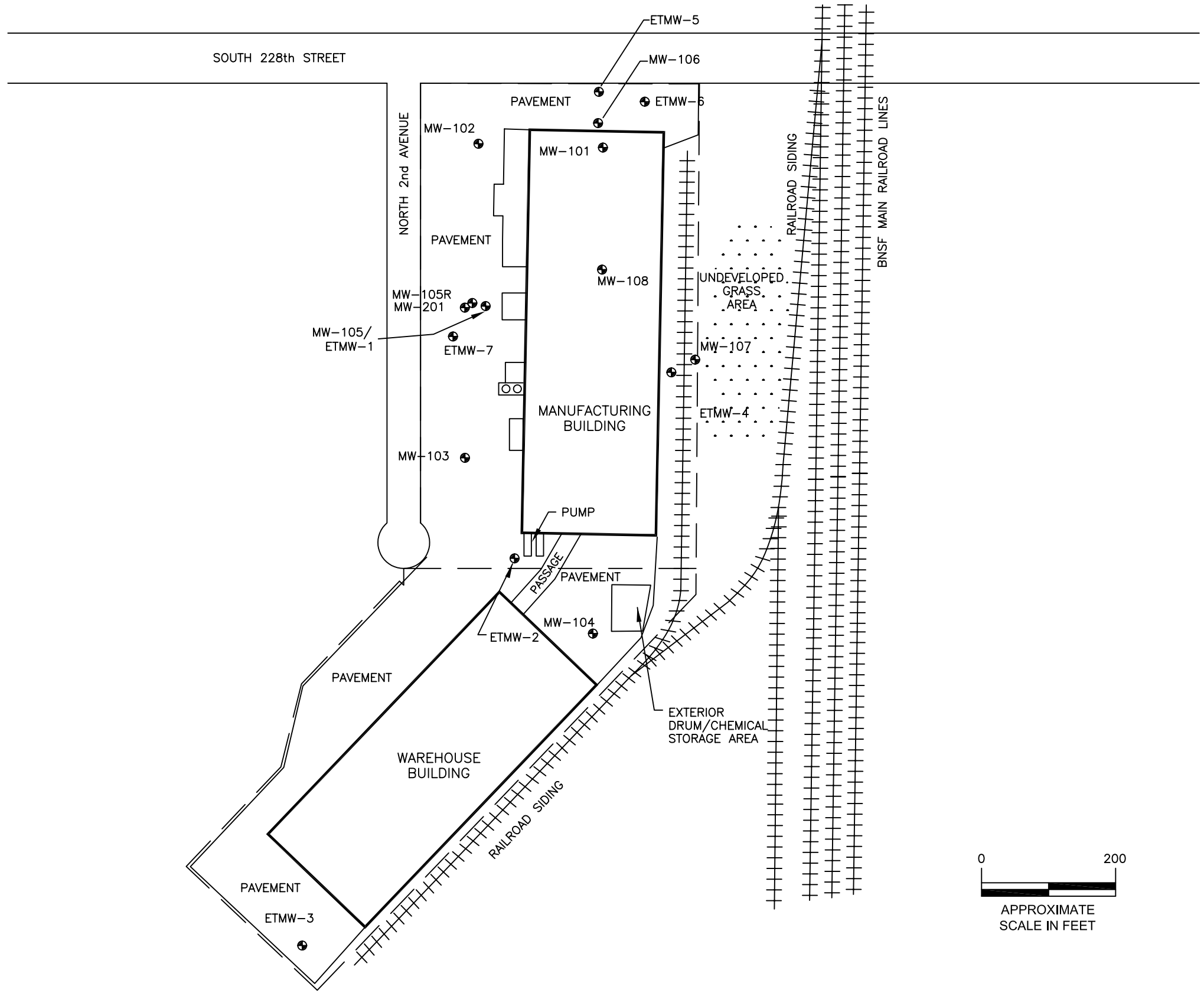
FIGURE 1

COMMENTS: Source: iMAP, retrieved 1/25/15

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Date: 1/25/2015 Source: King County iMAP - Groundwater Program (http://www.metrokc.gov/GIS/iMAP)

King County



NOTES:

Monitoring wells ETMW-1, ETMW-4, and ETMW-5 abandoned
Monitoring wells ETMW-6 and MW-105 could not be located after construction
MW-105R is replacement for MW-105

LEGEND:

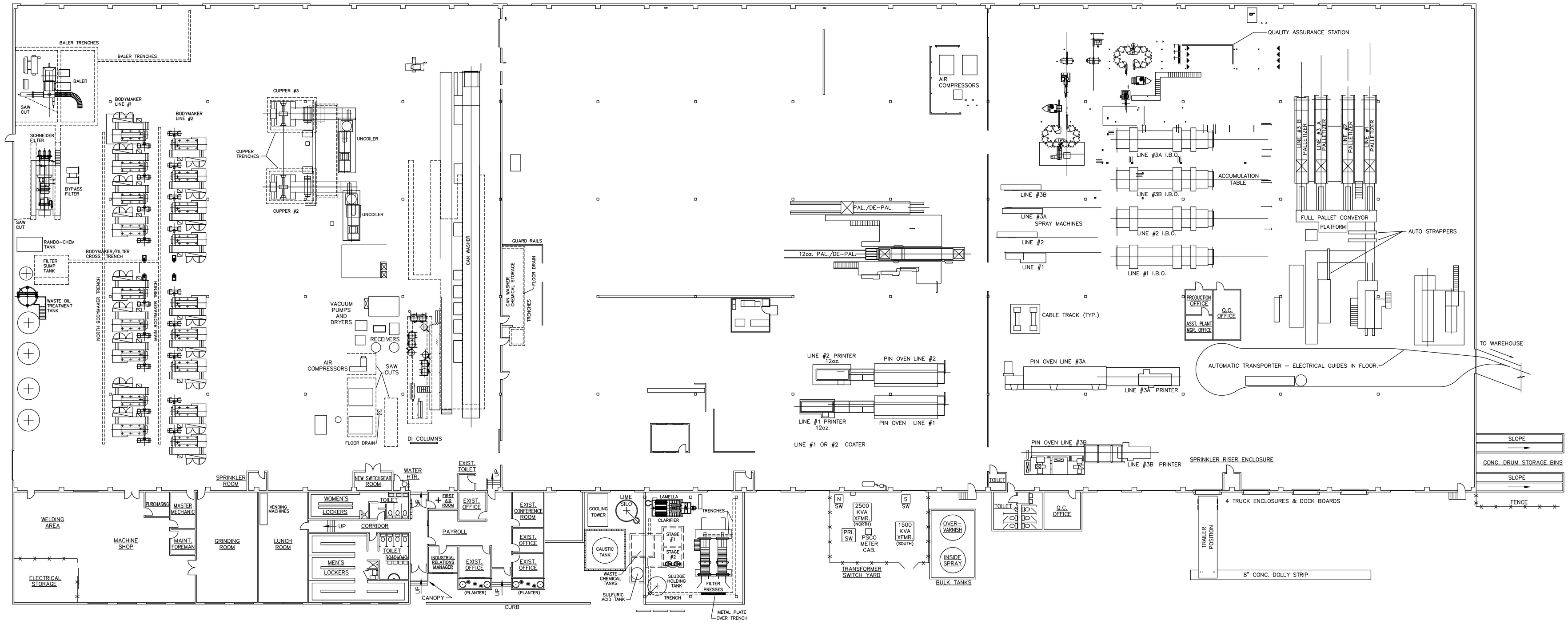
—— = APPROXIMATE PROPERTY LINE
⊕ = GROUNDWATER MONITORING WELL
MW = MONITORING WELL INSTALLED BY ENVISION
ETMW = MONITORING WELL INSTALLED BY EARTHTECH

Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1885 Fax: 609-208-1889

REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032

SITE PLAN SHOWING
MONITORING WELL LOCATIONS

Revisions:	Project No. 302.REX
	Date: 04/03/15
	Scale: As Shown
	Drawing No. FIGURE 2



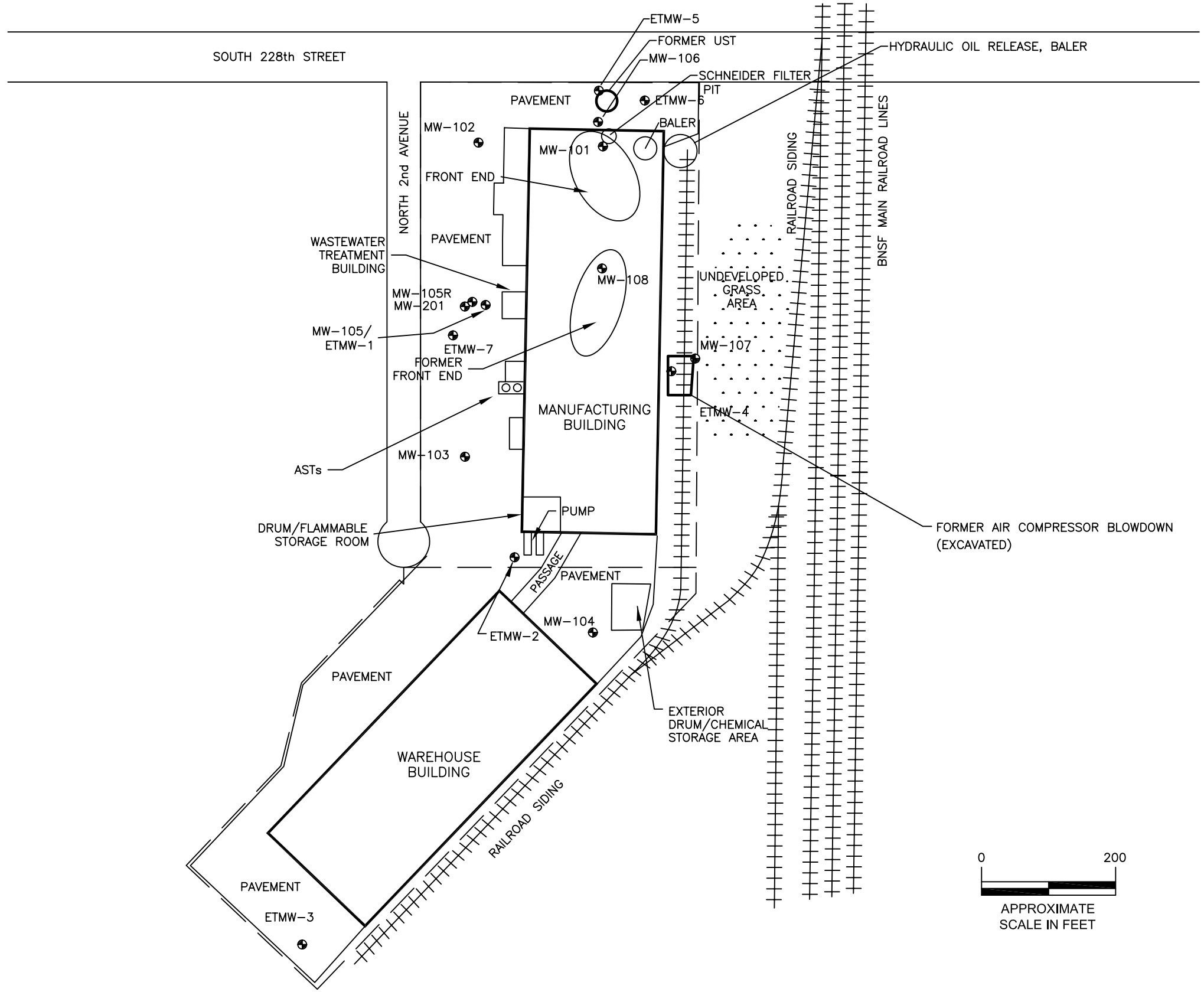
Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1885 Fax: 609-208-1889

REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, WA 98032

MANUFACTURING BUILDING INTERIOR EQUIPMENT LAYOUT

Revisions:

Project No. 302.REX
Date: 07/03/14
Scale: As Shown
Drawing No. FIGURE 3



NOTES:

Monitoring wells ETMW-1, ETMW-4, and ETMW-5 abandoned
Monitoring wells ETMW-6 and MW-105 could not be located after construction
MW-105R is replacement for MW-105

LEGEND:

—— = APPROXIMATE PROPERTY LINE
⊕ = GROUNDWATER MONITORING WELL
MW = MONITORING WELL INSTALLED BY ENVISION
ETMW = MONITORING WELL INSTALLED BY EARTHTECH

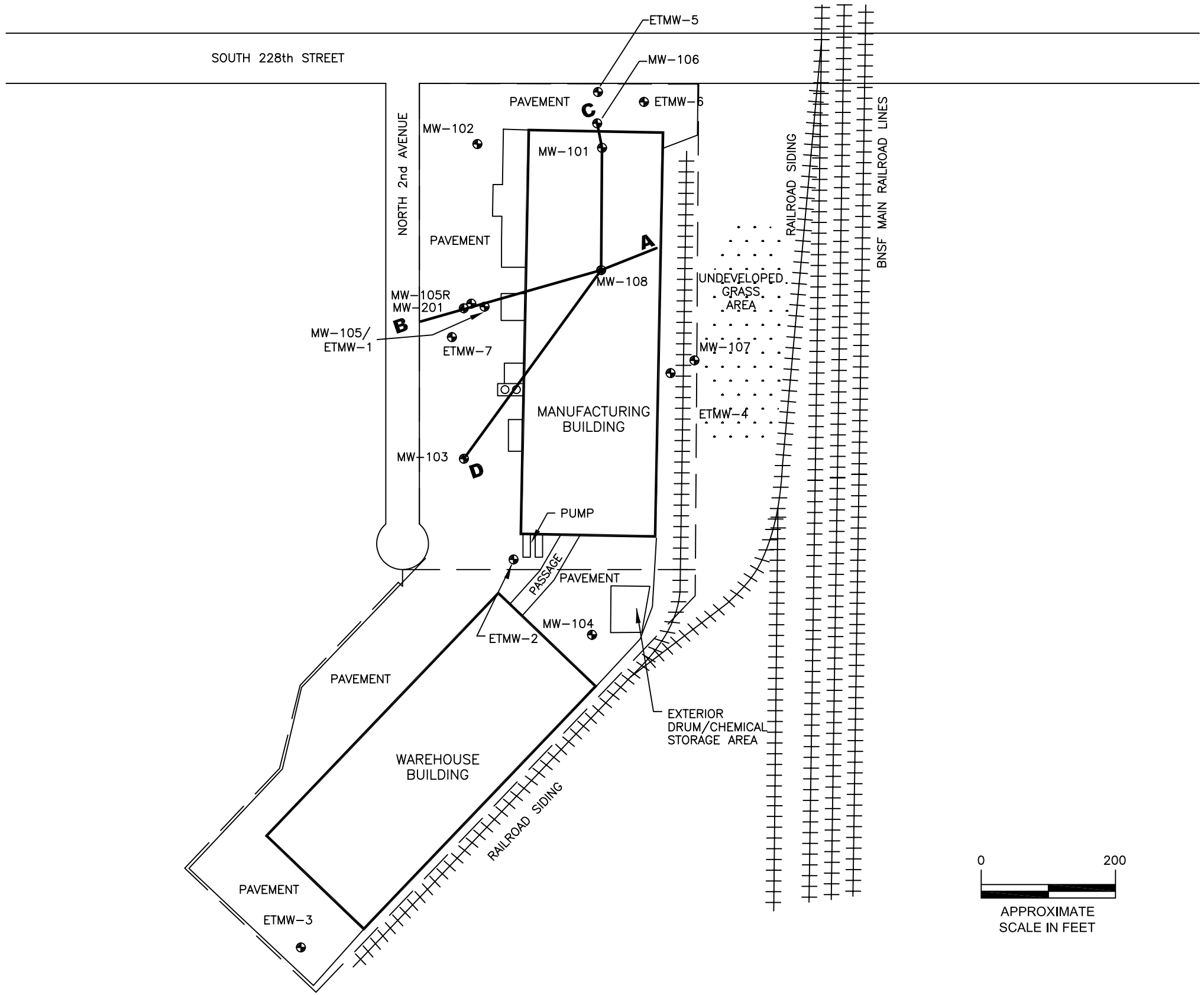
Envision Environmental, Inc.
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REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032

POTENTIAL SOURCES OF SITE CONTAMINATION

Revisions:

Project No. 302.REX
Date: 04/03/15
Scale: As Shown
Drawing No. FIGURE 4



NOTES:

Monitoring wells ETMW–1, ETMW–4, and ETMW–5 abandoned
Monitoring wells ETMW–6 and MW–105 could not be located after construction
MW–105R is replacement for MW–105

LEGEND:

—— = APPROXIMATE PROPERTY LINE
⊕ = GROUNDWATER MONITORING WELL
MW = MONITORING WELL INSTALLED BY ENVISION
ETMW = MONITORING WELL INSTALLED BY EARTHTECH

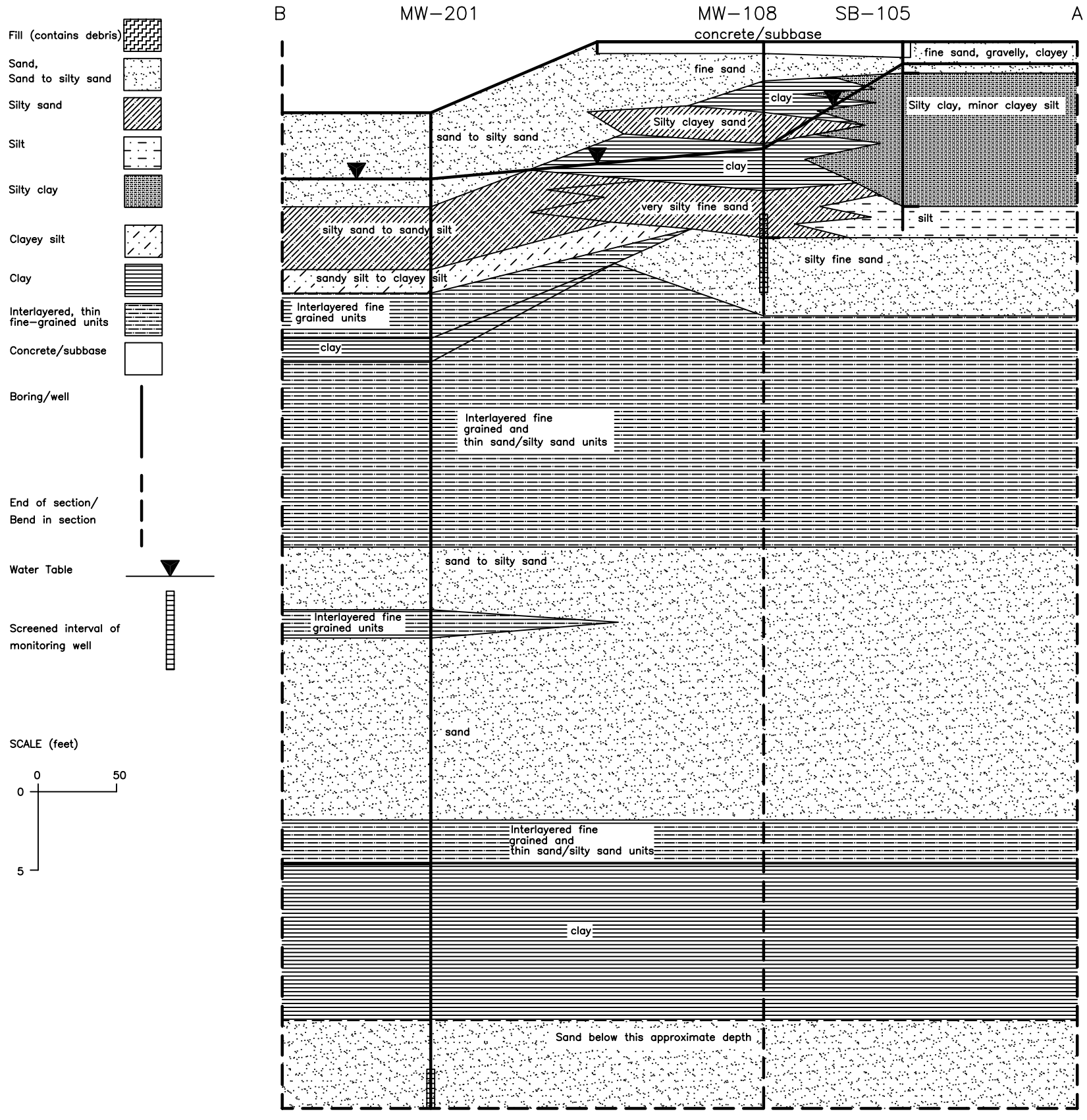
Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609–208–1885 Fax: 609–208–1889

REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032

SITE PLAN SHOWING
LINES OF CROSS–SECTIONS

Revisions:

Project No. 302.REX
Date: 04/15/15
Scale: As Shown
Drawing No. FIGURE 5



Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
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REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
CROSS-SECTION
LINE OF SECTION A - B

Revisions:

Project No.	302.REX
Date:	07/03/15
Scale:	As Shown
Drawing No.	FIGURE 6

Fill (contains debris)

Sand,
Sand to silty sand

Silty sand

Silt

Silty clay

Clayey silt

Clay

Interlayered, thin
fine–grained units

Concrete/subbase

Boring/well

End of section/
Bend in section

Water Table

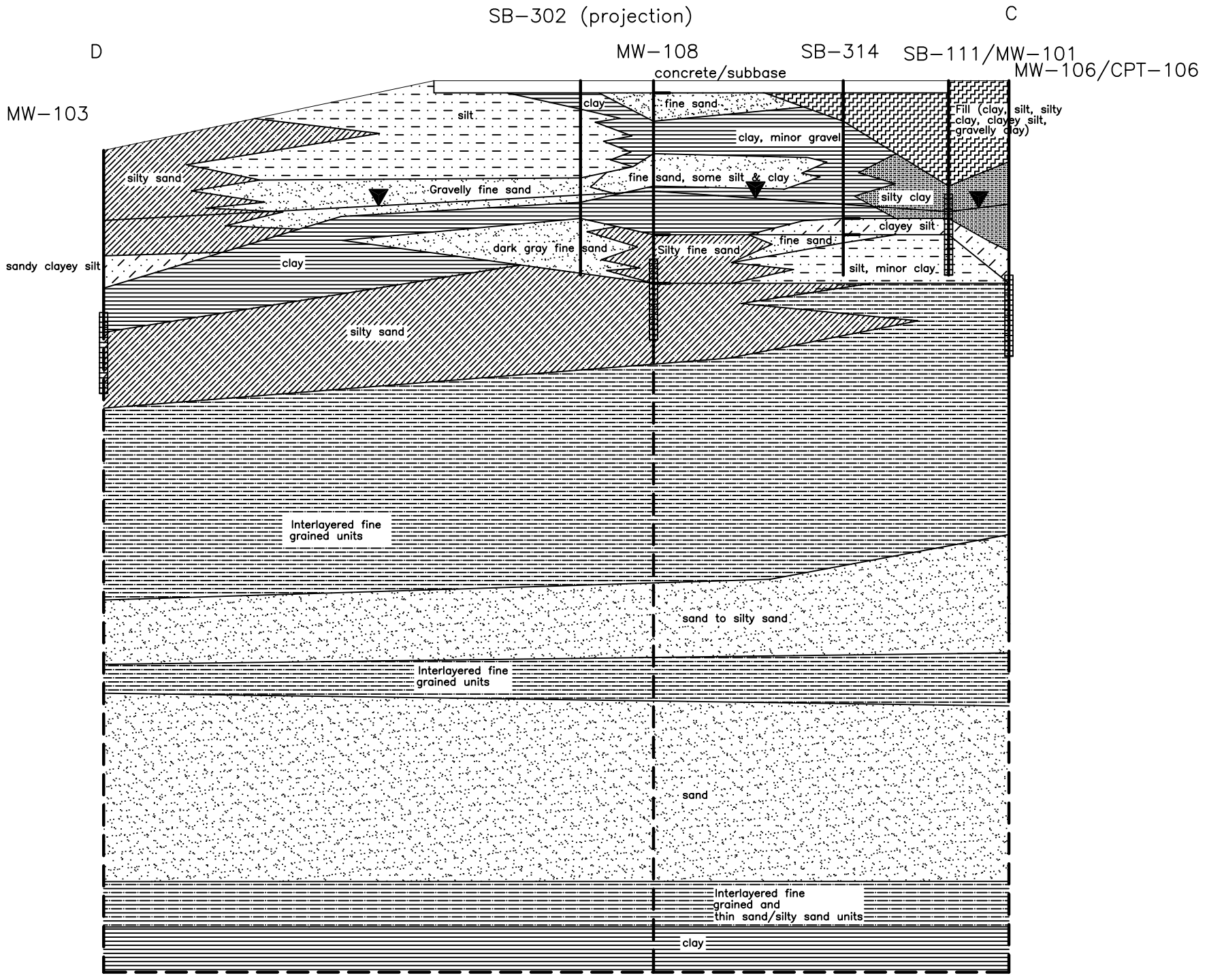
Screened interval of
monitoring well

SCALE (feet)

0 50

0

5



Envision Environmental, Inc.
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Phone: 609–208–1885 Fax: 609–208–1889

REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
CROSS – SECTION
LINE OF SECTION C – D

Revisions:

Project No.	302.REX
Date:	02/20/15
Scale:	As Shown
Drawing No.	FIGURE 7

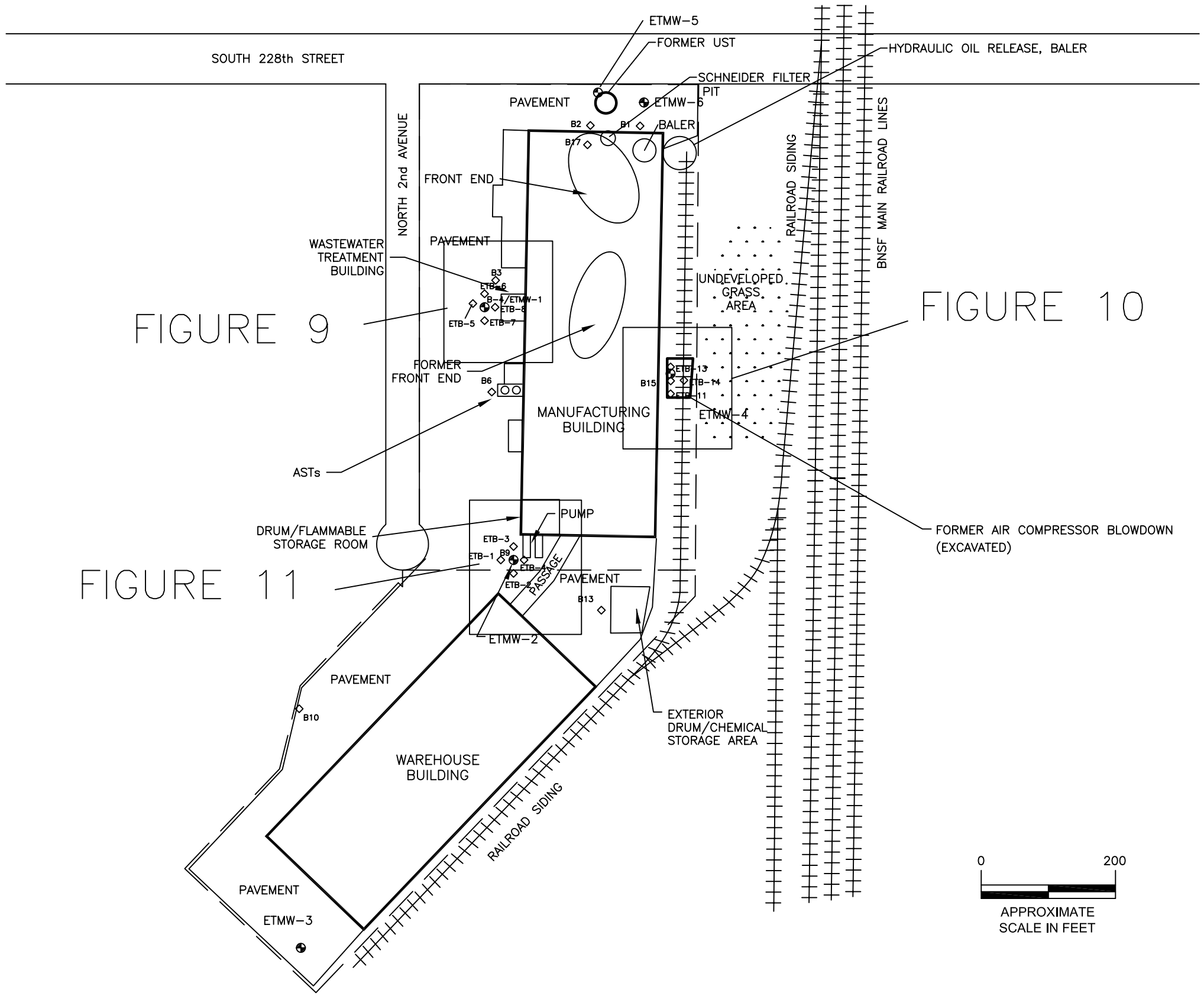


FIGURE 9

FIGURE 10

FIGURE 11

LEGEND:

—— = APPROXIMATE PROPERTY LINE

◓ = GROUNDWATER MONITORING WELL

◇ = PRK and EARTHTECH SOIL BORINGS (B – PRK, ETB/ETMW – EARTHTECH)

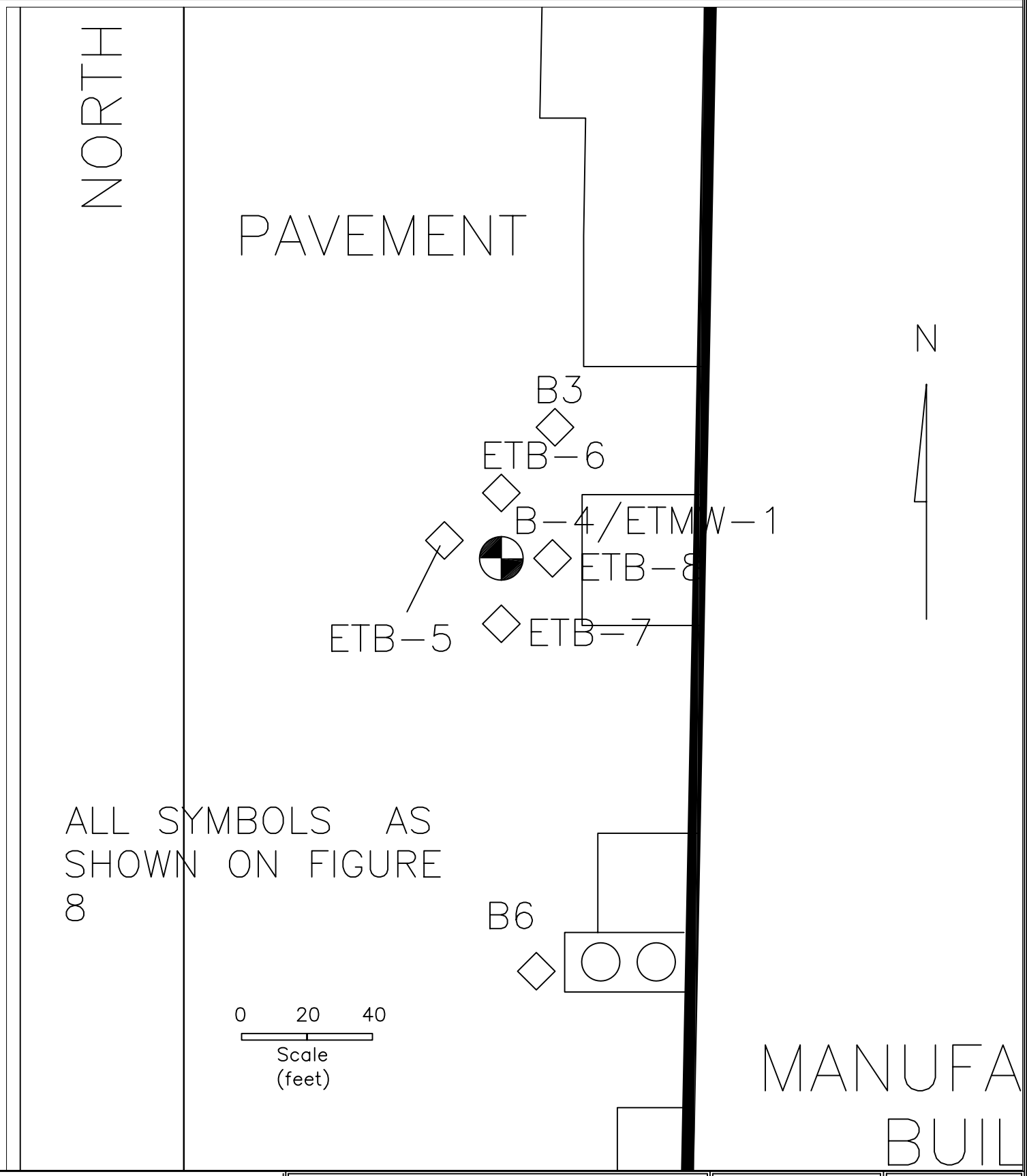
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REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032

PRK and EARTHTECH SOIL BORINGS

Revisions:

Project No.	302.REX
Date:	04/15/15
Scale:	As Shown
Drawing No.	FIGURE 8

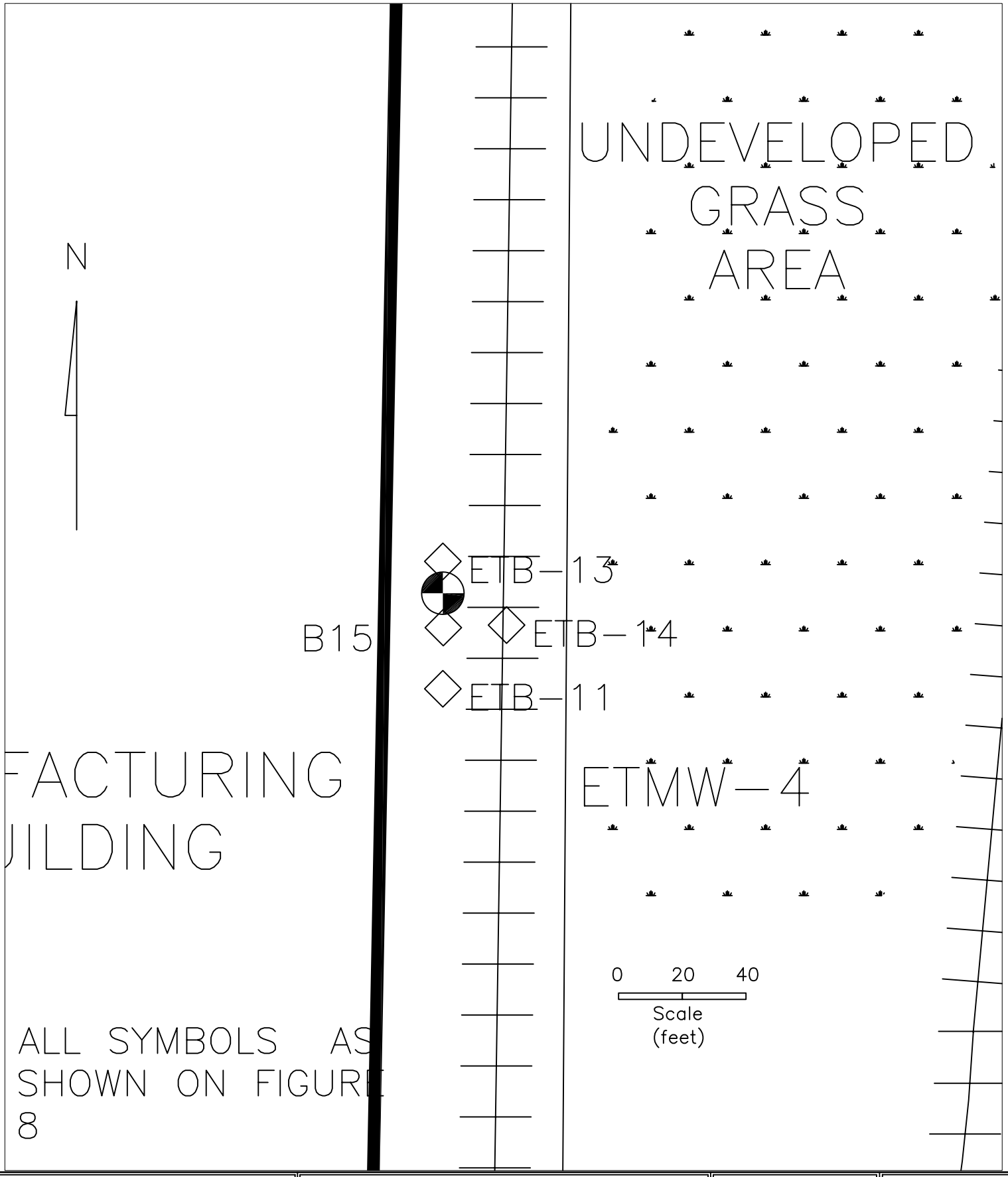


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REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
PRK and EARTHTECH BORINGS
WASTEWATER TREATMENT BUILDING

Revisions:

Project No. 302.REX
Date: 04/23/15
Scale: As Shown
Drawing No. FIGURE 9

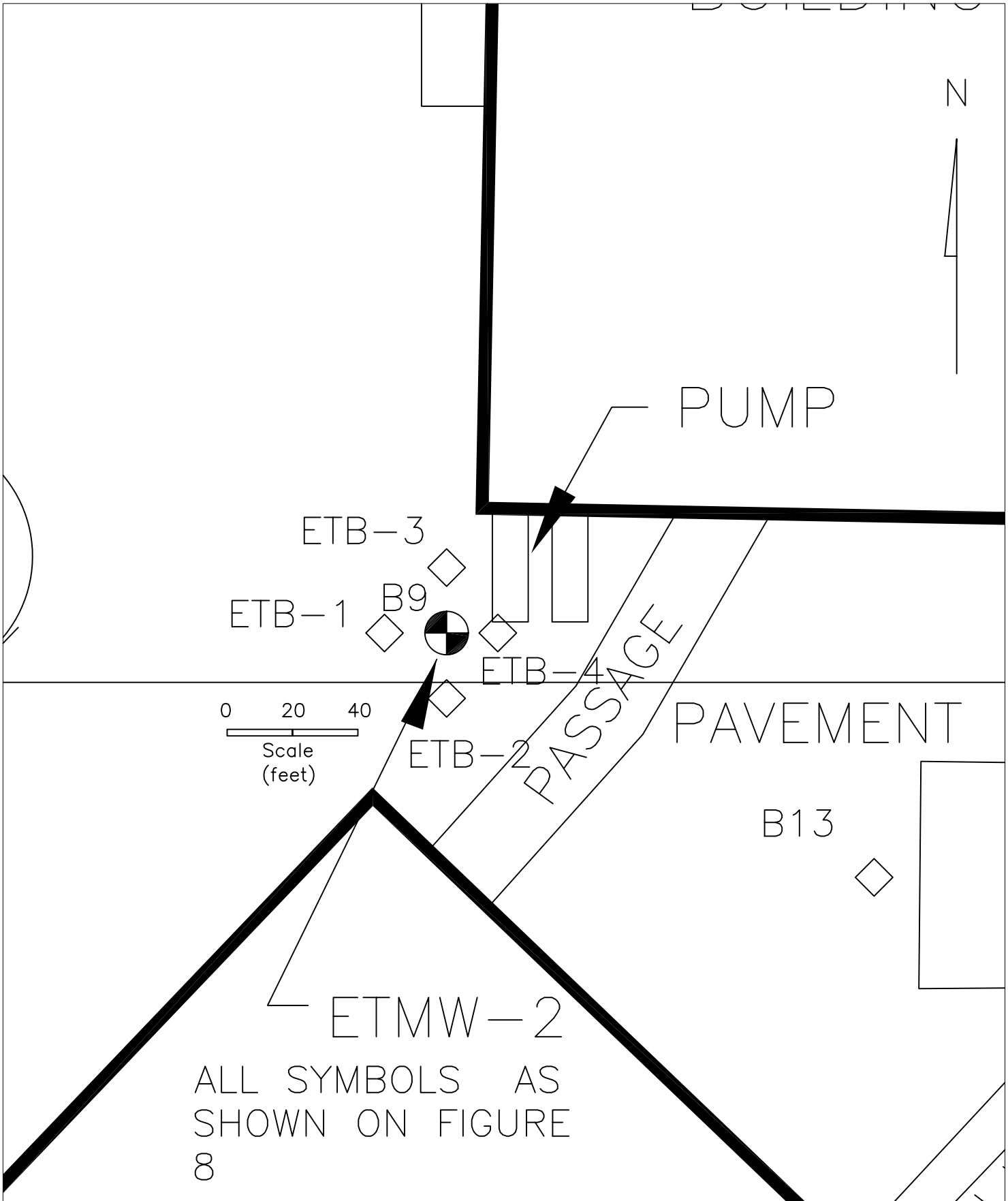


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REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
PRK and EARTHTECH BORINGS
FORMER COMPRESSOR BLOWDOWN

Revisions:

Project No. 302.REX
Date: 04/23/15
Scale: As Shown
Drawing No.
FIGURE 10

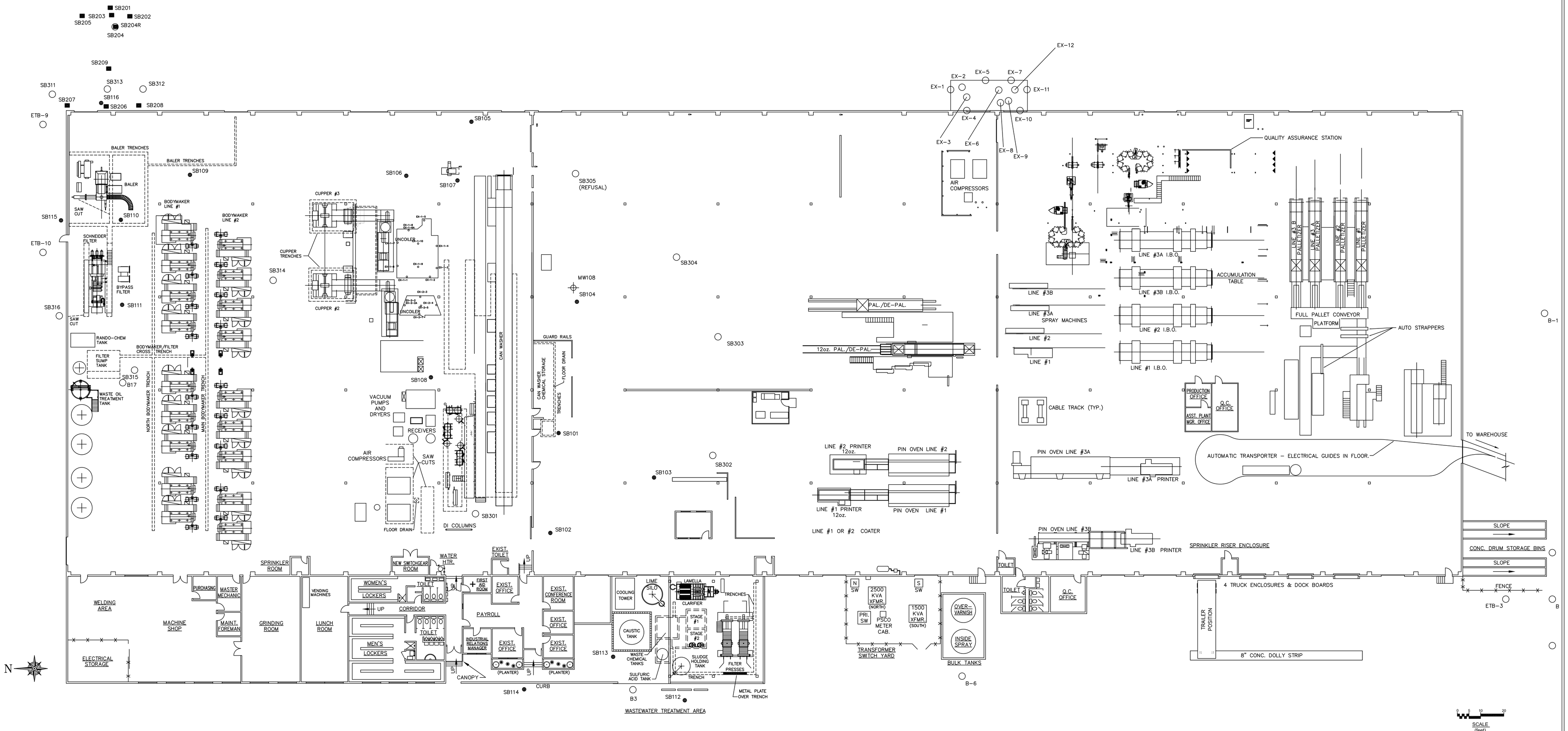


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REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
PRK and EARTHTECH BORINGS
OUTSIDE DRUM STORAGE ROOM

Revisions:

Project No. 302.REX
Date: 04/23/15
Scale: As Shown
Drawing No.
FIGURE 11



LEGEND:

- ⊕ = GROUNDWATER MONITORING WELL
- ● = SOIL SAMPLE LOCATION, 2011
- ■ = HYDRAULIC OIL RELEASE, 2011
- ○ = ALL OTHER SOIL BORING OR SAMPLE LOCATIONS

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REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, WA 98032

SOIL BORINGS IN/NEAR MANUFACTURING BUILDING

Revisions:

Project No. 302.REX
Date: 04/15/15
Scale: As Shown
Drawing No.

FIGURE 12

ALL UNITS IN µg/Kg, DEPTH IN FEET
BELOW SURFACE OF BUILDING FLOOR

SAMPLE	EX-1-1	EX-1-2	EX-1-3	EX-1-4	EX-1-5	EX-1-6	EX-1-6A	EX-1-7	EX-1-8	EX-1-9	EX-1-10	EX-2-1	EX-2-2	EX-2-2A	EX-2-3	EX-2-4	EX-2-5
DEPTH	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5	0.0-0.5
MC	ND	3.2	1.1	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	0.97	ND
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-TCA	420	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

SB204RA (Results in µg/Kg)	
PARAMETER / DEPTH (FT)	0.3-0.8
MC	ND
TCE	ND
PCE	ND
1,1,1-TCA	ND

SB116 (Results in µg/Kg)		
PARAMETER / DEPTH (FT)	0.5 - 1.5	6.5 - 7.5
MC	ND	ND
TCE	ND	11
PCE	ND	18
1,1,1-TCA	1.1	690

SB313 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.5-1.5	2-3	6-7
MC	ND	ND	ND
TCE	ND	ND	ND
PCE	ND	ND	ND
1,1,1-TCA	ND	ND	ND

SB311 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.5-1.5	2-3	6-7
MC	ND	ND	ND
TCE	ND	72	ND
PCE	ND	ND	ND
1,1,1-TCA	ND	520	54

SB312 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.5-1.5	2-3	5.5-6.5
MC	ND	ND	ND
TCE	ND	ND	ND
PCE	ND	ND	ND
1,1,1-TCA	ND	ND	ND

SB105 (Results in µg/Kg)		
PARAMETER / DEPTH (FT)	1.0-2.0	9.5-10.5
MC	ND	ND
TCE	ND	ND
PCE	ND	ND
1,1,1-TCA	25	2.1

SB106 (Results in µg/Kg)		
PARAMETER / DEPTH (FT)	0.5-1.5	9.5-10.5
MC	ND	ND
TCE	ND	ND
PCE	0.92	ND
1,1,1-TCA	3.2	2.4

SB107 (Results in µg/Kg)		
PARAMETER / DEPTH (FT)	0.5-1.5	9.5-10.5
MC	ND	ND
TCE	ND	ND
PCE	ND	ND
1,1,1-TCA	6.7	ND

SB109 (Results in µg/Kg)		
PARAMETER / DEPTH (FT)	1.0-2.0	10.0-11.0
MC	ND	ND
TCE	ND	ND
PCE	ND	ND
1,1,1-TCA	ND	ND

SB115 (Results in µg/Kg)		
PARAMETER / DEPTH (FT)	0.25-1.25	3.0-4.0
MC	ND	ND
TCE	ND	ND
PCE	ND	ND
1,1,1-TCA	ND	ND

SB110 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	1.0-2.0	11.0-12.0	15.0-16.0
MC	**10,000**	**940**	**40**
TCE	8.3	5.2	1.9
PCE	8.8	12	6.4
1,1,1-TCA	**22,000**	1,400	43

SB316 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.5-1.5	4.25-5.25	9-10
MC	ND	ND	ND
TCE	ND	ND	ND
PCE	ND	ND	ND
1,1,1-TCA	ND	ND	ND

SB111 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.75 - 1.75	4.25 - 5.25	9.5 - 10.5
MC	ND	ND	ND
TCE	83	61	ND
PCE	**1,200**	**700**	ND
1,1,1-TCA	ND	ND	ND

SB315 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.5-1.5	4.25-5.25	7-8
MC	ND	ND	ND
TCE	ND	ND	ND
PCE	**59**	ND	ND
1,1,1-TCA	ND	ND	ND

B17 (Results in µg/Kg)	
PARAMETER / DEPTH (FT)	1.5-2.0
MC	ND
TCE	ND
PCE	**110**
1,1,1-TCA	ND

SB314 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.5-1.5	4.25-5.25	11-12
MC	ND	ND	ND
TCE	ND	ND	ND
PCE	**350**	ND	ND
1,1,1-TCA	ND	ND	ND

SB108 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.5-1.5	6.5-7.5	10.0-11.0
MC	ND	ND	ND
TCE	ND	ND	ND
PCE	ND	ND	ND
1,1,1-TCA	ND	ND	ND

SB304 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	0.5-1.5	3.5-4.5	14	8-9
MC	ND	ND	ND	ND
TCE	ND	**130**	**1,600**	**8,200**
PCE	27	**270**	**870**	**36,000**
1,1,1-TCA	**3,100**	**68,000**	**1,500,000**	**4,900,000**

SB104 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.75-1.75	3.5-4.5	6.5-7.5	10.0-11.0
MC	ND	ND	ND	ND
TCE	**1,200**	**1,200**	8.7	ND
PCE	**1,500**	**2,000**	5	ND
1,1,1-TCA	**630,000**	**660,000**	**2,200**	40

SB303 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	0.5-1.5	3.5-4.5	6.5-7.5	8.5-9.5
MC	ND	590	ND	ND
TCE	**53**	**73**	**52**	ND
PCE	**73**	**760**	**110**	**140**
1,1,1-TCA	**8,800**	**470,000**	**15,000**	390

SB101 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	0.75-1.75	3.5-4.5	6.5-7.5	10.0-11.0
MC	ND	ND	ND	**56**
TCE	3.9	**750**	**1,700**	ND
PCE	32	**2,200**	**2,700**	15
1,1,1-TCA	860	**190,000**	**410,000**	**3,300**

SB302 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	1-2	3.5 - 4.5	7-8	11-12
MC	ND	ND	ND	ND
TCE	27	**150**	**8,700**	**900**
PCE	ND	**150**	**25,000**	**3,700**
1,1,1-TCA	140	**22,000**	**2,000,000**	**160,000**

SB103 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	0.75-1.75	6.5-7.5	9.0-10.0	
MC	ND	ND	**46**	
TCE	8.8	ND	7.2	
PCE	3.9	**1,700**	41	
1,1,1-TCA	37	**14,000**	**4,800**	

SB301 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	0.5-1.5	3.5-4.5	6.5-7.5	11-12
MC	ND	ND	ND	ND
TCE	ND	ND	ND	ND
PCE	ND	ND	ND	ND
1,1,1-TCA	ND	ND	ND	ND

SB102 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.75-1.75	6.5-7.5	9.5-10.5
MC	ND	ND	ND
TCE	ND	ND	**320**
PCE	1.0	ND	**1,000**
1,1,1-TCA	6.2	890	**3,400**

SB113 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.25-1.25	4.0-5.5	
MC	ND	ND	
TCE	ND	ND	
PCE	ND	ND	
1,1,1-TCA	ND	ND	

SB114 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.25-1.25	4.0-5.0	
MC	ND	ND	
TCE	ND	ND	
PCE	ND	ND	
1,1,1-TCA	ND	ND	

SB112 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.25-1.25	6.0-7.0	
MC	ND	ND	
TCE	ND	ND	
PCE	ND	ND	
1,1,1-TCA	ND	2.7	

B-6	
SAMPLE	B-6
DEPTH	7.0-9.0
MC	ND
TCE	0.22
PCE	ND
1,1,1-TCA	ND

ALL UNITS IN µg/Kg, DEPTH IN FEET BELOW BUILDING FLOOR

1,1,1-Trichloroethane Isopleth, < 2 feet bgs — 1,000

1,1,1-Trichloroethane Isopleth, > 8 feet bgs — *1,000*

LEGEND:

MC = Methylene Chloride
TCE = Trichloroethene
PCE = Tetrachloroethene
1,1,1-TCA = 1,1,1-Trichloroethane

Bolded concentrations exceed the MTCA Method A Cleanup Level.

LEGEND:

- ⊕ = GROUNDWATER MONITORING WELL
- ● = SOIL SAMPLE LOCATION, 2011
- ■ = HYDRAULIC OIL RELEASE, 2011
- ○ = ALL OTHER SOIL BORING OR SAMPLE LOCATIONS

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REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, WA 98032

SOIL BORING and SAMPLE LOCATIONS with VOC CONCENTRATIONS

Revisions:

Project No.	302.REX
Date:	05/18/15
Scale:	As Shown
Drawing No.	FIGURE 13

EX-2-2A	EX-2-3	EX-2-4	EX-2-5
0-2.5	0.0-0.5	0.0-0.5	0.0-0.5
ND	ND	0.97	ND
ND	ND	ND	ND
ND	ND	ND	ND
ND	ND	ND	ND

ALL UNITS IN µg/Kg, DEPTH IN FEET BELOW SURFACE OF BUILDING FLOOR

SAMPLE	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8	EX-9	EX-10	EX-11	EX-12
DEPTH	4.5-5.0	5.0-5.5	7.0-7.5	6.5-7.0	4.5-5.0	5.0-5.5	4.5-5.0	6.5-7.0	8.0-8.5	6.5-7.0	4.5-5.0	5.0-5.5
MC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	ND	ND
1,1,1-TCA	3.9	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND

ALL UNITS IN mg/Kg, DEPTH IN FEET BELOW GROUND SURFACE

SAMPLE	B-13
DEPTH	6.0-9.0
MC	0.29
TCE	0.49
PCE	ND
1,1,1-TCA	ND

B-13

SB305 (REFUSAL)

1,000

10,000

100,000

SB304

1,000,000

100,000 10,000

1,000

MW108

SB104

SB104 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	0.75-1.75	3.5-4.5	6.5-7.5	10.0-11.0
MC	ND	ND	ND	ND
TCE	1,600	1,200	8.9	ND
PCE	1,500	2,000	6.2	ND
1,1,1-TCA	630,000	660,000	2,200	49

SB303

GUARD RAILS

CAN WASH CHEMICAL STORAGE

FLOOR DRAIN

TRENCHES

SB101

SB101 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	0.75-1.75	3.5-4.5	6.5-7.0	10.0-11.0
MC	ND	ND	ND	56
TCE	3.0	750	1,700	ND
PCE	32	2,200	2,700	15
1,1,1-TCA	660	190,000	410,000	3,300

SB302 (Results in µg/Kg)				
PARAMETER / DEPTH (FT)	1-2	3.5 - 4.5	7-8	11-12
MC	ND	ND	ND	ND
TCE	27	190	8,700	900
PCE	ND	150	25,000	3,700
1,1,1-TCA	240	22,000	2,000,000	160,000

SB103 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.75-1.75	6.5-7.5	9.0-10.0
MC	ND	ND	46
TCE	8.6	ND	7.2
PCE	3.9	1,700	31
1,1,1-TCA	37	14,000	4,800

100,000 10,000

SB103

SB102

SB102 (Results in µg/Kg)			
PARAMETER / DEPTH (FT)	0.75-1.75	6.5-7.5	9.5-10.5
MC	ND	ND	ND
TCE	ND	ND	320
PCE	1.0	ND	1,200
1,1,1-TCA	6.2	890	3,400

EXIST. CONFERENCE ROOM

EXIST. OFFICE

EXIST. OFFICE

(PLANTER)

COOLING TOWER

LIME SILO

LAMELLA CLARIFIER

TRENCHES

CAUSTIC TANK

STAGE #1

STAGE #2

WASTE CHEMICAL TANKS

SLUDGE HOLDING TANK

TRENCH

FILTER PRESSES

SULFURIC ACID TANK

METAL PLATE OVER TRENCH

CURB

SB113

SB113 (Results in µg/Kg)		
PARAMETER / DEPTH (FT)	0.25-1.25	4.5-5.5
MC	ND	ND
TCE	ND	ND
PCE	ND	ND
1,1,1-TCA	ND	ND

B3

SB112

SB112 (Results in µg/Kg)		
PARAMETER / DEPTH (FT)	0.25-1.25	6.0-7.0
MC	ND	ND
TCE	ND	ND
PCE	ND	ND
1,1,1-TCA	ND	2.7

WASTEWATER TREATMENT AREA

EX-1 EX-2 EX-3 EX-4 EX-5 EX-6 EX-7 EX-8 EX-9 EX-10 EX-11 EX-12

AIR COMPRESSORS

QUALITY ASSURANCE STATION

LINE #3A I.B.O.

LINE #3B I.B.O.

LINE #2 I.B.O.

LINE #1 I.B.O.

ACCUMULATION TABLE

LINE #3B

LINE #3A

SPRAY MACHINES

LINE #2

LINE #1

LINE #3 B PALLETIZER

LINE #3 A PALLETIZER

LINE #2 PALLETIZER

LINE #1 PALLETIZER

FULL PALLET CONVEYOR

PLATFORM

AUTO STRAPPERS

PAL./DE-PAL.

12oz. PAL./DE-PAL.

CABLE TRACK (TYP.)

PRODUCTION OFFICE

ASST. PLANT MGR. OFFICE

Q.C. OFFICE

TO WAREHOUSE

AUTOMATIC TRANSPORTER - ELECTRICAL GUIDES IN FLOOR.

LINE #2 PRINTER 12oz.

PIN OVEN LINE #2

LINE #1 PRINTER 12oz.

PIN OVEN LINE #1

LINE #1 OR #2 COATER

PIN OVEN LINE #3A

LINE #3A PRINTER

PIN OVEN LINE #3B

LINE #3B PRINTER

SPRINKLER RISER ENCLOSURE

TOILET

TOILET

Q.C. OFFICE

4 TRUCK ENCLOSURES & DOCK BOARDS

TRAILER POSITION

8" CONC. DOLLY STRIP

N SW

2500 KVA XFMR. (NORTH)

PRI. SW

PSCO METER CAB.

S SW

1500 KVA XFMR. (SOUTH)

TRANSFORMER SWITCH YARD

OVER-VARNISH

INSIDE SPRAY

BULK TANKS

B-6

SAMPLE	B-6
DEPTH	7.0-9.0
MC	ND
TCE	0.22
PCE	ND
1,1,1-TCA	ND

ALL UNITS IN µg/Kg, DEPTH IN FEET BELOW BUILDING FLOOR

SLOPE

CONC. DRUM STORAGE BINS

SLOPE

FENCE

ETB-4

ETB-3

B-9

ETB-2

ETB-1

ALL UNITS IN mg/Kg, DEPTH IN FEET BELOW GROUND SURFACE

SAMPLE	B-9	ETB-1	ETB-2	ETB-3	ETB-4
DEPTH	5.0-7.0	4.0-5.0	4.0-5.0	4.0-5.0	4.0-5.0
MC	0.29	ND	ND	ND	ND
TCE	0.46	ND	ND	ND	ND
PCE	ND	ND	ND	ND	ND
1,1,1-TCA	ND	ND	ND	ND	ND

N

SCALE (feet) 0 5 10 20

LEGEND:

MC = Methylene Chloride
TCE = Trichloroethene
PCE = Tetrachloroethene
1,1,1-TCA = 1,1,1-Trichloroethane

Bolded concentrations exceed the MTCA Method A Cleanup Level.

LEGEND:

⊕ = GROUNDWATER MONITORING WELL
● = SOIL SAMPLE LOCATION, 2011
■ = HYDRAULIC OIL RELEASE, 2011
○ = ALL OTHER SOIL BORING OR SAMPLE LOCATIONS

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1220 NORTH 2nd AVENUE
KENT, WA 98032

SOIL BORING and SAMPLE LOCATIONS with VOC CONCENTRATIONS

Revisions:	Project No. 302.REX
	Date: 05/16/15
	Scale: As Shown
	Drawing No. FIGURE 13A

ALL UNITS IN mg/Kg, DEPTH IN FEET
BELOW SURFACE OF BUILDING FLOOR

SAMPLE	SB204RA	SB201A	SB202A	SB203A	SB204A	SB204B	SB205A	SB206A	SB206B	SB206C	SB206D	SB207A	SB207B	SB208A	SB208B	SB209A	SB209B
DEPTH	0.3–0.8	0.0–0.5	0.0–0.5	0.0–0.5	0.3–0.8	2.0–2.5	0.0–0.5	0.0–0.5	1.5–2.0	2.0–2.5	3.5–4.0	1.5–2.0	2.0–2.25	1.5–2.0	2.0–2.25	1.5–2.0	2.0–2.25
NWTPH–Gx	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Motor Oil	ND	ND	ND	ND	260	ND	110	880	**6,800**	**2,300**	79	**2,000**	ND	ND	ND	ND	ND
#2 Diesel	ND	ND	ND	320	**3,000**	ND	370	**6,600**	**11,000**	**4,500**	ND	**5,900**	ND	ND	ND	ND	ND
BaP	NA	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

SAMPLE	EX–1–1	EX–1–2	EX–1–3	EX–1–4	EX–1–5	EX–1–6	EX–1–6A	EX–1–7	EX–1–8	EX–1–9	EX–1–10	EX–2–1	EX–2–2	EX–2–2A	EX–2–3	EX–2–4	EX–2–5
DEPTH	0.0–0.5	0.0–0.5	0.0–0.5	0.0–0.5	0.0–0.5	0.0–0.5	2.0–2.5	0.0–0.5	0.0–0.5	0.0–0.5	0.0–0.5	0.0–0.5	0.0–0.5	2.0–2.5	0.0–0.5	0.0–0.5	0.0–0.5
NWTPH–Gx	5.0	ND	ND	8.7	49	32	ND	14	18	5.2	8.8	29	44	3.8	2.9	ND	14
Motor Oil	**3,400**	840	1,700	**27,000**	**34,000**	**84,000**	**2,600**	**71,000**	**76,000**	**12,000**	**31,000**	**47,000**	**50,000**	1,400	**72,000**	680	**14,000**
#2 Diesel	570	270	290	**3,700**	**6,100**	**10,000**	450	**10,000**	**8,500**	1,900	**4,500**	**5,800**	**7,800**	240	**8,500**	82	1,700
BaP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

SB116 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	6.5–7.5
NWTPHGx	8.4	7.1
Motor Oil	**2,400**	690
#2 Diesel	440	160
BaP	ND	ND

SB313 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	2–3	6–7
NWTPHGx	360	ND	ND
Motor Oil	**2,600**	680	ND
#2 Diesel	600	160	ND

SB311 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	2–3	6–7
NWTPHGx	ND	ND	ND
Motor Oil	1,400	NA	ND
#2 Diesel	91	NA	ND

SB312 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	2–3	5.5–6.5
NWTPHGx	ND	ND	ND
Motor Oil	1,300	ND	ND
#2 Diesel	200	ND	ND

SB115 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.25 – 1.25	3.0 – 4.0
NWTPHGx	ND	ND
Motor Oil	220	ND
#2 Diesel	ND	ND
BaP	ND	ND

SB110 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	1.0 – 2.0	11.0 – 12.0	15.0 – 16.0
NWTPHGx	8.7	8.4	ND
Motor Oil	70	340	ND
#2 Diesel	27	120	ND
BaP	ND	ND	ND

SB316 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	4.25–5.25	9–10
NWTPHGx	ND	ND	ND
Motor Oil	ND	ND	ND
#2 Diesel	ND	ND	ND

SB111 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 – 1.75	4.25 – 5.25	9.5 – 10.5
NWTPHGx	**1,400**	**1,600**	ND
Motor Oil	**14,000**	**11,000**	ND
#2 Diesel	**3,600**	**2,700**	ND
BaP	ND	ND	ND

SB315 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	4.25–5.25	7–8
NWTPHGx	37	ND	ND
Motor Oil	**13,000**	ND	ND
#2 Diesel	**2,300**	ND	ND

B17 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	1.5–2.0
#2 Diesel	1,600
Motor Oil	**5,900**

SB105 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	1.0–2.0	9.5 – 10.5
NWTPHGx	ND	ND
Motor Oil	ND	ND
#2 Diesel	ND	ND
BaP	ND	ND

SB106 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5 – 1.5	9.5 – 10.5
NWTPHGx	ND	ND
Motor Oil	**2,300**	ND
#2 Diesel	370	ND
BaP	ND	ND

SB109 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	1.0 – 2.0	10.5 – 11.5
NWTPHGx	ND	ND
Motor Oil	83	ND
#2 Diesel	ND	ND
BaP	ND	ND

SB107 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5 – 1.5	9.5 – 10.5
NWTPHGx	ND	ND
Motor Oil	770	ND
#2 Diesel	39	ND
BaP	ND	ND

SB304 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	3.5 – 4.5	7–8	9–9
NWTPHGx	4.1	13	22	**500**
Motor Oil	ND	650	**14,000**	**13,000**
#2 Diesel	58	180	**2,300**	**2,300**

SB314 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	4.25–5.25	10.0 – 11.0
NWTPHGx	37	ND	ND
Motor Oil	**5,300**	ND	ND
#2 Diesel	380	ND	ND

SB104 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 – 1.75	3.5 – 4.5	6.5 – 7.5	10.0 – 11.0
NWTPHGx	35	**100**	ND	ND
Motor Oil	**11,000**	**9,900**	55	ND
#2 Diesel	1,600	**2,700**	ND	ND
BaP	ND	ND	ND	ND

SB303 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	3.5 – 4.5	6.5–7.5	8.5–9.5
NWTPHGx	12	22	6.2	3.8
Motor Oil	ND	860	ND	ND
#2 Diesel	ND	350	ND	ND

SB108 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5 – 1.5	6.5 – 7.5	10.0 – 11.0
NWTPHGx	ND	ND	ND
Motor Oil	ND	ND	260
#2 Diesel	ND	ND	69
BaP	ND	ND	ND

SB101 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 – 1.75	3.5 – 4.5	6.5 – 7.5	10.0 – 11.0
NWTPHGx	ND	**350**	**410**	ND
Motor Oil	790	**10,000**	**9,500**	ND
#2 Diesel	170	1,600	1,700	ND
BaP	ND	ND	ND	ND

SB302 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	1–2	3.5 – 4.5	7–8	11–12
NWTPHGx	140	1,300	1,100	1,100
Motor Oil	1,900	**18,000**	**7,800**	**7,800**
#2 Diesel	1,600	**25,000**	**9,000**	**9,700**
BaP	1,540	**22,000**	**3,000,000**	**100,000**

SB103 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 – 1.75	6.5 – 7.5	9.0 – 10.0
NWTPHGx	ND	37	6.3
Motor Oil	ND	**5,900**	ND
#2 Diesel	ND	1,100	ND
BaP	ND	ND	**6.370**

SB301 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.5–1.5	3.5 – 4.5	6.5 – 7.5	11–12
NWTPHGx	ND	ND	ND	3.2
Motor Oil	ND	ND	ND	ND
#2 Diesel	ND	ND	ND	ND

SB102 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 – 1.75	6.5 – 7.5	9.5 – 10.5
NWTPHGx	ND	25	31
Motor Oil	ND	**3,600**	560
#2 Diesel	ND	730	120
BaP	ND	ND	ND

SB114 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.25 – 1.25	4.0 – 5.0
NWTPHGx	ND	ND
Motor Oil	110	1,000
#2 Diesel	ND	72
BaP	ND	ND

SB113 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.25 – 1.25	4.5 – 5.5
NWTPHGx	ND	ND
Motor Oil	67	750
#2 Diesel	ND	54
BaP	ND	ND

SB112 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.25 – 1.25	6.0 – 7.0
NWTPHGx	ND	ND
Motor Oil	65	ND
#2 Diesel	ND	ND
BaP	ND	ND

SAMPLE	B–6
DEPTH	7.0–9.0
NWTPH–Gx	ND
Motor Oil	ND
#2 Diesel	ND
BaP	ND

ALL UNITS IN mg/Kg, DEPTH IN FEET
BELOW SURFACE OF BUILDING FLOOR

Total TPH Isopleth, < 2 feet bgs — 2,000

Total TPH Isopleth, > 8 feet bgs — 2,000

LEGEND:

NWTPH–Gx = NorthWest Total Petroleum Hydrocarbon–Gasoline Fraction
Motor Oil = NWTPH–Diesel Fraction (>C25–C36)
#2 Diesel = NWTPH–Diesel Fraction (C10–C25)
BaP = Benzo(a)Pyrene
NA = Not Analyzed

Bolded concentrations exceed the MTCA Method A Cleanup Level.

LEGEND:

⊕ = GROUNDWATER MONITORING WELL
● = SOIL SAMPLE LOCATION, 2011
■ = HYDRAULIC OIL RELEASE, 2011
○ = ALL OTHER SOIL BORING OR SAMPLE LOCATIONS

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REXAM BEVERAGE CAN COMPANY
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KENT, WA 98032

SOIL BORING and SAMPLE LOCATIONS with TPH and SVOC CONCENTRATIONS

Revisions:

Project No. 302.REX
Date: 05/18/15
Scale: As Shown
Drawing No. FIGURE 14

X-2-3	EX-2-4	EX-2-5
0.0-0.5	0.0-0.5	0.0-0.5
2.9	ND	14
72,000	680	**14,000**
9,500	82	1,700
ND	ND	ND

ALL UNITS IN mg/Kg, DEPTH IN FEET
BELOW SURFACE OF BUILDING FLOOR

SAMPLE	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8	EX-9	EX-10	EX-11	EX-12
DEPTH	4.5-5.0	5.0-5.5	7.0-7.5	6.5-7.0	4.5-5.0	5.0-5.5	4.5-5.0	6.5-7.0	8.0-8.5	6.5-7.0	4.5-5.0	5.0-5.5
NWTPH-Gx	ND	ND	13	8.6	ND	32	ND	ND	4.5	62	6.3	ND
Motor Oil	ND	ND	ND	ND	ND	ND	ND	ND	ND	510	ND	ND
#2 Diesel	ND	ND	ND	ND	ND	33	ND	ND	ND	250	ND	ND
BaP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

SAMPLE	B-13
DEPTH	6.0-9.0
NWTPH-Gx	ND
Motor Oil	ND
#2 Diesel	ND
BaP	NA

ALL UNITS IN mg/Kg, DEPTH IN FEET
BELOW GROUND SURFACE

SB104 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 - 1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
NWTPH-Gx	25	**100**	ND	7.7
Motor Oil	**11,000**	**9,900**	55	ND
#2 Diesel	1,600	**2,700**	ND	ND
BaP	ND	ND	ND	ND

SB101 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 - 1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
NWTPH-Gx	ND	**350**	**410**	ND
Motor Oil	750	**10,000**	**9,500**	ND
#2 Diesel	170	1,600	1,700	ND
BaP	ND	ND	ND	ND

SB302 (Results in µg/Kg)

PARAMETER / DEPTH (FT)	1-2	3.5 - 4.5	7-8	11-12
MC	ND	ND	ND	ND
TCE	27	190	8,700	900
PCE	ND	150	25,000	3,700
1,1,1-TCA	340	22,000	2,000,000	160,000

SB103 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 - 1.75	6.5 - 7.5	9.0 - 10.0
NWTPH-Gx	ND	37	6.3
Motor Oil	ND	**5,900**	ND
#2 Diesel	ND	1,100	ND
BaP	ND	ND	**0.370**

SB102 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.75 - 1.75	6.5 - 7.5	9.5 - 10.5
NWTPH-Gx	ND	25	31
Motor Oil	ND	**3,600**	560
#2 Diesel	ND	730	120
BaP	ND	ND	ND

SB113 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.25 - 1.25	4.5 - 5.5
NWTPH-Gx	ND	ND
Motor Oil	67	720
#2 Diesel	ND	54
BaP	ND	ND

SB112 (Results in mg/Kg)

PARAMETER / DEPTH (FT)	0.25 - 1.25	6.0 - 7.0
NWTPH-Gx	ND	ND
Motor Oil	65	ND
#2 Diesel	ND	ND
BaP	ND	ND

SAMPLE	B-6
DEPTH	7.0-9.0
NWTPH-Gx	ND
Motor Oil	ND
#2 Diesel	ND
BaP	ND

ALL UNITS IN mg/Kg, DEPTH IN FEET
BELOW SURFACE OF BUILDING FLOOR

ALL UNITS IN mg/Kg, DEPTH IN FEET
BELOW GROUND SURFACE

SAMPLE	B-9	ETB-1	ETB-2	ETB-3	ETB-4
DEPTH	5.0-7.0	4.0-5.0	4.0-5.0	4.0-5.0	4.0-5.0
NWTPH-Gx	ND	ND*	ND*	ND*	ND*
Motor Oil	ND	ND	ND	ND	ND
#2 Diesel	ND	ND	ND	ND	ND
BaP	ND	NA	NA	NA	NA

* = RESULT IS NWTPH-DIESEL FUEL EXTENDED RANGE
REPORTED AS KEROSINE/JET FUEL

SB305 (REFUSAL)
2,000
2,000
SB304
MW108
SB104
SB303
GUARD RAILS
CAN WASHER CHEMICAL STORAGE
FLOOR DRAIN
TRENCHES
SB101
SB302
SB103
SB102
EX-1
EX-2
EX-3
EX-4
EX-5
EX-6
EX-7
EX-8
EX-9
EX-10
EX-11
EX-12
AIR COMPRESSORS
QUALITY ASSURANCE STATION
LINE #3A I.B.O.
LINE #3B I.B.O.
ACCUMULATION TABLE
LINE #3B
LINE #3A
SPRAY MACHINES
LINE #2
LINE #1
LINE #2 I.B.O.
LINE #1 I.B.O.
LINE #3 B PALLETIZER
LINE #3 A PALLETIZER
LINE #2 PALLETIZER
LINE #1 PALLETIZER
FULL PALLET CONVEYOR
PLATFORM
AUTO STRAPPERS
PAL./DE-PAL.
12oz. PAL./DE-PAL.
CABLE TRACK (TYP.)
PRODUCTION OFFICE
ASST. PLANT MGR. OFFICE
Q.C. OFFICE
TO WAREHOUSE
AUTOMATIC TRANSPORTER - ELECTRICAL GUIDES IN FLOOR.
LINE #2 PRINTER 12oz.
PIN OVEN LINE #2
PIN OVEN LINE #3A
LINE #3A PRINTER
LINE #1 PRINTER 12oz.
PIN OVEN LINE #1
LINE #1 OR #2 COATER
PIN OVEN LINE #3B
LINE #3B PRINTER
SPRINKLER RISER ENCLOSURE
SLOPE
CONC. DRUM STORAGE BINS
SLOPE
FENCE
ETB-4
ETB-3
B-9
ETB-2
ETB-1
B-13
EXIST. CONFERENCE ROOM
EXIST. OFFICE
EXIST. OFFICE
(PLANTER)
CURB
COOLING TOWER
LIME SILO
LAMELLA CLARIFIER
TRENCHES
STAGE #1
STAGE #2
CAUSTIC TANK
WASTE CHEMICAL TANKS
SULFURIC ACID TANK
SLUDGE HOLDING TANK
TRENCH
FILTER PRESSES
METAL PLATE OVER TRENCH
SB113
B3
SB112
WASTEWATER TREATMENT AREA
N SW
2500 KVA XFMR. (NORTH)
PRI. SW
PSCO METER CAB.
S SW
1500 KVA XFMR. (SOUTH)
TRANSFORMER SWITCH YARD
TOILET
TOILET
Q.C. OFFICE
OVER-VARNISH
INSIDE SPRAY
BULK TANKS
B-6
TRAILER POSITION
4 TRUCK ENCLOSURES & DOCK BOARDS
8" CONC. DOLLY STRIP
N
0 5 10 20
SCALE (feet)

LEGEND:

NWTPH-Gx = NorthWest Total Petroleum Hydrocarbon-Gasoline Fraction
Motor Oil = NWTPH-Diesel Fraction (>C25-C36)
#2 Diesel = NWTPH-Diesel Fraction (C10-C25)
BaP = Benzo(a)Pyrene
NA = Not Analyzed

Bolded concentrations exceed the MTCA Method A Cleanup Level.

LEGEND:

- = GROUNDWATER MONITORING WELL
- = SOIL SAMPLE LOCATION, 2011
- = HYDRAULIC OIL RELEASE, 2011
- = ALL OTHER SOIL BORING OR SAMPLE LOCATIONS

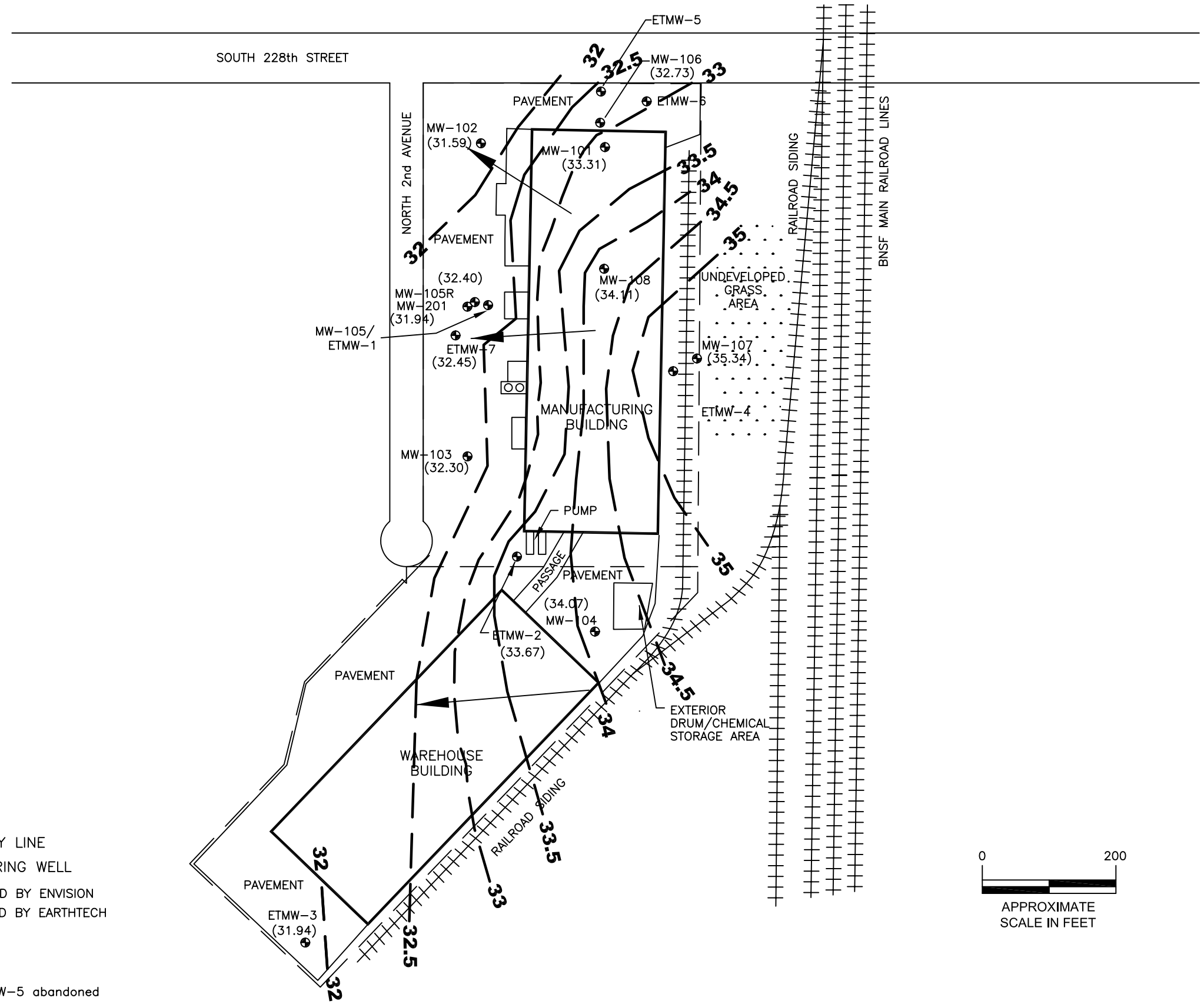
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SOIL BORING and SAMPLE LOCATIONS with TPH and SVOC CONCENTRATIONS

Revisions:

Project No. 302.REX
Date: 05/18/15
Scale: As Shown
Drawing No. FIGURE 14A



LEGEND:

——— = APPROXIMATE PROPERTY LINE

⊕ = GROUNDWATER MONITORING WELL

MW = MONITORING WELL INSTALLED BY ENVISION

ETMW = MONITORING WELL INSTALLED BY EARTHTECH

Monitoring wells ETMW-1, ETMW-4, ETMW-5 abandoned
Monitoring wells ETMW-6 and MW-105 could not be located after construction,

MW-105R is replacement for MW-105

MW-201 not included in contour map

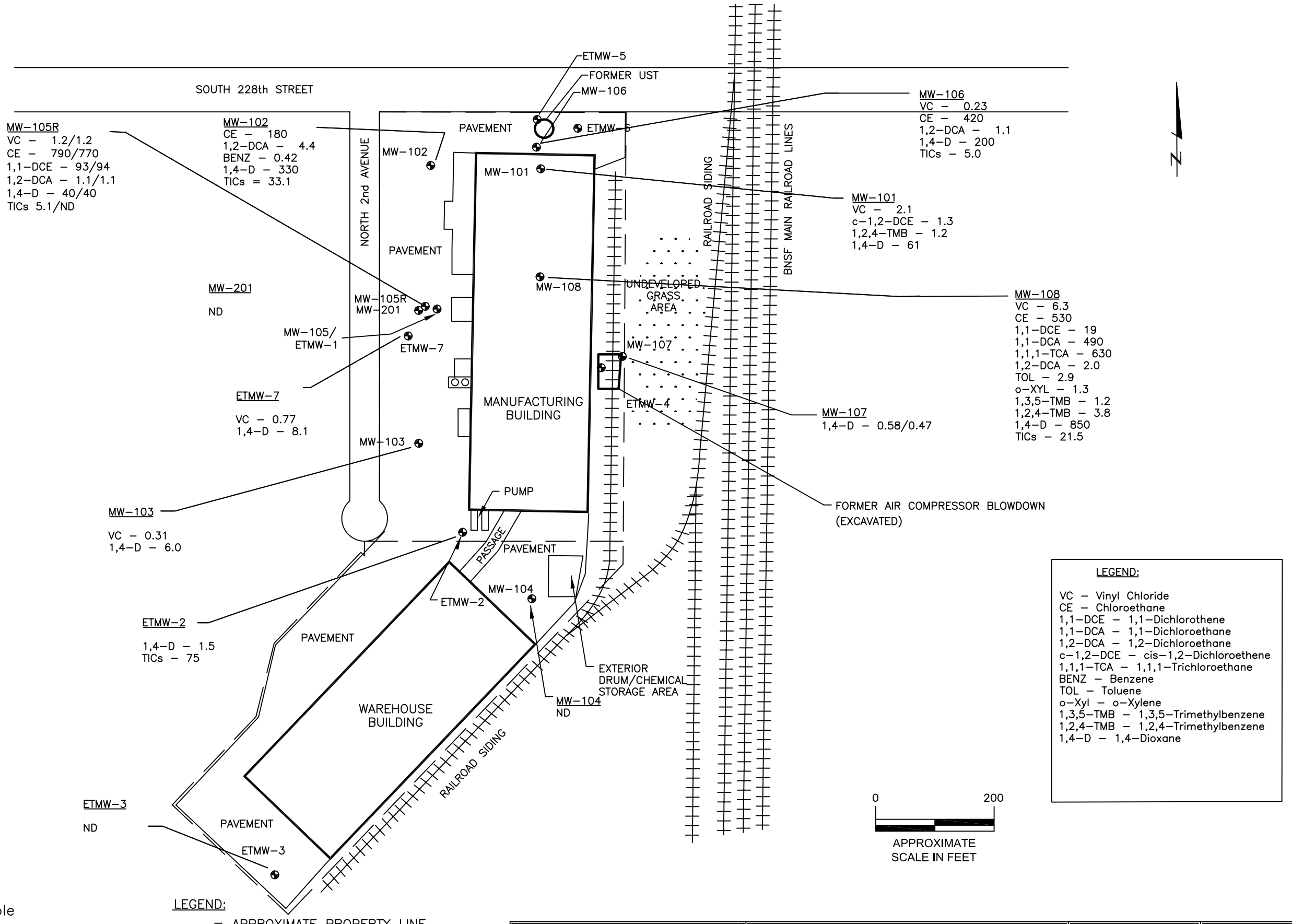
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REXAM BEVERAGE CAN COMPANY
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GROUNDWATER CONTOUR MAP
FEBRUARY 2015

Revisions:

Project No. 302.REX
Date: 03/23/15
Scale: As Shown
Drawing No. FIGURE 15



LEGEND:

VC – Vinyl Chloride
CE – Chloroethane
1,1–DCE – 1,1–Dichlorothene
1,1–DCA – 1,1–Dichloroethane
1,2–DCA – 1,2–Dichloroethane
c–1,2–DCE – cis–1,2–Dichloroethene
1,1,1–TCA – 1,1,1–Trichloroethane
BENZ – Benzene
TOL – Toluene
o–Xyl – o–Xylene
1,3,5–TMB – 1,3,5–Trimethylbenzene
1,2,4–TMB – 1,2,4–Trimethylbenzene
1,4–D – 1,4–Dioxane

NOTES:

CONCENTRATIONS IN µg/L

Where two concentrations are shown, the second value is the duplicate sample result.

Monitoring wells ETMW–1, ETMW–4, ETMW–5 abandoned
Monitoring wells ETMW–6 and MW–105 covered after construction
MW–105R is replacement for MW–105

LEGEND:

—— —— = APPROXIMATE PROPERTY LINE
⊕ = GROUNDWATER MONITORING WELL
MW = MONITORING WELL INSTALLED BY ENVISION
ETMW = MONITORING WELL INSTALLED BY EARTHTECH

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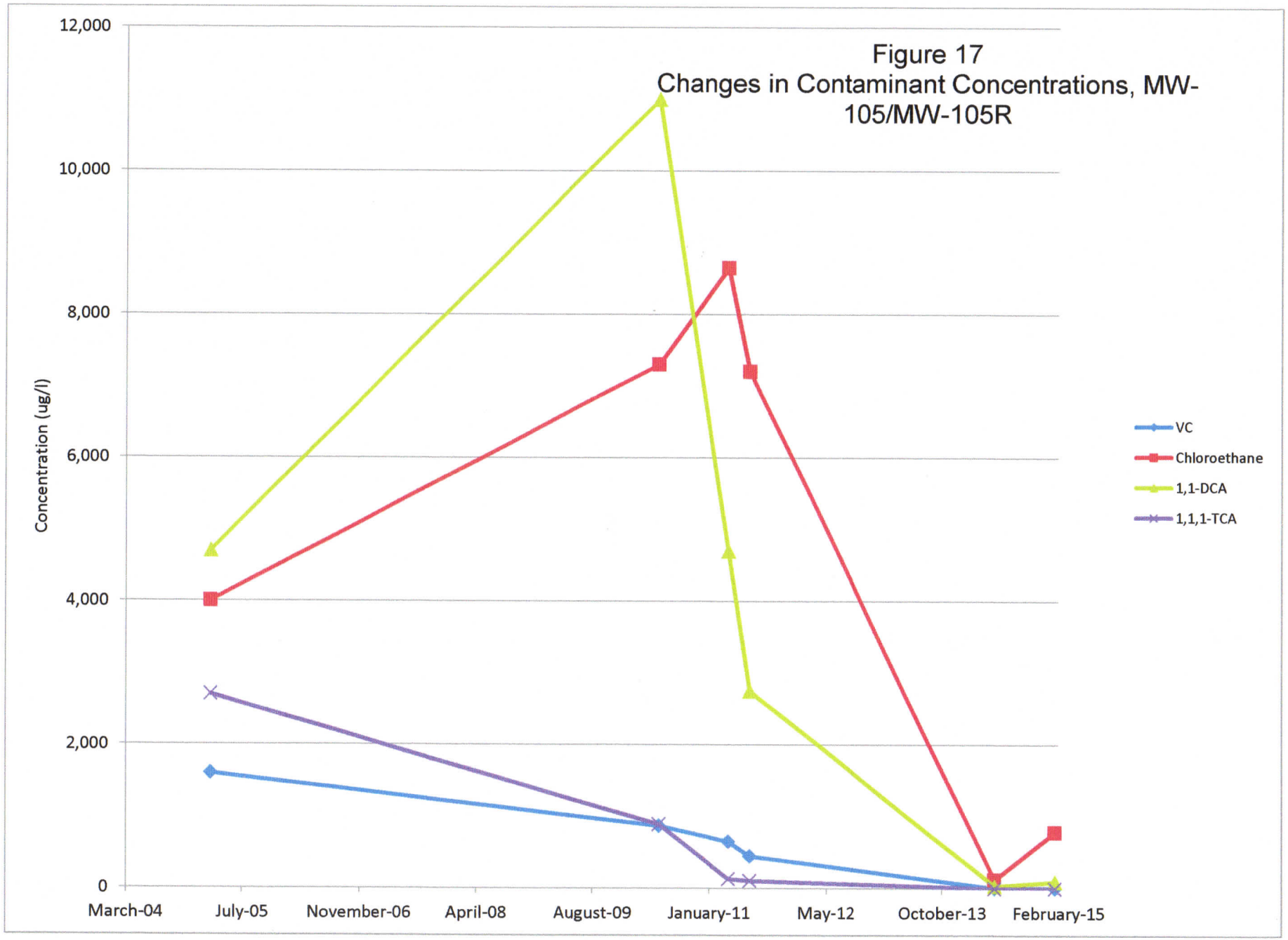
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VOC CONCENTRATIONS
GROUNDWATER SAMPLING
FEBRUARY 2015

Revisions:

Project No. 302.REX
Date: 03/23/15
Scale: As Shown
Drawing No. FIGURE 16

Figure 17
Changes in Contaminant Concentrations, MW-105/MW-105R



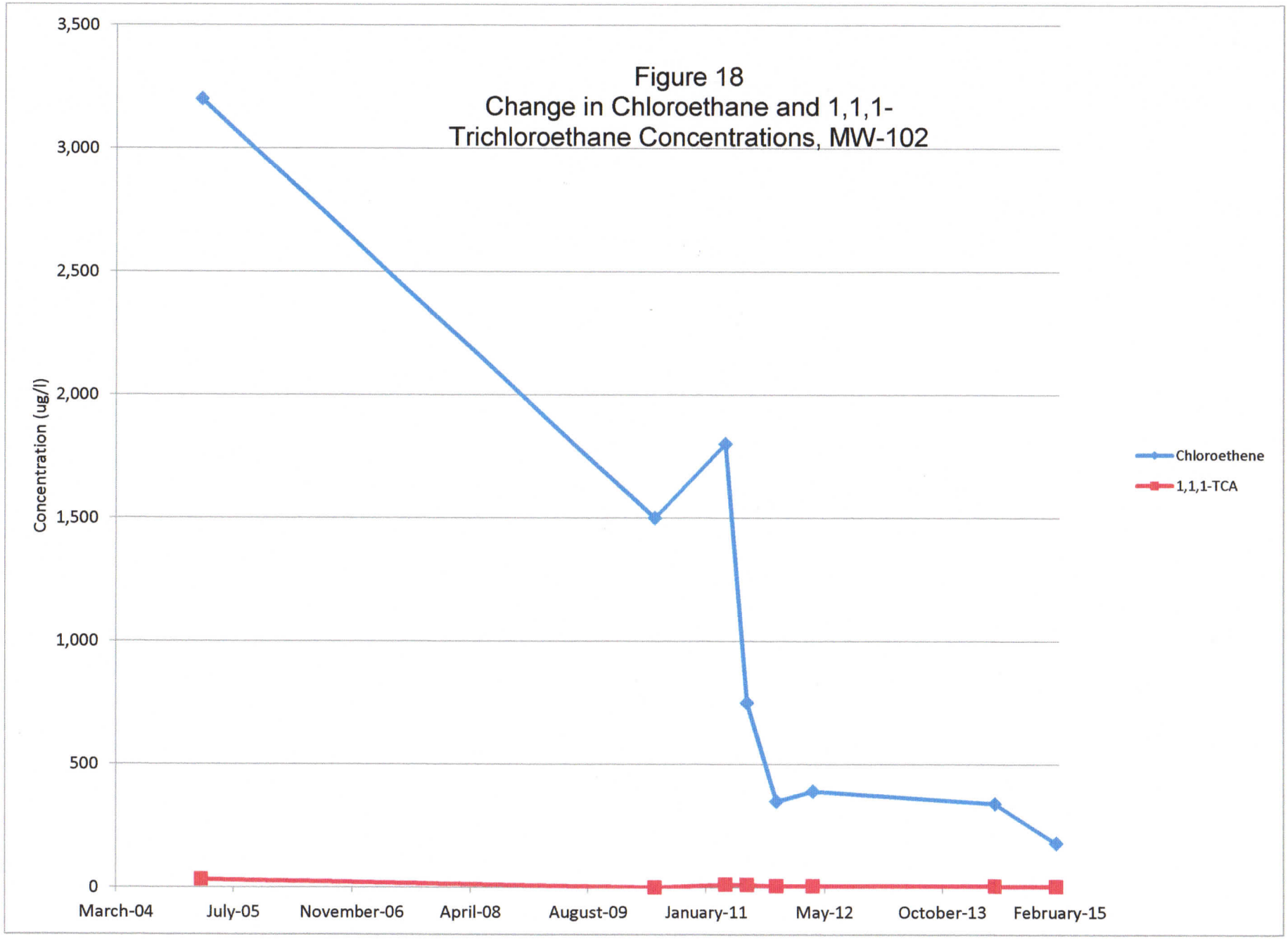
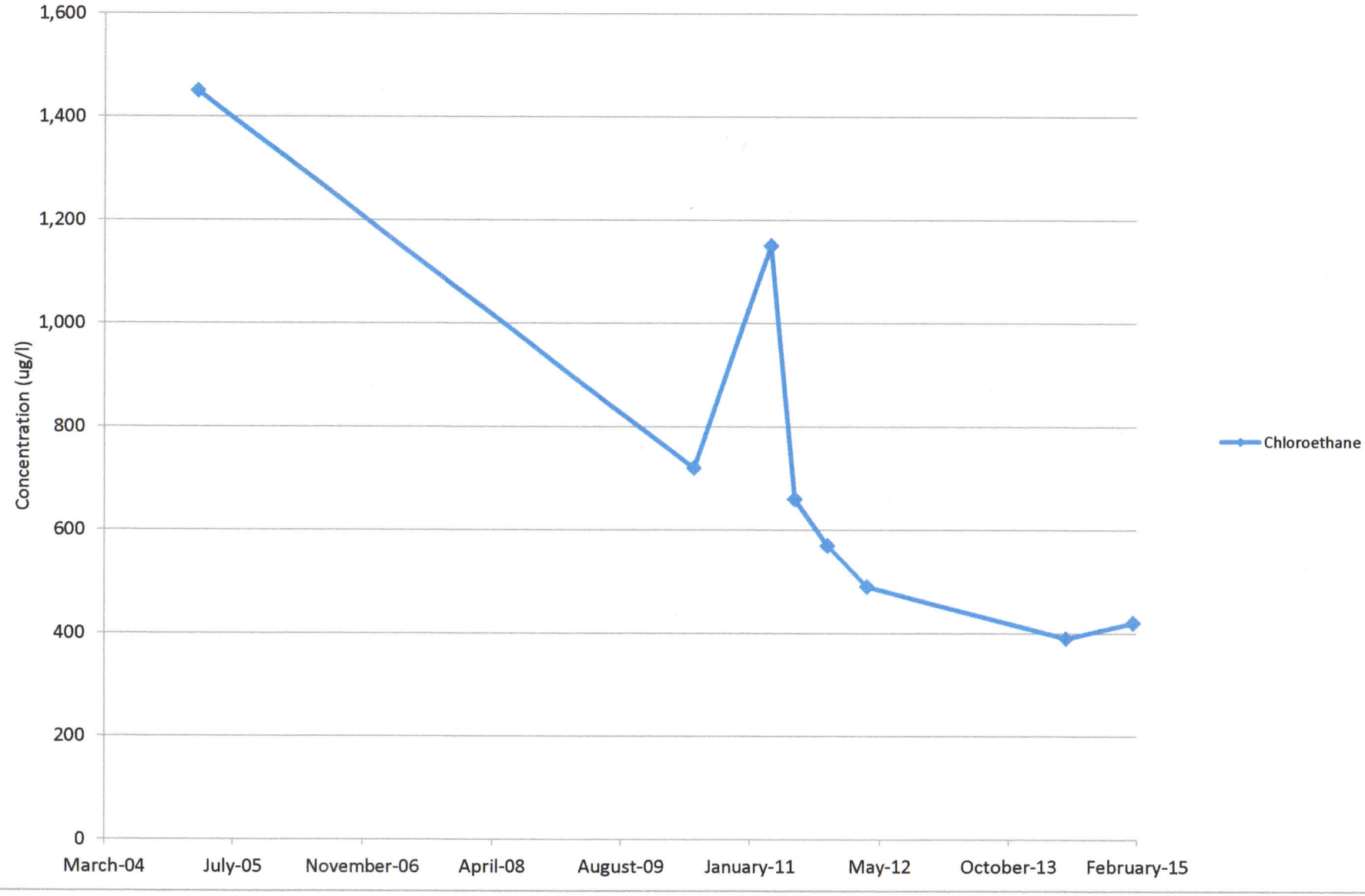
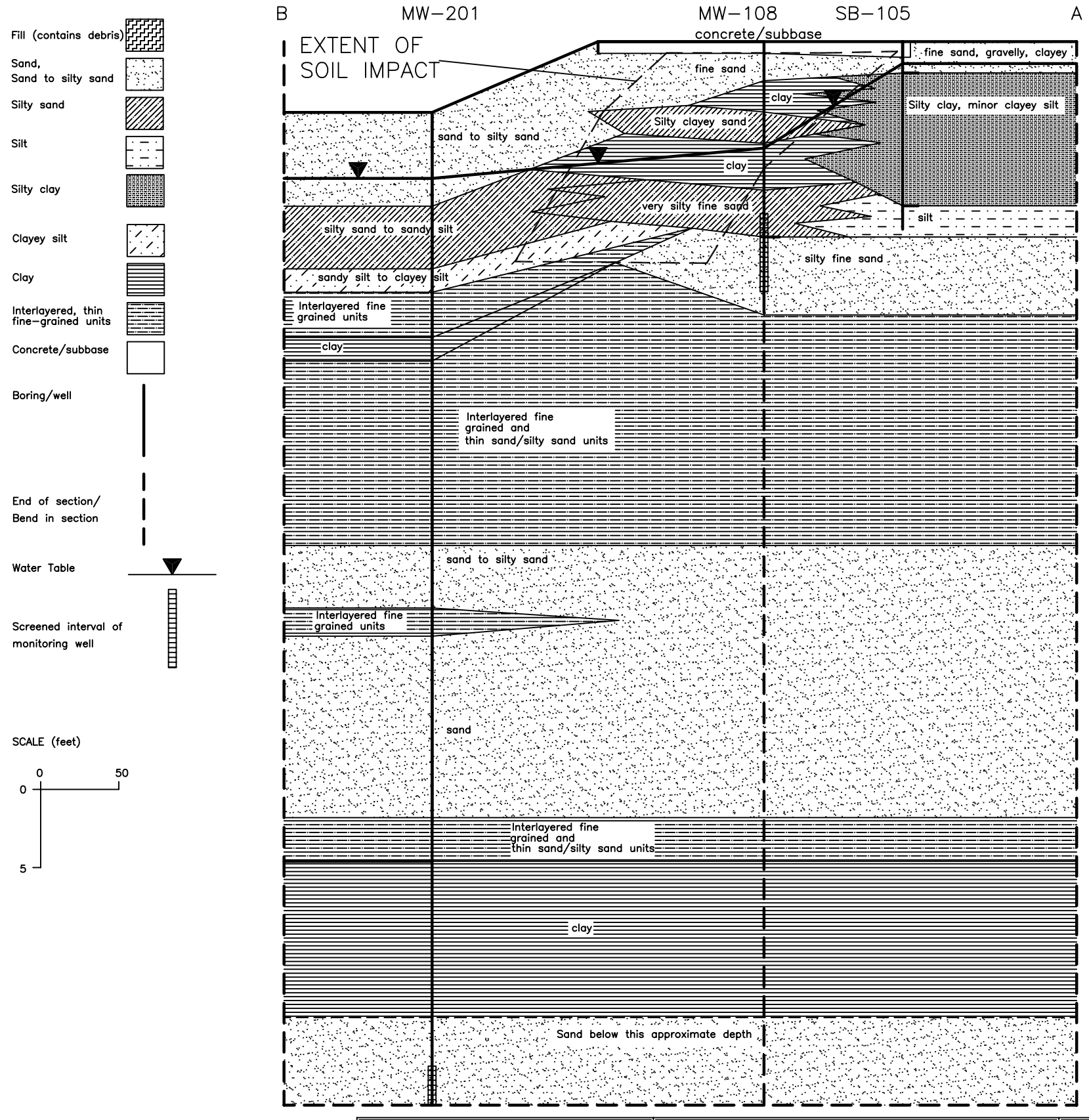

Figure 18
Change in Chloroethane and 1,1,1-
Trichloroethane Concentrations, MW-102
Concentration (ug/l)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
March-04
July-05
November-06
April-08
August-09
January-11
May-12
October-13
February-15
Chloroethene
1,1,1-TCA

Figure 19
Change in Chloroethane Concentration, MW-106





Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609–208–1885 Fax: 609–208–1889

REXAM BEVERAGE CAN COMPANY
1220 N. 2nd AVENUE
KENT, WA
CROSS–SECTION SHOWING
EXTENT OF IMPACT
LINE OF SECTION A – B

Revisions:

Project No. 302.REX
Date: 06/16/15
Scale: As Shown
Drawing No. FIGURE 20

Fill (contains debris)

Sand,
Sand to silty sand

Silty sand

Silt

Silty clay

Clayey silt

Clay

Interlayered, thin
fine–grained units

Concrete/subbase

Boring/well

End of section/
Bend in section

Water Table

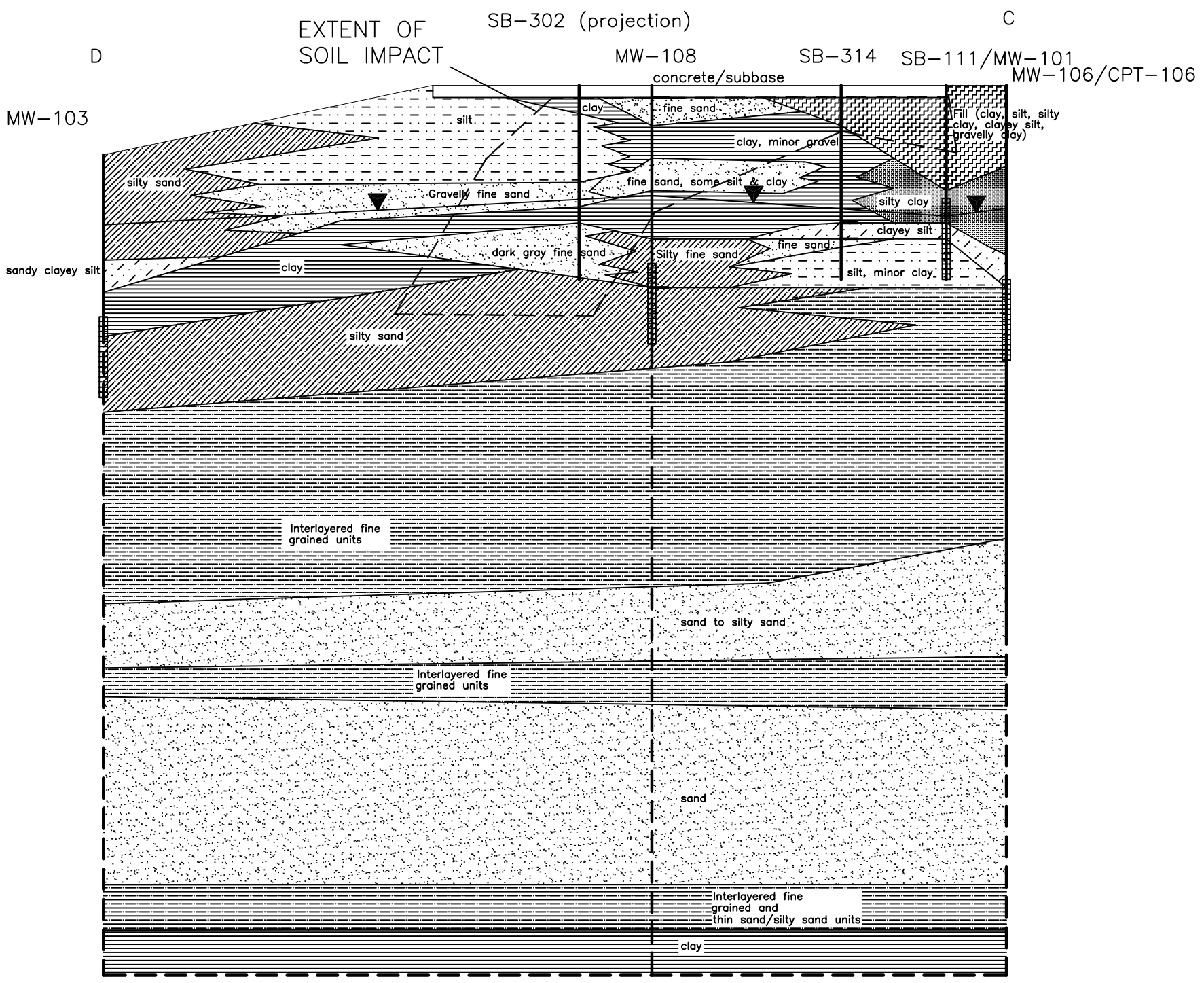
Screened interval of
monitoring well

SCALE (feet)

0 50

0

5



Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609–208–1885 Fax: 609–208–1889

REXAM BEVERAGE CAN COMPANY
1220 N. 2nd AVENUE
KENT, WA
CROSS–SECTION SHOWING EXTENT OF IMPACT LINE OF SECTION C – D

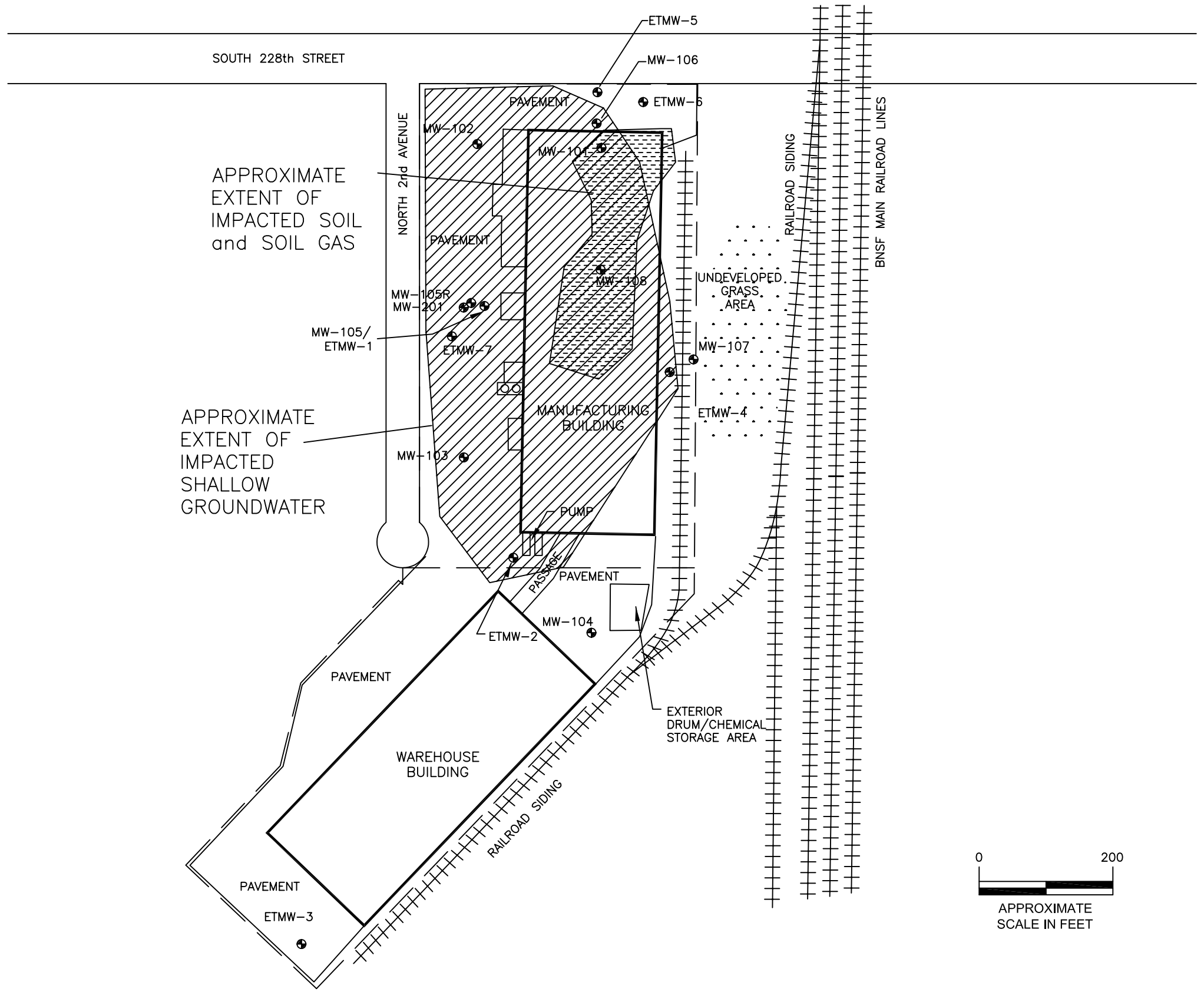
Revisions:

Project No. 302.REX

Date: 06/16/15

Scale: As Shown

Drawing No. FIGURE 21



NOTES:

Monitoring wells ETMW-1, ETMW-4, and ETMW-5 abandoned
Monitoring wells ETMW-6 and MW-105 could not be located after construction
MW-105R is replacement for MW-105

LEGEND:

—— = APPROXIMATE PROPERTY LINE

⊕ = GROUNDWATER MONITORING WELL

MW = MONITORING WELL INSTALLED BY ENVISION
ETMW = MONITORING WELL INSTALLED BY EARTHTECH

Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1885 Fax: 609-208-1889

REXAM BEVERAGE CAN COMPANY
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032

SITE PLAN SHOWING
IMPACTED ENVIRONMENTAL MEDIA

Revisions:

Project No. 302.REX
Date: 06/16/15
Scale: As Shown
Drawing No.
FIGURE 22

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 1

Legal Description

Legal Descriptions

Parcel Number 1322049183

BEG NE COR OF SW 1/4 OF NE 1/4 TH N 88-36-34 W 464.81 FT TH S 01-08-04 W 50 FT TO TPOB TH S 01-08-04 W 680.28 FT TH ON CURVE TO RGT CENTER BEARS S 53-16-55 W 38 FT ARC DIST 15.08 FT TH S 88-44-16 E 413.29 FT TH N 46-19-29 E 33.19 FT TO WLY MGN RR R/W TH NLY ALG SD RR MGN TO PT S 88-36-34 E FR TPOB TH N 88-36-53 W 366.47 FT TO TPOB LESS POR LY ELY OF WLY MGN OF 32.50 FT STRIP OF LD CALLED TRACK ESMT BEING 16.25 FT ON EACH SIDE OF FOLG C/L BEG NXN WLY MGN NP RR R/W & SLY MGN S 228TH ST TH N 88-36-34 W 16.39 FT TO TPOB OF C/L TH S 06-03-23 E PLW & 16.25 FT DIST AT R/A TO WLY MGN NP RR 301.26 FT TO POC TO RGT RAD 9352.29 FT ARC DIST 186.81 FT TO PT COMPOUND CURVE TO RGT RAD 459.28 FT TH SLY & WLY ALG SD CURVE TO S LN OF MAIN TR LESS ST

Parcel 3830900400

KENT VALLEY INDUSTRIAL PARK LOT 1 KENT SP 78-12 REC AF # 7805160868 SD SP DAF ALL OF LOTS 31-39-40 AKA POR SPC 78-11

Information from: King County Department of Assessments; obtained through King County GIS Center iMAP – Interactive Mapping Tool.

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APPENDIX 2

Historical Property Owners/Operators

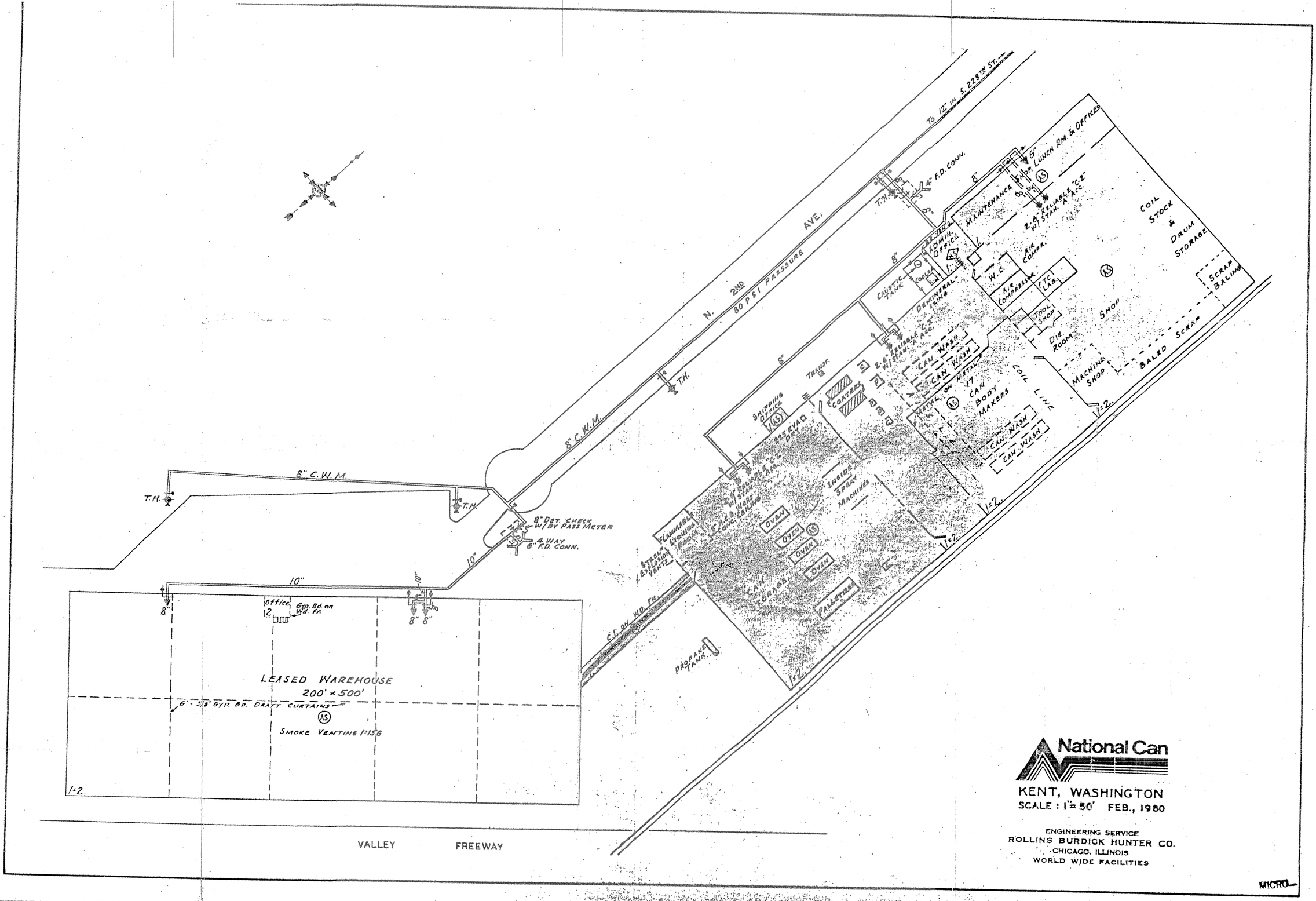
Parcel Number 1322049183			
Owner	**Dates**	**Operator**	**Dates**
SUN LIFE ASSURANCE COMPANY OF CANADA	10/1969-6/2001	American National Can Company	Approximately 1971-2000
		REXAM Beverage Can Company	2000-Present
Stevenson/Kent Property, LLC	6/2001 - Present		
Parcel 3830900400			
Owner	**Dates**	**Operator**	**Dates**
EQUITABLE LIFE ASSURANCE	Unknown - 10/1998	American National Can Company	Approximately 1985-2000
AMB/NDP LOCAL L P	10/1998 – 6/2002		
AMB-SGP SEATTLE/BOSTON LLC	6/2002 – 10/2011	REXAM Beverage Can Company	2000--Present
PROLOGIS TARGETED U S LOGISTICS FUND L P	10/2011 – 5/2014		
Lightning Property Company II LLC	5/2014 - Present		

Information from: King County Department of Assessments; obtained through King County GIS Center iMAP – Interactive Mapping Tool, and Phase I Environmental Assessment for Sun Life of Canada (US), American National Can Manufacturing Facility, 1220 North 2nd Street, Kent, King County, Washington, Eckland Consultants, Inc., February 22, 2000.

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APPENDIX 3

Historical Manufacturing Layout



National Can

KENT, WASHINGTON

SCALE : 1" = 50' FEB., 1980

ENGINEERING SERVICE
ROLLINS BURDICK HUNTER CO.
CHICAGO, ILLINOIS
WORLD WIDE FACILITIES

MICRO

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 4

Slug Test Input and Results

e 5

Slug Test Input Parameters and Output
April 2011
REXAM Beverage Can Company
Kent, Washington
Site No. 35918556

	Aquifer Data		Well Data										
WELL ID	Saturated Thickness (feet)	Anisotropy Ratio (Kz/Kr - dimensionless)	Static Depth to Water (feet BTOC)	Well Depth (feet)	Initial Displacement (feet)	Static Water Column Height (feet)	Casing Radius (feet)	Wellbore Radius (feet)	Screen Length (feet)	Total Penetrated Depth of Aquifer (feet)	Gravel Pack Porosity (dimensionless)	Calculated Hydraulic Conductivity (feet/second)	Calculated Hydraulic Conductivity (feet/day)
MW-102	38.95	0.01	6.05	17	-2.24	10.95	0.083	0.33	10	10.95	0.3	0.0001038	8.968E+00
MW-103	42.12	0.01	2.88	14	-5.6	11.12	0.083	0.33	9	11.12	0.3	2.581E-05	2.230E+00
MW-105	40.97	0.01	4.03	15	-2.02	10.97	0.083	0.33	10	10.97	0.3	1.868E-05	1.614E+00
MW-107	43.88	0.01	1.12	14.6	-4.9	13.48	0.083	0.33	10	13.48	0.3	0.0001327	1.147E+01

Saturated thickness based on depth to bottom of aquifer of 45-feet below ground surface, based on Cone Penetrometer data from Site.
BTOC = Below top of casing.
Hydraulic conductivity calculated using Bouwer-Rice Solution for unconfined aquifers (1976).

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APPENDIX 5

Total Organic Carbon Content of Soils

Table 6
Grain Size and Total Organic Carbon Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID Number:	MW108A	MW108B	MW108C	SB303A	SB303B	SB303D	SB316A	SB316B	SB316C	SB311C
Laboratory ID Number:	1405281-001	1405281-002	1405281-003	1405280-001	1405280-002	1405280-003	1405280-004	1405280-005	1405280-006	1405280-007
Sample Date:	5/20/2014	5/20/2014	5/20/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet bgs)	1-2	7-8	11-12	0.5-1.5	3.5-4.5	8.5-9.5	0.5-1.5	4.25-5.25	9-10	6-7
Sediment Grain Size (Per Cent of Total Sample)										
Gravel	34.6	29.6	0.0	24.2	27.0	0.0	25.2	15.3	6.3	4.1
Sand	61.8	60.4	86.1	71.1	63.2	59.2	65.5	78.9	61	71.3
Coarse Sand	23.7	21.2	0.0	18.3	19.6	0.0	18.4	33.6	10.4	7.2
Medium Sand	21.8	21.5	0.2	31.9	22.7	1.9	22.1	26.1	11.4	11.3
Fine Sand	16.3	17.7	85.9	20.9	20.9	57.3	25.0	19.2	39.2	52.8
Silt and Clay	3.6	9.4	14.0	4.4	8.9	40.7	8.8	5.7	32.0	23.8
Total Organic Carbon (wt %)	0.692	0.407	<0.0500	0.523	0.548	0.148	0.288	0.279	1.30	0.521

feet bgs = Feet below ground surface.
Wt % = Weight percent.

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APPENDIX 6

Historical Groundwater Elevation Data

Groundwater Elevation Data 2005 to 2015
Rexam Beverage Can Company
Kent, Washington

Monitoring Well	Top of Casing Elevation (feet AMSL)	Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet AMSL)
MW-101	41.39	3/29/2005	8.55	32.84
		6/16/2010	8.40	32.99
		4/11/2011	8.10	33.29
		7/7/2011	9.97	31.42
		11/16/2011	10.50	30.89
		4/24/2012	8.28	33.11
		5/21/2014	8.38	33.01
		2/10/2015	8.08	33.31
MW-102	37.13	3/29/2005	6.36	30.77
	37.23 *	6/16/2010	6.14	31.09
		4/11/2011	5.64	31.59
		7/7/2011	7.30	29.93
		11/16/2011	7.78	29.45
		4/24/2012	6.00	31.23
		5/21/2014	6.11	31.12
		2/10/2015	5.64	31.59
MW-103	36.62	3/29/2005	4.15	32.47
		6/16/2010	5.65	30.97
		4/11/2011	3.25	33.37
		7/7/2011	7.03	29.59
		11/16/2011	6.03	30.59
		4/24/2012	5.13	31.49
		5/21/2014	6.82	29.80
		2/10/2015	4.32	32.30
MW-104	38.82	3/29/2005	5.15	33.67
		6/16/2010	4.80	34.02
		4/11/2011	4.56	34.26
		7/7/2011	5.48	33.34
		11/16/2011	6.18	32.64
		4/24/2012	4.40	34.42
		5/21/2014	4.87	33.95
		2/10/2015	4.75	34.07
MW-105	36.99	3/29/2005	4.77	32.22
		6/16/2010	5.05	31.94
		4/11/2011	3.82	33.17
		7/7/2011	5.55	31.44
MW-105R	36.62	5/21/2014	4.94	32.05
		2/10/2015	4.22	32.77

Groundwater Elevation Data 2005 to 2015
Rexam Beverage Can Company
Kent, Washington

Monitoring Well	Top of Casing Elevation (feet AMSL)	Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet AMSL)
MW-106	40.86	3/29/2005	8.65	32.21
	40.34 *	6/16/2010	8.06	32.28
		4/11/2011	7.64	32.70
		7/7/2011	9.54	30.80
		11/16/2011	10.13	30.21
		4/24/2012	8.00	32.34
		5/21/2014	8.04	32.30
		2/10/2015	7.61	32.73
MW-107	36.74	6/16/2010	1.72	35.02
		4/11/2011	1.70	35.04
		7/7/2011	4.65	32.09
		11/16/2011	4.02	32.72
		4/24/2012	1.56	35.18
		5/21/2014	2.34	34.40
		2/10/2015	1.40	35.34
MW-108	40.92	5/21/2014	7.48	33.44
		2/10/2015	6.81	34.11
MW-201	37.22	3/29/2005	6.38	30.84
		6/16/2010	5.63	31.59
		4/11/2011	4.93	32.29
		7/7/2011	6.25	30.97
		11/16/2011	7.22	30.00
		4/24/2012	5.12	32.10
		5/21/2014	5.34	31.88
		2/10/2015	5.28	31.94
ETMW-1	37.09	3/29/2005	4.66	32.43
		6/16/2010	4.35	32.74
		4/11/2011	4.15	32.94
		7/7/2011	5.39	31.70
ETMW-2	38.59	3/29/2005	6.09	32.50
		6/16/2010	5.66	32.93
		4/11/2011	5.33	33.26
		7/7/2011	6.49	32.10
		11/16/2011	7.35	31.24
		4/24/2012	5.24	33.35
		5/21/2014	5.49	33.10
		2/10/2015	4.92	33.67

Groundwater Elevation Data 2005 to 2015
Rexam Beverage Can Company
Kent, Washington

Monitoring Well	Top of Casing Elevation (feet AMSL)	Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet AMSL)
ETMW-3	36.89	3/29/2005	5.58	31.31
		6/16/2010	5.11	31.78
		4/11/2011	4.80	32.09
		7/7/2011	5.86	31.03
		11/16/2011	6.91	29.98
		4/24/2012	4.84	32.05
		5/21/2014	4.93	31.96
		2/10/2015	4.95	31.94
ETMW-4	38.16	3/29/2005	3.52	34.64
ETMW-7	37.84	3/29/2005	6.02	31.82
		6/16/2010	5.45	32.39
		4/11/2011	4.65	33.19
		7/7/2011	6.78	31.06
		11/16/2011	6.89	30.95
		4/24/2012	5.43	32.41
		5/21/2014	6.15	31.69
		2/10/2015	5.39	32.45

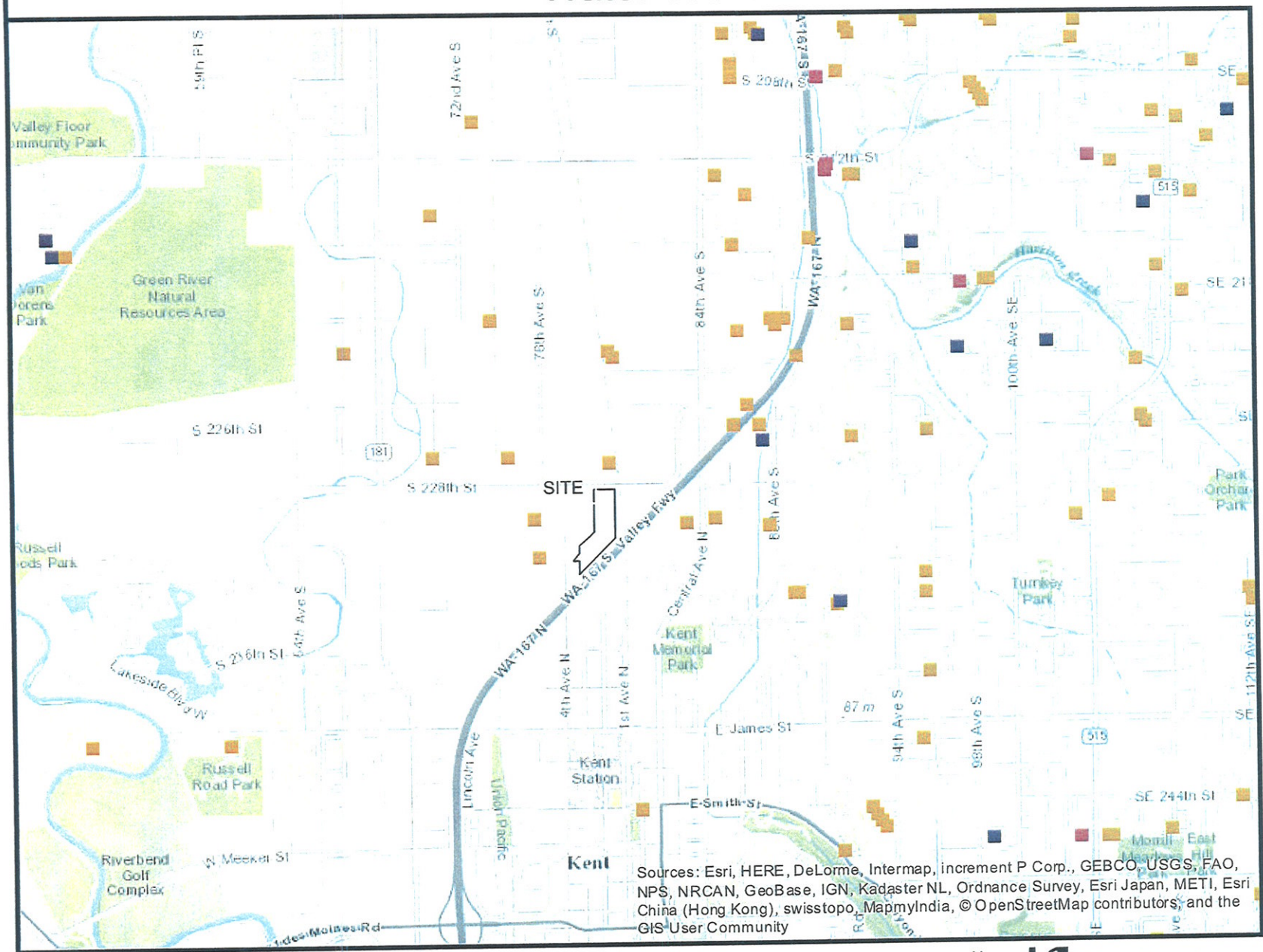
* Top of casing elevation changed during construction of 228th Street overpass. Well resurveyed after construction complete.
BTOC - Below top of casing
AMSL - Above Mean Sea Level

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 7

Well Search Results – King County Geographic Information System

Water Wells Near Site



Legend

- group A wells
- group B wells
- group D wells

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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Date: 8/19/2015

Notes: SCALE 1:24,000

N

King County GIS Center

Water Supply Wells Near
REXAM Beverage Can Company
1220 North 2nd Street
Kent, Washington

WA DOE/USGS Well ID	Name	Address	Type of Well	Depth (feet)	Approximate Distance from Site (feet)	Direction From Site	Date Installed
22N/04E-12Q02	Pohl Mink Ranch	8008 S 222ND ST 98032	not known*	65	2240	North	not known
22N/04E-12Q01	Pohl Mink Ranch	8008 S 222ND ST 98032	not known*	380	2170	North	not known
22N/04E-13B01	Johnson	7908 S 228TH ST 98032	not known*	68	420	North	not known
22N/04E-13D01	Horvath	22703 72ND AVE S 98032	Water Supply*	68	2670	Northwest	1/13/1960
22N/04E-13C01	Bigelow	7418 S 228TH ST 98032	not known*	87	1500	Northwest	not known
22N/04E-13F01	Bevilacqua	1216 6TH AVE N 98032	not known*	60	1000	West	not known
22N/04E-24C01	Minute Maid Co.	1034 6TH AVE N 98032	not known*	650	2420	West	not known
22N/05E-18D01	Tonelli	not known	Abandoned	354	2213	Northeast	May, 1956
22N/05E-18D02	Tonelli	not known	Abandoned	354	2586	Northeast	May, 1956
22N/05E-07P01	Pohl	not known	not known*	130	2551	Northeast	not known
22N/05E-18D	Precision Spring & Steel Corp	22517 88TH AVE S 98031	B	unknown	2528	Northeast	not known
22N/04E-13H02	not known	not known	not known*	unknown	1164	East	not known
22N/04E-13H01	Reand	1234 Central Ave N	not known*	135	1623	East	not known
22N/05E-18E01	Waller	1204 Central Ave N	not known*	390	2535	East	not known

GIS - Geographic Information System
WA DOE - Washington Department of Ecology
USGS - United States Geological Survey
* Identified as Group D in King County GIS database
Type based on search of WA DOE - Water Resources well construction log database
Not known indicates a construction log could not be found for the well

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 8

Lithologic Logs, Soil Borings installed by ENVISION

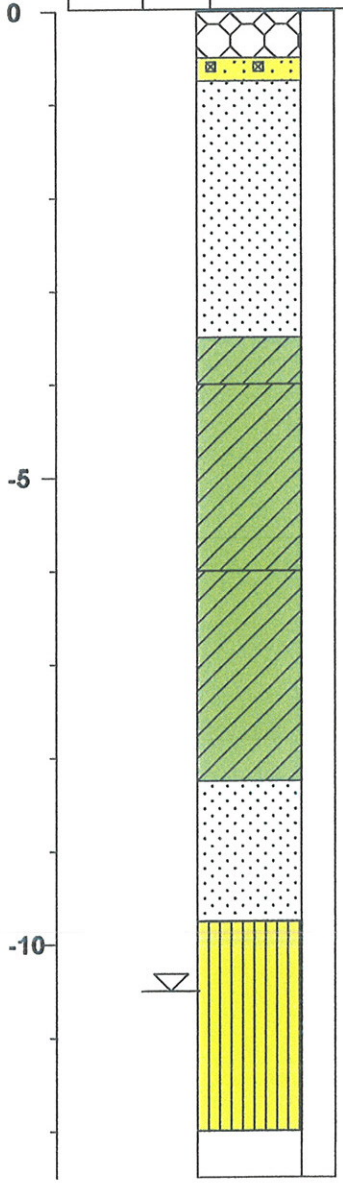
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Location of point SV30
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-101
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 10.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			GP: Gravel (sub base).		2.7		
			SP: Brown and black fine sand, becomes brown at base of interval.	N/A	2.3	SB-101 - 0.75' - 1.75'	3.5' recovery
					2.3		
					3.9		
			CL: Brown clay with gravel. Sweet odor.		4.6	SB-101 - 3.5' - 4.5'	
			CL: Brown clay. Stiff.		11.1		
					6.3		3.5' recovery
			CL: Grey clay. Stiff. Hydrocarbon odor 6.5' to 7'. Slightly moist at 6.5'.		6.4		
					179	SB-101 - 6.5' - 7.5'	
			SP: Brown fine sand.		13.4		
					29.7		
					4.7		
					31.3		
			ML: Greyish brown clayey silt with fine sand. Wet at 10.5'.		15.8		4.0' recovery
						SB-101 - 10' - 11'	
					11.3		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		28.1		

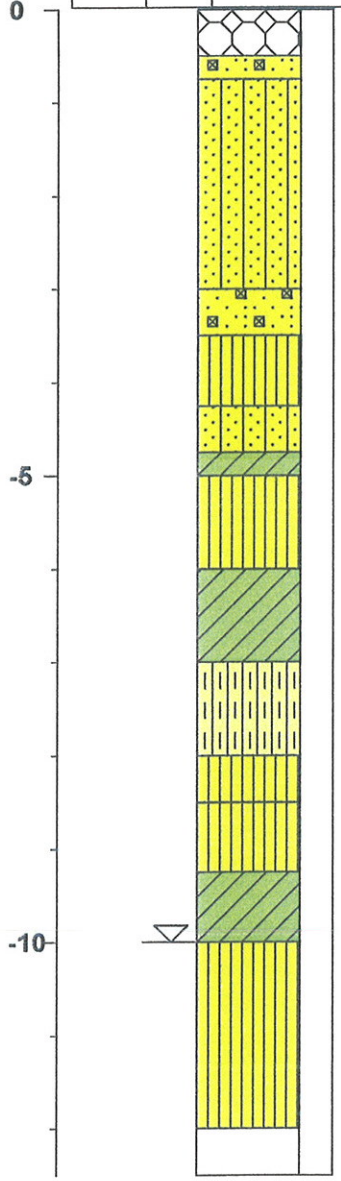
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Location of point SV31
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-102
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 10.0'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			GP: Gravel (sub base).				
			SM: Brown silty fine to medium sand with gravel.	N/A	1.5	SB-102 - 0.75' - 1.75'	3.0' recovery
					0.3		
			GP: Concrete and gravel (fill).		1.5		
			ML: Dark grey fine sandy silt.		2.7		
			SM: Brown silty fine sand.		2.7		
			CL: Greyish brown silty clay.		3.1		4.0' recovery
			ML: Brown silt.		3.1		
			CL: Dark brown silty clay, soft. Slightly moist.		29.7		
			OL: Greyish brown organic silt, hard.		7.5	SB-102 - 6.5' - 7.5'	
					9.9		
			ML: Brown to black clayey silt.		3.9		
			ML: Brown sandy silt.		5.5		
			CL: Greyish brown silty clay, soft.		11.0		
			ML: Greyish brown clayey silt, hard, wet.		5.9	SB-102 - 9.5' - 10.5'	3.5' recovery
							Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		9.9		

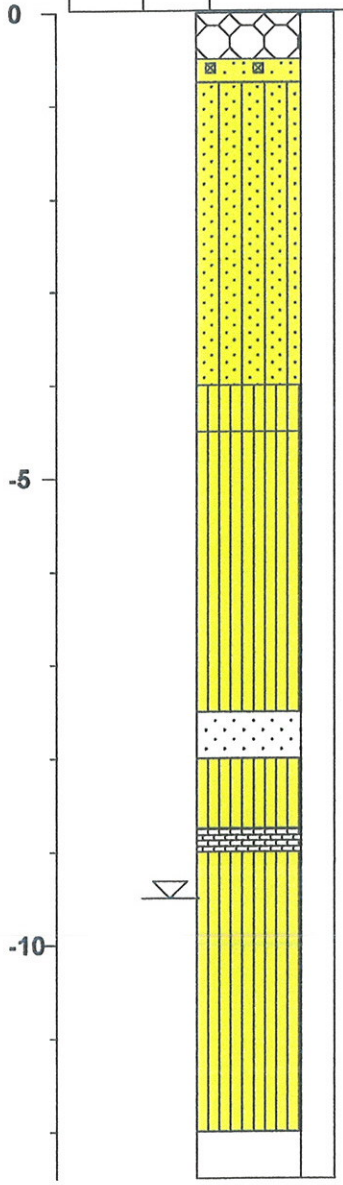
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Location of point SV32
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-103
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 9.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			GP: Gravel (sub base).				
			SM: Brownish grey silty fine sand with gravel (fill).	N/A	1.1	SB-103 - 0.75' - 1.75'	3.7' recovery
			ML: Dark brown silt with trace clay (fill).		7.1		
			ML: Brown silt with variable clay.		3.1		4.0' recovery
					39.4	SB-103 - 6.5' - 7.5'	
			SW: Tan fine to medium sand with gravel.		4.3		
					6.3		
			ML: Brown silt with gravel.		3.5		
			BRICK: Red brick fragments (fill).		2.3		
			ML: Dark greyish brown clayey silt. Saturated at 9.5'.			SB-103 - 9' - 10'	
					1.9		4.0' recovery
							Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		3.1		

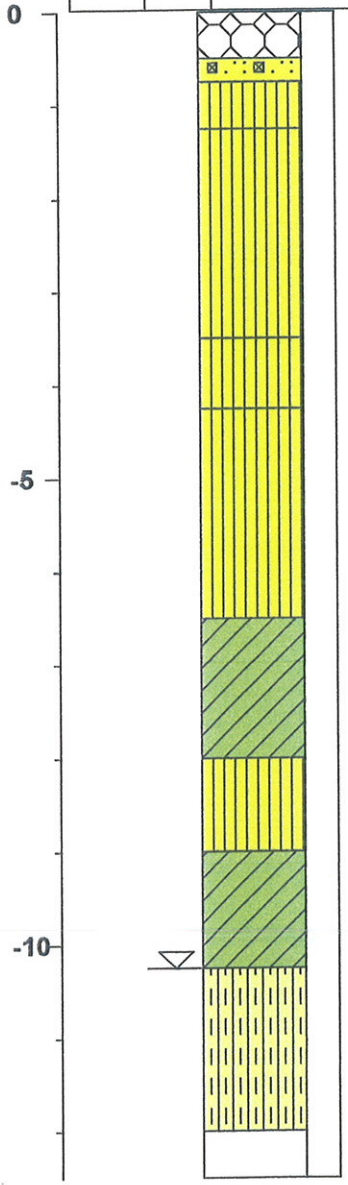
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: SE of Can Washer chem. storage
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-104
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 10.25'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			GP: Gravel (sub base).				
			ML: Brown sandy silt.	N/A	3.1	SB-104 - 0.75' - 1.75' DUP-1 - 0.75' - 1.75'	3.8' recovery
			ML: Brown silt with trace clay. 1" plug of concrete at 2.5' and 2" piece of processed wood with chemical odor at 3.5' (fill).		17.4		
					24.1		
					50.4		
					74.9		
			ML: Greyish brown clayey silt.		125	SB-104 - 3.5' - 4.5'	
					25		
			ML: Brown silt with clay.		115		
					99		4.0' recovery
					11.4		
			CL: Grey brown silty clay (low plasticity).		26		
					15.4	SB-104 - 6.5' - 7.5'	
					26		
			ML: Brown silt with clay.		9		
					49.9		
			CL: Greyish brown silty clay. Soft.		17.4		
					7.9		
					6.3	SB-104 - 10' - 11'	4.0' recovery
			OL: Brown organic silt with clay. Saturated.		5.9		
					6.3		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		5.5		

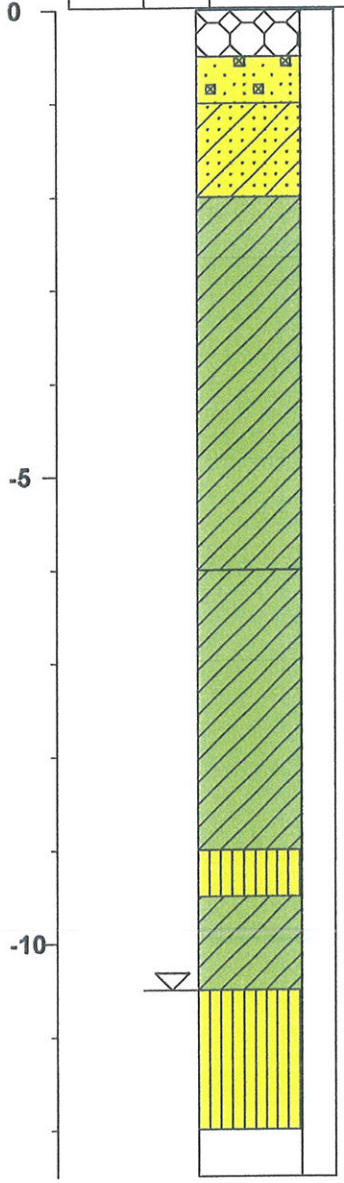
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: E of point SV23
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-105
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 10.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			GP: Gravel (sub base).				
			SC: Brown gravelly, clayey fine sand.	N/A	4.3	SB-105 - 1' - 2'	3.7' recovery
			CL: Dark brown silty clay. Slightly moist. Grades into grey clayey silt. Moist at 6'.		3.5		
					2.7		
					1.9		
					3.5		
					4.7		4.0' recovery
					3.5		
			CL: Dark grey silty clay.		4.3		
					5.1		
					4.7		
					4.7		
					1.9		
			ML: Dark grey clayey silt. Dry.		3.1		
			CL: Grey silty clay. Moist at 9.5', dry at 10'.		3.5	SB-105 - 9.5' - 10.5'	4.0' recovery
			ML: Dark grey silt. Saturated. No odors detected through entire boring.		2.7		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		3.1		

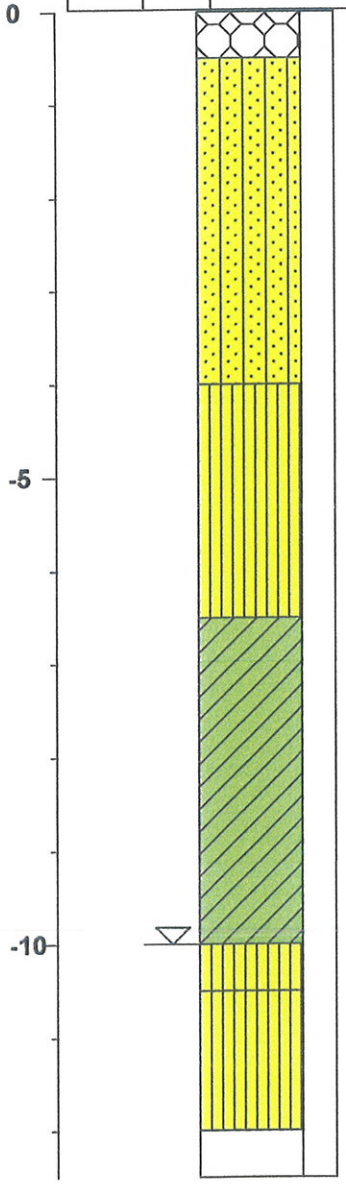
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: N of point SV23
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-106
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 10'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			SM: Brown grey silty fine sand with variable clay content and fine to coarse gravel.	N/A	3.5	SB-106 - 0.5' - 1.5'	4.0' recovery
					4.7		
			ML: Dark brownish grey to grey silt with minor clay.		4.7		
					5.5		4.0' recovery
					4.3		
			CL: Dark grey silty clay. Moist.		3.9		
					4.7		
					4.3		
					4.7		
			ML: Dark grey silt. Saturated.		3.1	SB-106 - 9.5' - 10.5'	3.0' recovery
			ML: Grey silt with clay. Saturated. No odors detected in the boring.		3.1		
					4.7		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		4.3		

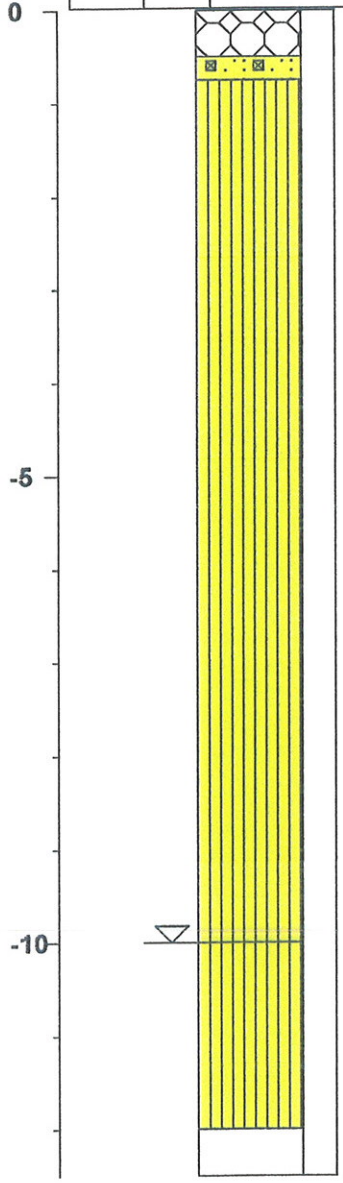
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: W of point SV23
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-107
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 10'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			GP: Gravel (sub base).				
			ML: Dark brown to dark grey clayey silt with variable gravel.	N/A	3.2	SB-107 - 0.5' - 1.5'	4.0' recovery
					4.3		
					3.1		
					5.5		
					3.1		
					3.5		
					4.3		
					5.1		4.0' recovery
					3.1		
					4.3		
					3.5		
					3.1		
					6.3		
			ML: Dark brown silt. Saturated. Soil is very stiff and cohesive.		5.5	SB-107 - 9.5' - 10.5'	3.3' recovery
					5.1		
					5.9		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
					5.1		
			End of boring at 12'.		5.3		

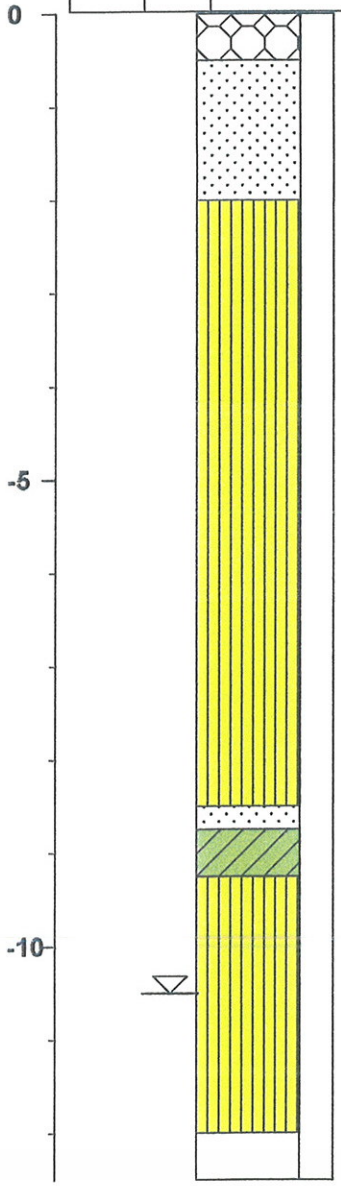
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: N of Can Washer/point SV26
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-108
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 10.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			SP: Brown fine sand with fine to medium gravel.	N/A	1.5	SB-108 - 0.5' - 1.5'	4.0' recovery
			ML: Brown to grey clayey silt with variable sand and gravel.		1.5		
					3.1		4.0' recovery
						SB-108 - 6.5' - 7.5'	
					3.1		
					1.9		
			SP: Brown silty fine sand.		2.7		
			CL: Dark grey silty clay. Moist.		1.5		
			ML: Dark grey silt. Saturated at 10.5'.				4.0' recovery
						SB-108 - 10' - 11'	
					3.9		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.				

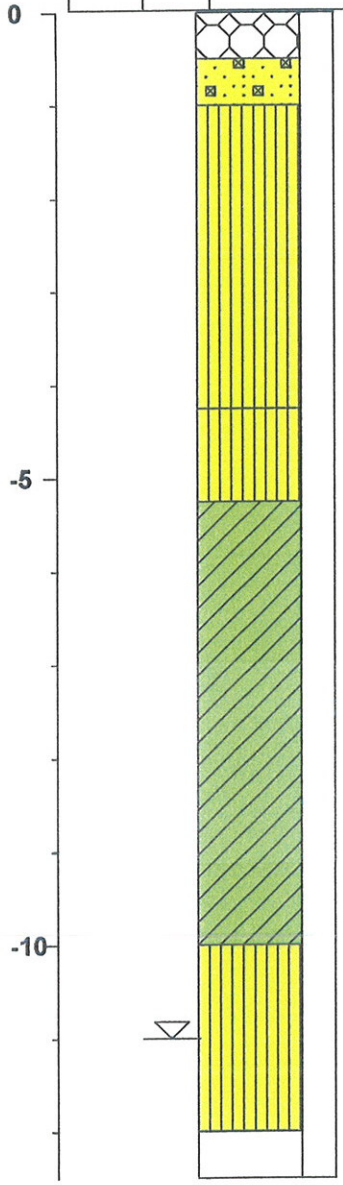
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: S of Baler
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-109
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 11'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			GP: Gravel (sub base).				
			ML: Dark brown to dark grey silt with fine sand and gravel.	N/A	0.7	SB-109 - 1' - 2'	2.0' recovery
						DUP-2 - 1' - 2'	
					2.7		
					1.1		
			ML: Brown silt. Dry.		2.7		4.0' recovery
			CL: Dark grey silty clay with occasional gravel. Soft and moist at 9'.		1.9		
					1.9		
					2.3		
					3.1		
					3.1		
					2.3		
					1.1		
					1.5		
					1.5		
			ML: Dark brown to dark grey silt with clay. Moist. Wet at 11'. No odors detected through the entire boring.		1.1		4.0' recovery
					1.5		
					2.3	SB-109 - 10.5' - 11.5'	Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		1.9		

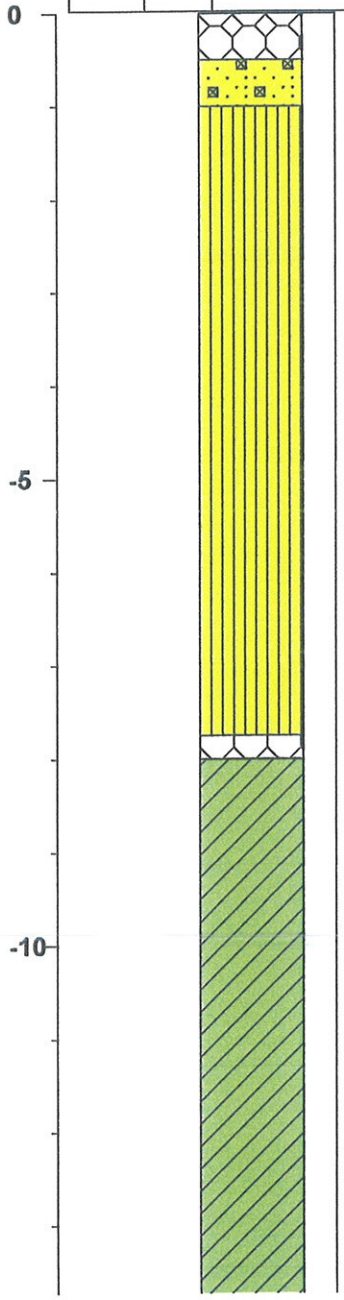
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Baler
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 16'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-110
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 15.75'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			CONCRETE: Concrete.				
			GP: Gravel (sub base).				
			ML: Dark brown sandy silt with gravel. Unidentified faint, possible solvent odor from 4' to 7.75'.	N/A	13	SB-110 - 1' - 2'	1.5' recovery
					14.2		
-5					20.6		1.0' recovery
					5.9		
			CONCRETE: Concrete.		10.3		
			CL: Dark grey silty clay with trace of fine sand. Unidentified faint, possible solvent odor from 8' to 12'.		20.2		
-10					40.4	SB-110 - 11' - 12'	1.5' recovery
					12.6		
					3.1		

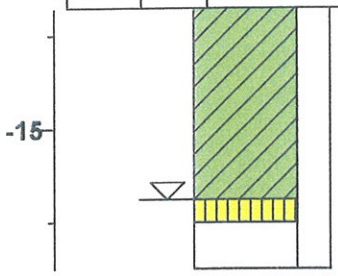
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Baler
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 16'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-110
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 15.75'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			ML: Dark grey clayey silt. Wet.		5.1	SB-110 - 15' - 16'	0.75' recovery Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 16'.				

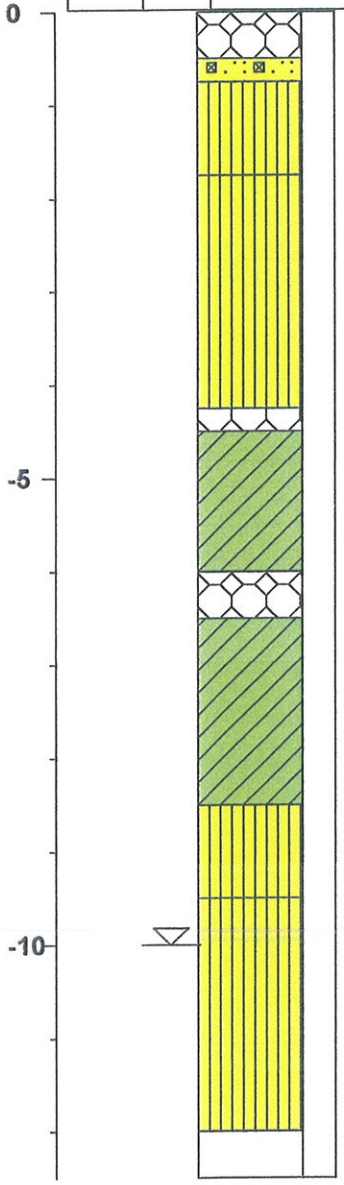
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: W of Baler
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-111
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 10'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Concrete.				
			GP: Gravel (sub base).				
			ML: Dark brown silt with clay.	N/A	102	SB-111 - 0.75' - 1.75'	4.0' recovery
			ML: Dark grey silt with minor clay and gravel. Faint petroleum hydrocarbon odor		9.1		
					10.3		
					48.4		
			CONCRETE: Concrete.		33.7	SB-111 - 4.25' - 5.25'	
			CL: Dark brown to dark grey silty clay. Faint petroleum hydrocarbon odor.		23.9		4.0' recovery
			CONCRETE: Concrete.				
			CL: Dark grey silty clay. Trace gravel. Moist from 7' to 8'. Very faint petroleum hydrocarbon odor.		11.8		
					9.9		
					10.3		
			ML: Dark brown to dark grey clayey silt. Dry.		15.8		
			ML: Dark grey silt with trace clay. Moist. Wet at 10'. Petroleum hydrocarbon odor.		9.9	SB-111 - 9.5' - 10.5'	4.0' recovery
					9.9		
					16.3		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		9.9		

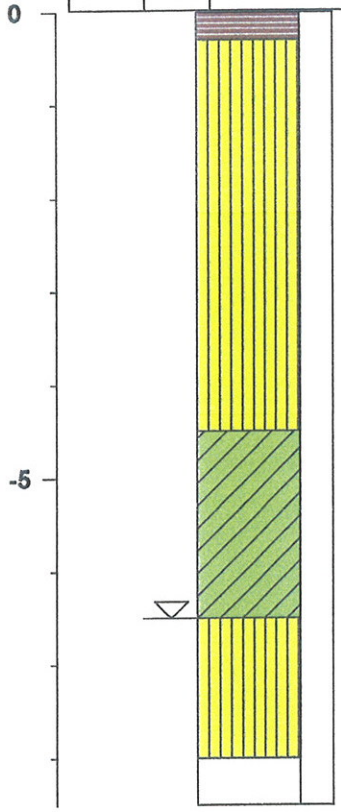
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Outside W wall of WWT Area
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 8'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-112
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 6.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			ASPHALT: Asphalt.				
			ML: Fine sandy silt with gravel.	N/A	5.1	SB-112 - 0.25' - 1.25'	4.0' recovery
					1.5		
					2.1		
					2.3		
					3.9		
					2.3		
			CL: Dark grey silty clay. Moist		3.5		
					4.3		4.0' recovery
					3.7		
					3.5		
			ML: Dark brown clayey silt. Wet.		2.3	SB-112 - 6' - 7'	
					3.5		Boring backfilled with bentonite, hydrated in lifts, topped with asphalt to match surface.
			End of boring at 8'.		5.1		

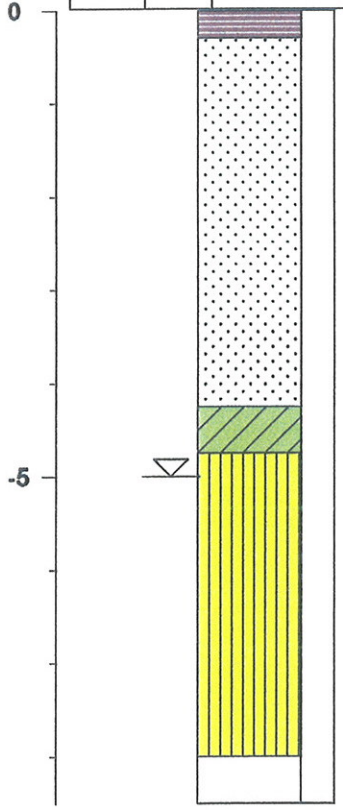
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: W of sulfuric acid and caustic ASTs
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 8'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-113
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			ASPHALT: Asphalt.				
			SP: Dark brown to dark grey gravelly fine sand and silt.	N/A		SB-113 - 0.25' - 1.25' DUP-3 - 0.25' - 1.25'	4.0' recovery
			CL: Cobble, 2" diameter, underlain by dark grey silty clay.		4.7		
			ML: Dark grey clayey silt. Wet at 5'. Septic odor.		5.5	SB-113 - 4.5' - 5.5'	4.0' recovery
					5.1		
					4.7		Boring backfilled with bentonite, hydrated in lifts, topped with asphalt to match surface.
			End of boring at 8'.		6.3		

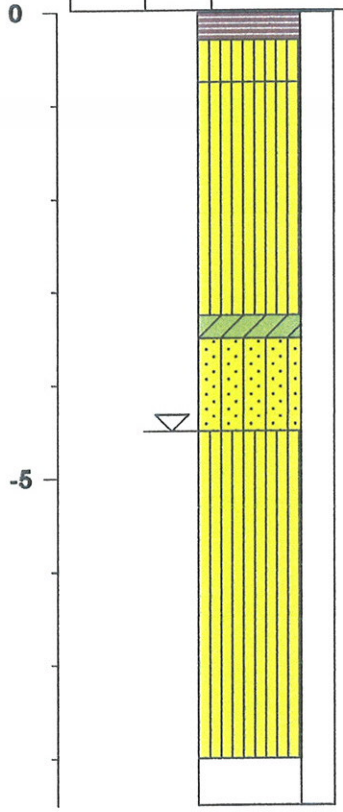
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Outside exterior W wall of offices.
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 8'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-114
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 4.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			ASPHALT: Asphalt.				
			ML: Brown fine sandy silt and concrete.	N/A		SB-114 - 0.25' - 1.25'	4.0' recovery
			ML: Brown fine sandy silt, trace gravel. Hard.				
			CL: Dark grey silty clay.				
			SM: Dark brown silty fine sand. Wet at 4.5'.				
			ML: Dark grey silt with minor clay.		3.1	SB-114 - 4' - 5'	
					3.9		4.0' recovery
					2.3		
					2.7		Boring backfilled with bentonite, hydrated in lifts, topped with asphalt to match surface.
			End of boring at 8'.		2.3		

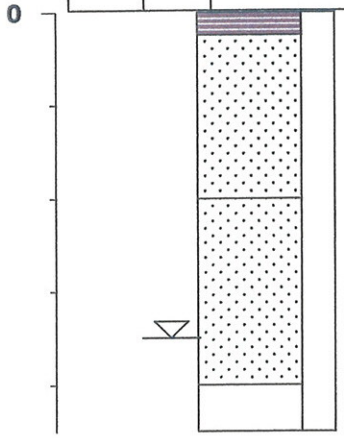
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Outside exterior N wall of Baler.
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-115
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			ASPHALT: Asphalt and sub base.				
			SP: Brown fine to medium gravelly sand.	N/A	4.3	SB-115 - 0.25' - 1.25'	3.3' recovery
			SP: Brown fine sand, trace medium gravel. Wet at 3.5'.		1.9		
					1.9	SB-115 - 3' - 4'	Boring backfilled with bentonite, hydrated in lifts, topped with asphalt to match surface.
			End of boring at 4'.		1.9		

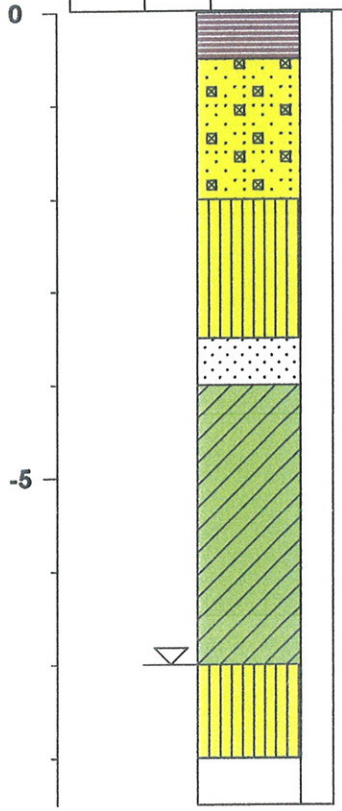
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Outside exterior E wall of Baler.
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 8'
BORING DIAMETER: 2"
DATES DRILLED: 7/06/11

BORING ID: SB-116
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Marty Haun
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 7'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			ASPHALT: Asphalt and sub base.				
			GP: Brown fine sandy gravel.	N/A		SB-116 - 0.5' - 1.5' DUP-4 - 0.5' - 1.5'	3.7' recovery
			ML: Brown fine sandy silt with gravel.		9.1		
					3.9		
			SP: Brown fine sand with trace medium sand and gravel.		4.7		
					3.9		
			CL: Dark grey silty clay with fine sand. Faint petroleum hydrocarbon odor. Very moist. Wet at 7'.		3.1		1.8' recovery
					4.7		
			ML: Dark grey clayey silt.		4.3	SB-116 - 6.5' - 7.5'	Boring backfilled with bentonite, hydrated in lifts, topped with asphalt to match surface.
					3.5		
			End of boring at 8'.		1.5		

SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: East side of excavation
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB201
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'

DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			SC: Dark brown wet clayey sand, soft.			SB201A	
			SP: Brown, moist gravelly fine sand, loose, some silt and clay. Gray clay pockets in lower 6 inches.	N/A	All background		4' recovery
						SB201B	
			CL: Dark gray, moist silty clay, soft. Wet at 3.5 feet.				Boring backfilled with bentonite, hydrated in lifts, topped with soil.
			End of boring at 4'.				

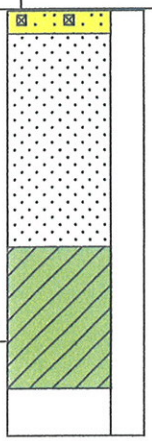
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: South side of excavation
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB202
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'

DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			GP: Ballast.				
			SP: Brown, moist gravelly fine sand, loose, some silt and clay.	N/A	All background	SB202A	4' recovery
			CL: Dark gray, moist silty clay, soft. Wet at 3.5 feet.			SB202B	Boring backfilled with bentonite, hydrated in lifts, topped with gravel to match surface.
			End of boring at 4'.				

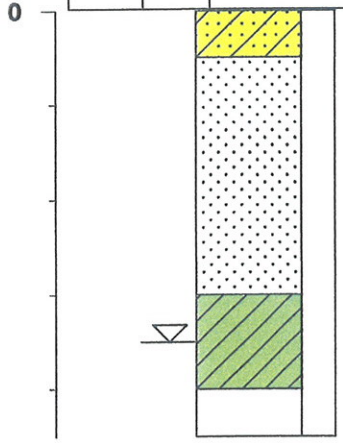
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Center of excavation
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB-203
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			SC: Dark brown wet clayey sand, soft.			SB-203A	
			SP: Brown, moist gravelly fine sand, loose, some silt and clay. Grades into lower unit.	N/A	All background		4' recovery
			CL: Dark gray, moist silty clay, soft. Wet at 3.5 feet.			SB-203B	Boring backfilled with bentonite, hydrated in lifts, topped with soil.
			End of boring at 4'.				

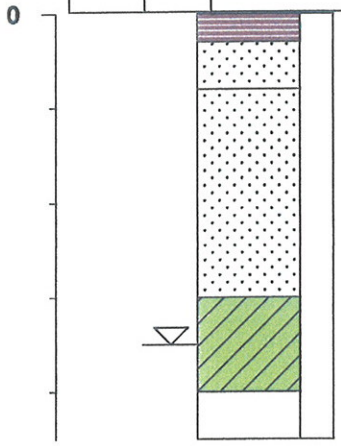
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: West side of excavation
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB204
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			ASPHALT: Pavement.				
			SP: Gray sand and angular gravel. Loose	N/A	All background	SB204A	3' recovery
			SP: Brown, moist gravelly fine sand, loose, some silt and clay. Grades into lower unit in bottom 6 inches.			SB204B	Boring backfilled with bentonite, hydrated in lifts, topped with blacktop patch.
			CL: Dark gray, moist silty clay, soft. Wet at 3.5 feet.				
			End of boring at 4'.				

SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: North side of excavation
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB205
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'

DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			SP: Gray sand and angular gravel			SB205A/DUP	
			SP: Brown, moist gravelly fine sand, loose, some silt and clay. Wet zone at 2.5' with slightly coarser gravel.	N/A	All background		3.7' recovery
			CL: Dark gray, moist silty clay, soft. Wet at 3.5 feet.			SB205B	Boring backfilled with bentonite, hydrated in lifts, topped with gravel to match surface.
			End of boring at 4'.				

SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Building wall by overhead door
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB-206
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'

DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			ASPHALT: Pavement.				
			SP: Gray, gravelly fine sand.	N/A	Background	SB206A	4' recovery
			SP: Brown fine sand and angular gravel, wet. Septic odor at 1.5 to 2.0 feet. Gasoline odor at 2.0 to 2.5 feet.		17	SB206B	
					36	SB206C	
			CL: Dark gray, moist silty clay, soft. Wet at 3.5 feet. No odors.		5		Boring backfilled with bentonite, hydrated in lifts, topped with blacktop patch.
					5	SB206D	
			End of boring at 4'.				

SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Northeast corner of building
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB207
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'

DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			ASPHALT: Pavement.				
			SP: Gray sand and angular gravel. Loose	N/A	All background		4' recovery
			SP: Brown, moist fine sand, loose (fill). Wet at 3.5'.			SB207A	
						SB207B	Boring backfilled with bentonite, hydrated in lifts, topped with blacktop patch.
			End of boring at 4'.				

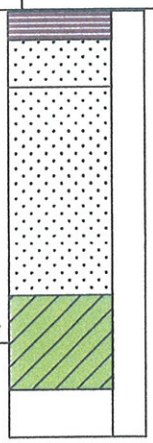
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: South of SB206
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB208
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'

DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			ASPHALT: Pavement. SP: Gray sand and angular gravel. Loose SP: Brown, moist gravelly fine sand, loose, some silt and clay. Grades into lower unit in bottom 6 inches. CL: Dark gray, moist silty clay, soft. Wet at 3.5 feet. End of boring at 4'.	N/A	All background	SB208A SB208B	4' recovery Boring backfilled with bentonite, hydrated in lifts, topped with blacktop patch.

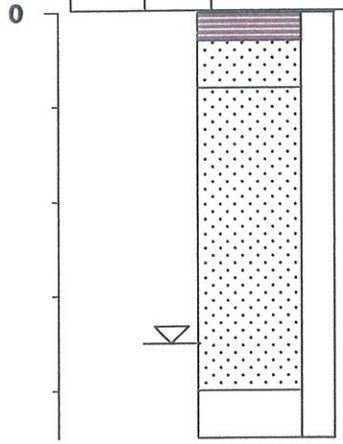
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: Between building and excavation
JOB No: 302.REX
GEOLOGIST: J. Weakliem/M. DeGregory
TOTAL DEPTH: 4'
BORING DIAMETER: 2"
DATES DRILLED: 12/29/11

BORING ID: SB209
CLIENT: RBCC
SITE NAME: REXAM - Kent
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: ESN Northwest
DRILLER: Carlos Trujillo
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push

DEPTH TO WATER: 3.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			ASPHALT: Pavement.				
			SP: Gray sand and angular gravel. Loose	N/A	All background		4' recovery
			SP: Brown, moist fine sand, loose (fill). Wet at 3.5'.			SB209A SB209B	Boring backfilled with bentonite, hydrated in lifts, topped with blacktop patch.
			End of boring at 4'.				

SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: West end of can washer

BORING ID: SB301
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA

JOB No: 302.REX
GEOLOGIST: J. Weakliem
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 5/20/14
DEPTH TO WATER: 12'

DRILLING CO.: Holocene
DRILLER: Keven Doyle
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Floor.		All 0		
			SP: Brown fine - medium sand, dry.	N/A		SB301A 0.5-1.5	30" recovery
			CL: Dark brown stiff moist silty clay. Upper foot gravelly, medium - coarse gravel.				
			SP: Wet dark brown fine sand, grades into lower unit.			SB301B 3.5-4.5	
			CL: Soft, moist clay, 1" fine - medium sand layer at base.				40" recovery
			CL: Stiff, moist clay.				
						SB301C 6.5-7.5	
			CL: Moist, soft sandy clay.				
			CL: Stiff clay, some silt, trace fine sand, dark brown.				
			GP: Red-brown gravel.				24" recovery
			ML: Brown soft sandy silt, minor clay, Moist, wet at 12'.				
						SB301D 11.0-12.0	Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.				

SOIL BORING LOG

Envision Environmental, Inc.

BORING ID: SB302

PROJECT LOCATION: Kent, WA

CLIENT: REXAM INC.

BORING LOCATION: SW of can washer chem storage

SITE NAME: RBCC

SITE ADDRESS: 1220 N. 2nd Av. Kent, WA

JOB No: 302.REX

DRILLING CO.: Holocene

GEOLOGIST: J. Weakliem

DRILLER: Keven Doyle

TOTAL DEPTH: 12'

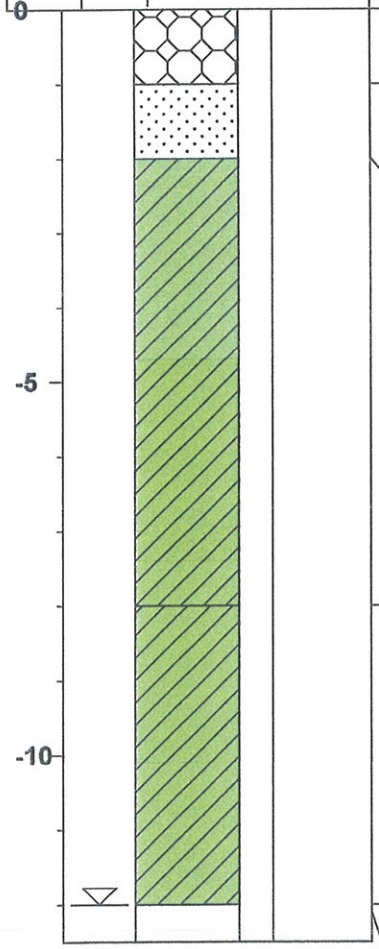
RIG & BIT TYPE: Geoprobe, 4' MacroCore

BORING DIAMETER: 2"

METHOD OF DRILLING: Direct Push

DATES DRILLED: 5/21/14

DEPTH TO WATER: 12'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			CONCRETE: Floor.				
			SP: Fine sand and fine - medium gravel, clayey, silty. Loose, brown.	N/A	5.0	SB302A 1.0-2.0	36" recovery
			CL: Clayey silt to silty clay, fine - coarse gravel, moist, stiff, dark brown. Small roots.		2.0		
					5.8		
					9.0		
					6.7	SB302B 3.5-4.5	
-5							18" recovery
					1.9		
					10	SB302C 7.0-8.0	
			CL: Gray to brown silty clay, small roots, moist. Wet at 12'.		28		
-10							4" recovery
					6.1	SB302D 11.0-12.0	Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.		14.1		

SOIL BORING LOG

Envision Environmental, Inc.

BORING ID: SB303

PROJECT LOCATION: Kent, WA

CLIENT: REXAM INC.

BORING LOCATION: North of Pal/Depal unit

SITE NAME: RBCC

SITE ADDRESS: 1220 N. 2nd Av. Kent, WA

JOB No: 302.REX

DRILLING CO.: Holocene

GEOLOGIST: J. Weakliem

DRILLER: Keven Doyle

TOTAL DEPTH: 12'

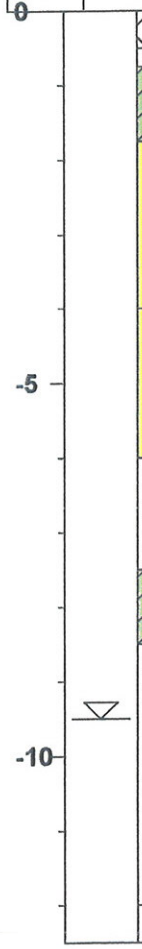
RIG & BIT TYPE: Geoprobe, 4' MacroCore

BORING DIAMETER: 2"

METHOD OF DRILLING: Direct Push

DATES DRILLED: 5/21/14

DEPTH TO WATER: 9.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
			CONCRETE: Floor.		1.5		
			SP: Brown medium sand.	N/A	3.6	SB303A 0.5-1.5	44" recovery
			CL: Brown soft clay.		8.4		
			ML: Dark brown, stiff clayey silt, some gravel.		8.1		
					41.2		
					10.6		
					3.2		
			ML: Medium brown to gray silt, hard, some fine sand and gravel.		86	SB303B 3.5-4.5	
					18.3		
					79		
-5					76		44" recovery
			SP: Very dark brown with gray mottles, silt, fine sand, fine - medium gravel, soft, moist.		81		
					86	SB303C 6.5-7.5	
			CL: Soft moist clay, trace silt.		11		
					10		
			SP: Dark gray loose fine sand. Wet at 9.5'.		8		
					10	SB303D 8.5-9.5	
					1.2		
-10					0.6		48" recovery
					0.8		
					0.3		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
					0.3		
			End of boring at 12'.		0.2		

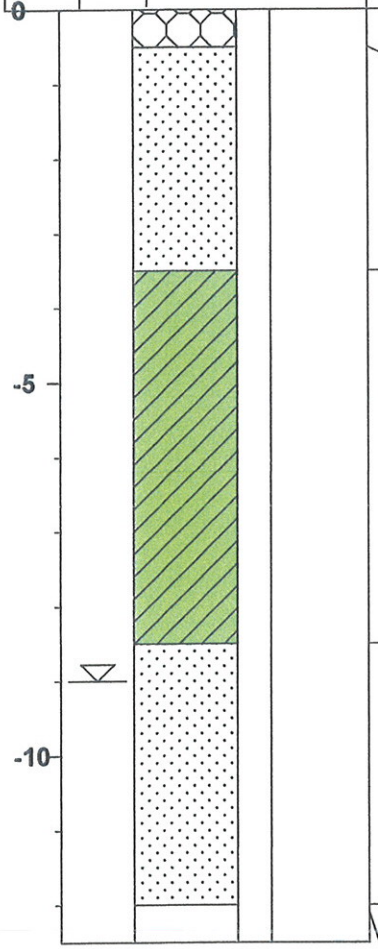
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: East of SB303

JOB No: 302.REX
GEOLOGIST: J. Weakliem
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 5/21/14
DEPTH TO WATER: 9'

BORING ID: SB304
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: Holocene
DRILLER: Keven Doyle
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			CONCRETE: Floor.		8.0		
			SP: Brown moist fine - medium sand.	N/A	19	SB304A 0.5-1.5	24" recovery
					18		
			CL: Stiff gray/brown to gray silty clay some fine to coarse gravel, becomes softer with depth.		17	SB304B 3.5-4.5	
-5							21" recovery
					5		
					8		
					20		
					20	SB304C 7-8	
					21.4		
			SP: Dark brown to gray fine sand, Wet at 9'.		5.7	SB304D 8-9	
					10.4		
					2.6		
-10					1.5		48" recovery
					1.4		
					1.1		Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
					1.1		
			End of boring at 12'.		1.3		

SOIL BORING LOG

Envision Environmental, Inc.

BORING ID: SB311

PROJECT LOCATION: Kent, WA

CLIENT: REXAM INC.

BORING LOCATION: NE corner of mfg. building

SITE NAME: RBCC

SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA

JOB No: 302.REX

DRILLING CO.: Holocene

GEOLOGIST: J. Weakliem

DRILLER: Keven Doyle

TOTAL DEPTH: 8'

RIG & BIT TYPE: Geoprobe, 4' MacroCore

BORING DIAMETER: 2"

METHOD OF DRILLING: Direct Push

DATES DRILLED: 5/21/14

DEPTH TO WATER: 7'

DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			ASPHALT: Pavement.				
			GP: Gravel, fine - coarse, possibly concrete fragments.	N/A	All 0.1	SB311 0.5-1.5	42" recovery
			CL: Brown hard moist sandy gravelly clay, some silt.			SB311B 2.0-3.0	
-5			ML: Gray to brown to green clayey silt, some fine sand, minor gravel, soft. Roots in upper 2'. Very soft, more clay and wet at 7'.				48" recovery
			End of boring at 8'.			SB311C 6.0-7.0	Boring backfilled with bentonite, hydrated in lifts, topped with asphalt patch to match grade.

SOIL BORING LOG

Envision Environmental, Inc.

BORING ID: SB312

PROJECT LOCATION: Kent, WA

CLIENT: REXAM INC.

BORING LOCATION: NE corner of mfg. building

SITE NAME: RBCC

SITE ADDRESS: 1220 N. 2nd Av. Kent, WA

JOB No: 302.REX

DRILLING CO.: Holocene

GEOLOGIST: J. Weakliem

DRILLER: Keven Doyle

TOTAL DEPTH: 8'

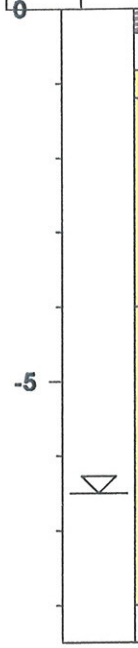
RIG & BIT TYPE: Geoprobe, 4' MacroCore

BORING DIAMETER: 2"

METHOD OF DRILLING: Direct Push

DATES DRILLED: 5/21/14

DEPTH TO WATER: 6.5'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			ASPHALT: Pavement	N/A	All 0.1	SB312A 0.5-1.5	33" recovery
			SP: Gravelly sand				
			GP: Gravel				
			ML: Gray to brown stiff clayey silt.			SB312B 2.0-3.0	
			ML: Gray clayey silt, small roots, wet at 6.5'.				
-5							36" recovery
						SB312C 5.5-6.5	Boring backfilled with bentonite, hydrated in lifts, topped with asphalt patch to match grade.
			End of boring at 8'.				

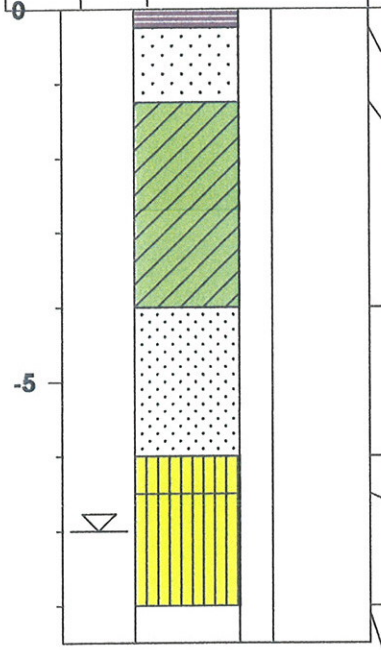
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: East of Baler area

JOB No: 302.REX
GEOLOGIST: J. Weakliem
TOTAL DEPTH: 8'
BORING DIAMETER: 2"
DATES DRILLED: 5/21/14
DEPTH TO WATER: 7'

BORING ID: SB313
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: Holocene
DRILLER: Keven Doyle
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			ASPHALT: Pavement.				
			SW: Hard, gray, moist gravelly fine - coarse sand.	N/A	All 0	SB313A 0.5-1.5	24" recovery
			CL: Brown hard silty clay, some fine sand,				
			SP: Loose, gray fine sand			SB313B 2.0-3.0	
-5							48" recovery
			ML: Soft gray fine sandy silt.				
			ML: Soft to stiff gray clayey silt. Wet at 7'.			SB313C 6.0-7.0	Boring backfilled with bentonite, hydrated in lifts, topped with asphalt patch to match grade.
			End of boring at 8'.				

SOIL BORING LOG

Envision Environmental, Inc.

BORING ID: SB314

PROJECT LOCATION: Kent, WA

CLIENT: REXAM INC.

BORING LOCATION: Between bodymakers and cuppers

SITE NAME: RBCC

SITE ADDRESS: 1220 N. 2nd Av. Kent, WA

JOB No: 302.REX

DRILLING CO.: Holocene

GEOLOGIST: J. Weakliem

DRILLER: Keven Doyle

TOTAL DEPTH: 12'

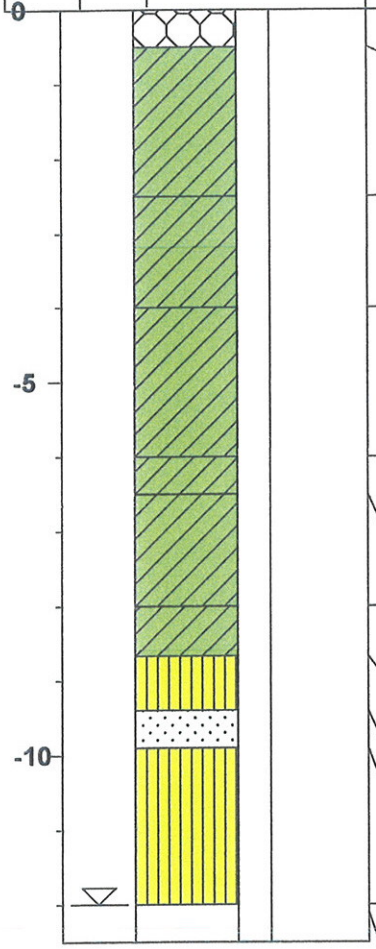
RIG & BIT TYPE: Geoprobe, 4' MacroCore

BORING DIAMETER: 2"

METHOD OF DRILLING: Direct Push

DATES DRILLED: 5/20/14

DEPTH TO WATER: 12'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			CONCRETE: Floor.				
			CL: Brown gravelly clay, upper 6 inches sandy, moist, stiff. Septic odor.	N/A	13.2	SB31A4 0.5-1.5	44" recovery
					2.7		
					3.0		
			CL: Dark brown clay. Upper foot stiff, minor gravel, then soft, moist, no gravel.		2.2		
					0.7		
					0.3		
			CL: Moist hard dark brown clay, minor to some gravel.		All 0 below this depth	SB314B 4.25-5.25	
-5							48" recovery
			CL: Soft, moist dark brown clay.				
			CL: Very stiff dark brown clay, minor to some gravel.				
			CL: Stiff, very moist dark brown clay.				
			ML: Dark brown moist clayey silt.				
-10			SP: Hard fine sand.				48" recovery
			ML: Dark brown hard silt, minor clay. Moist, wet at 12'.				
						SB314C 11.0-12.0	Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
			End of boring at 12'.				

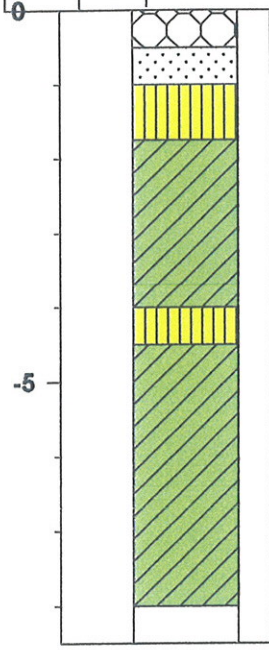
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: By filter sump pit

JOB No: 302.REX
GEOLOGIST: J. Weakliem
TOTAL DEPTH: 8'
BORING DIAMETER: 2"
DATES DRILLED: 5/20/14
DEPTH TO WATER: Not encountered

BORING ID: SB315
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holocene
DRILLER: Keven Doyle
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			CONCRETE: Floor.		23.3		
			SP: Dark brown very hard gravelly sand.	N/A	13.9	SB315A 0.5-1.5	44" recovery
			ML: Dark brown gravelly silt, hard.		3.5		
			CL: Very hard slightly moist clay		0.9		
					0.8		
					1.0		
					0.7		
			ML: Dark brown clayey silt, soft, moist.		0.4	SB315B 4.25-5.25	
-5			CL: Dark brown moist gravelly clay, very stiff.		All 0 below this depth		42" recovery
							Boring backfilled with bentonite, hydrated in lifts, topped with concrete to match floor.
						SB315C 7.0-8.0	
			Refusal at 8'				

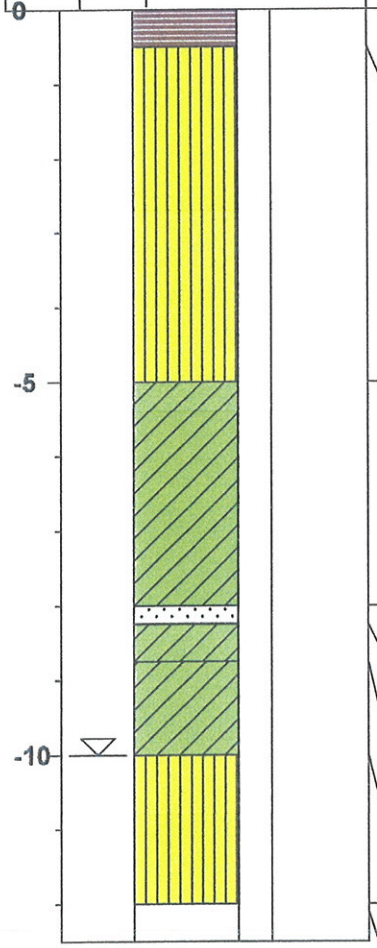
SOIL BORING LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
BORING LOCATION: North of mfg building

JOB No: 302.REX
GEOLOGIST: J. Weakliem
TOTAL DEPTH: 12'
BORING DIAMETER: 2"
DATES DRILLED: 5/21/14
DEPTH TO WATER: 10'

BORING ID: SB316
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holocene
DRILLER: Keven Doyle
RIG & BIT TYPE: Geoprobe, 4' MacroCore
METHOD OF DRILLING: Direct Push



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			ASPHALT: Pavement and gravel subbase.		0		
			ML: Brown gravelly silt, some clay and fine sand.	N/A	0	SB316A 0.5-1.5	30" recovery
					0		
					0		
					0	SB316B 4.25-5.25	
-5			CL: Gray silty clay, minor fine gravel, soft, moist.		0		30" recovery
					0		
					0		
			SP: Loose, gray fine sand.		0		
			CL: Soft, very moist silty clay, brown to gray.		0		44" recovery
-10	▽		CL: Gray, hard, gravelly silty clay. Wood and gravel at 10'; wood has creosote odor.		1.3	SB316C 9.0-10.0	
			ML: Wet, gray to brown silt.		0.1		Boring backfilled with bentonite, hydrated in lifts, topped with asphalt patch to match grade.
			End of boring at 12'.		0.1		

SOIL BORING LOG

Envision Environmental, Inc.

BORING ID: SB204R

PROJECT LOCATION: Kent, WA

CLIENT: REXAM INC.

BORING LOCATION: East edge, paved area.

SITE NAME: RBCC

SITE ADDRESS: 1220 N. 2nd Av. Kent, WA

JOB No: 302.REX

DRILLING CO.: Holocene

GEOLOGIST: J. Weakliem

DRILLER: Keven Doyle

TOTAL DEPTH: 8'

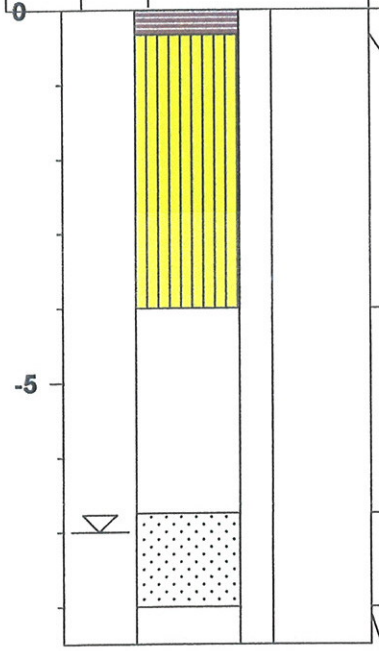
RIG & BIT TYPE: Geoprobe, 4' MacroCore

BORING DIAMETER: 2"

METHOD OF DRILLING: Direct Push

DATES DRILLED: 5/21/14

DEPTH TO WATER: 7'



DEPTH (Feet)	DTW	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Samples	Comments
0			ASPHALT: Pavement.				
			ML: Brown gravelly clayey silt, sandy in upper foot. Hard.	N/A	All 0.1	SB204RA 0.3-0.8	39" recovery
			No recovery to 6.75'.				15" recovery
			SP: Gray fine sand, wet at 7'.				Boring backfilled with bentonite, hydrated in lifts, topped with asphalt patch to match grade.
			End of boring at 8'.				

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 9

Soil Boring Installation Procedures, Soil Sampling Procedures, Monitoring Well Installation Procedures, ENVISION ENVIRONMENTAL, INC. Remedial Investigation

ENVISION ENVIRONMENTAL, INC.

Soil Boring Installation Procedures
Soil Sampling Procedures
Monitoring Well Installation Procedures
for the
Remedial Investigation
of
REXAM Beverage Can Company
1220 North 2nd Avenue
Kent, King County, WA 98032

Site Number: 35918556
Voluntary Cleanup Program No. NW1105

The public utility locating system was called more than two business days before any drilling or excavating work commenced. A private underground utility locating firm was also engaged to survey each location to clear it of underground utilities before breaking ground. Boring and excavation locations were also reviewed with Site personnel to determine if there were any conflicts with known underground structures or utilities.

All borings and monitoring wells were installed by Washington-licensed drilling contractors, with the contractor being selected based on factors including available drilling equipment, experience in drilling inside buildings, and other considerations for the phase of work being carried out.

For borings or wells in concrete, a water-cooled core saw was used to cut a hole in the concrete after the location was cleared. A shop vacuum was used to vacuum up water and cuttings. This material was placed into DOT-approved 55-gallon steel drums, which were labelled and stored in the Site's drum storage area for subsequent proper offsite disposal.

For borings in asphalt, a star bit was used to drill through the pavement. When installing monitoring wells in asphalt, a cutting head of appropriate diameter for the well being installed was used to break through the pavement.

Soil Boring Installation and Sampling

After the concrete or pavement was cored, soil samples were collected using a 2 inch diameter stainless steel MacroCore sampler with 48 inch long by 1¾ inch interior diameter disposable PVC liners. The boring lithologies were logged by an ENVISION field geologist. The borings were also screened using an organic vapor monitor (OVM) equipped with a photoionization detector (PID) fitted with a 10.6 eV lamp, which was calibrated to a 100 parts per million (ppm) isobutylene standard before beginning field activities. Borings were advanced to groundwater or refusal. Soil samples were collected from the borings based on field observations, PID readings, depths at which previous samples from the area had exhibited impact, and from the interval above groundwater. Field observations were recorded on soil boring lithologic logs.

All soil samples (including post-excavation samples) were collected into new laboratory-supplied glassware using disposable plastic sampling trowels. The sample parameters were based on the area under investigation. Each sample was labeled with project identification, sample identification and time of collection. The samples were packed in a cooler with ice and transported under chain-of-custody protocol to a Washington-licensed analytical laboratory for analysis. TestAmerica of Tacoma, WA (TESTAMERICA) and Friedman & Bruya Inc. of Seattle, WA (F&BI) were used during different phases of the project. Containers and preservatives were in accordance with the method requirements (see Table 3).

Field blanks were collected by pouring laboratory-supplied analyte-free water over dedicated unused sampling equipment into appropriately preserved sample containers. A laboratory-supplied trip blank was included in each cooler that contained VOC samples. Sampling personnel wore nitrile gloves, which were changed between each sample and as needed. Reusable sampling equipment was decontaminated between samples by first washing with a solution of Alconox and potable water, then a potable water rinse, and finally a distilled/deionized water rinse. All disposable sampling equipment was changed between samples. Decontamination water and soil cuttings were placed in DOT-approved 55-gallon steel drums, labelled, and staged in the Site's drum storage area for subsequent proper offsite disposal.

After completion of the boring, the boring was backfilled in lifts with bentonite, with each lift being hydrated. The boring was topped to match grade.

Monitoring Well Installation

After breaking through the pavement, all shallow wells installed by ENVISION were installed using 6.25inch outside diameter hollow stem augers, with the exception of MW-108, which was installed using direct-push techniques.

Deep well MW-201 was drilled to 48.5 feet bgs using 10.25 inch outside diameter hollow stem augers. A 6 inch diameter PVC casing was pressure grouted in place using a tremie pipe by grouting from the base up. The casing was installed approximately 3 feet into a layer of lower hydraulic conductivity identified through CPT boring installation. The grout was allowed to set overnight and a 6 inch diameter boring was drilled out using a rotary tricone bit inside the outer casing to 63.5 feet bgs. Water was used as the circulating fluid to keep the hole open, cool the bit, and flush out cuttings.

All wells were constructed of 2 inch diameter PVC pipe with a threaded endcap. Shallow wells were constructed with a sufficient length of 0.01 inch slot PVC screen to screen across the water table, a 10/20 sand pack to 1 to 2 feet above the screen, a seal of bentonite chips, which were hydrated with potable water, and a concrete pad and steel manhole. MW-201 was constructed with a 5 foot length of 0.01 inch slot PVC screen, a 10/20 sand pack to 2 feet above the screen, a 5 foot thick seal of bentonite chips which were installed in lifts and hydrated with potable water, and a cement/bentonite grout to 1 foot bgs. This well was also finished as a flush

mount, with a concrete pad and steel manhole.

Well MW-108 was installed using direct push drilling methods because the generation of cuttings or dust inside the Manufacturing Building was not permissible. The borehole was first drilled using a 2 inch diameter MacroCore sampler to log the lithology and to verify the depth to the water table. Soil samples were collected for total organic carbon and grain size measurement.

It was initially intended to push 3 inch diameter tooling to allow a 2 inch diameter well to be installed. However, it became apparent in the initial few feet of advancing this tooling that there was a high probability that the tooling would bind and be unable to be withdrawn. Consequently, 2 inch tooling was advanced to install MW-108.

The well was drilled to 16 feet bgs, and completed with 10 feet of 0.75 inch inside diameter 0.01 inch slot PVC screen with a threaded endcap. A sand pack of 10/20 sand was installed to 5 feet bgs, and a seal of bentonite chips was added in lifts and hydrated with potable water. A watertight cap and flush mount with a concrete pad and steel manhole cover was installed.

All wells were fitted with lockable expansion plugs and locks.

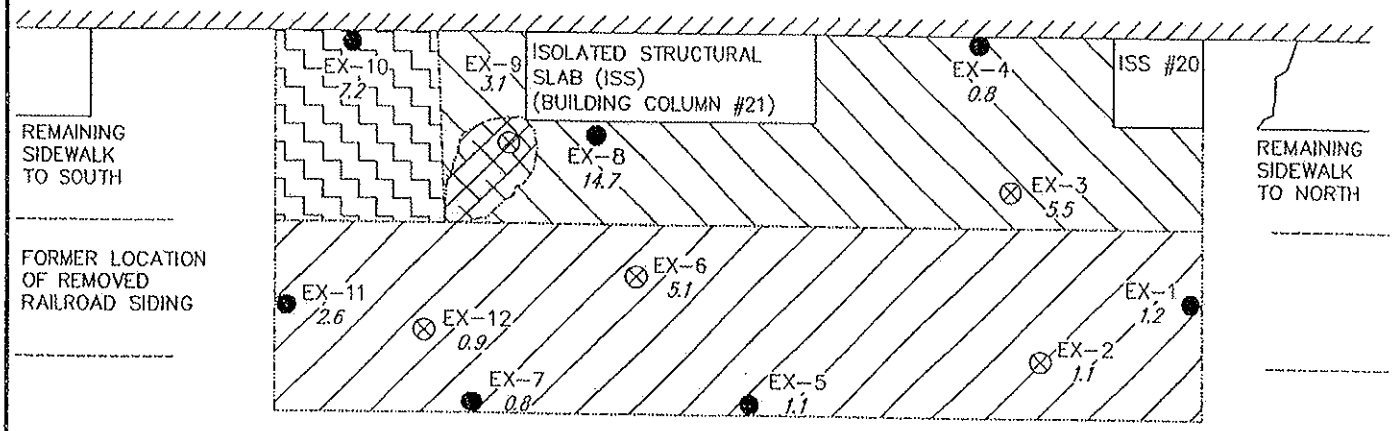
After installation, the elevation of the top of the inner casing and the top of manhole, and the location of each well were surveyed by a Washington-licensed surveyor.

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 10

Figure and Data Summary Table, Railroad Siding Excavation,
ENVISION's 2009 Environmental Assessment Report,
Railroad Siding Excavation and Interior Subfloor Area Investigation

BUILDING



LEGEND

- SIDEWALL SOIL SAMPLE
- EXCAVATION BASE SOIL SAMPLE
- 7.2 PID READING
- AREA OF ADDITIONAL EXCAVATION 48" DEEP
- EXCAVATION 36" DEEP
- EXCAVATION 29" – 33" DEEP
- EXCAVATION 12" DEEP

N

APPROXIMATE SCALE

6 3 0 6

(IN FEET)

Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1885 Fax: 609-208-1889

REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
RAILROAD SIDING EXCAVATION

Revisions:

Project No.	302.REX
Date:	04/29/08
Scale:	As Shown
Drawing No.	FIGURE 3

Table 3
Soil Analytical Results
Post-Excavation Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Unrestricted Land Use Cleanup Level	MTCA Method A Industrial Cleanup Level	MTCA Method B Unrestricted Use Value (Direct Contact)	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8
Laboratory ID No.				580-7457-1	580-7457-2	580-7457-3	580-7457-4	580-7457-5	580-7457-6	580-7457-7	580-7457-8
Date Sampled				9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Depth (feet below grade)				0.5-1.0	1.0-1.5	3.0-3.5	2.5-3.0	0.5-1.0	1.0-1.5	0.5-1.0	2.5-3.0
Analytical Parameter											
Volatile Organic Compounds (µg/Kg)											
Dichlorodifluoromethane	NE	NE	16,000,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Chloromethane	NE	NE	77,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Vinyl chloride	NE	NE	670	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Bromomethane	NE	NE	110,000	ND (1.1)*	ND (0.99)*	ND (0.92)*	ND (0.93)*	ND (0.88)*	ND (0.94)*	ND (0.92)*	ND (1.0)*
Chloroethane	NE	NE	350,000	1.8	ND (0.99)	3.0	2.1	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Trichlorofluoromethane	NE	NE	24,000,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,1-Dichloroethene	NE	NE	4,000,000	ND (1.1)	ND (0.99)	2.6	1.6	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Methylene chloride	20	20	NA	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
trans-1,2-Dichloroethene	NE	NE	1,600,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,1-Dichloroethane	NE	NE	8,000,000	12*	4.8*	40*	31*	1.8*	1.3*	1.3*	ND (1.0)*
2,2-Dichloropropane	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
cis-1,2-Dichloroethene	NE	NE	800,000	ND (1.1)	ND (0.99)	4.7	3.8	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Chlorobromomethane	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Chloroform	NE	NE	160,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,1,1-Trichloroethane	2,000	2,000	NA	3.9	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Carbon tetrachloride	NE	NE	7,700	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,1-Dichloropropene	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Benzene	30	30	NA	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,2-Dichloroethane	NE	NE	11,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Trichloroethene	30	30	NA	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,2-Dichloropropane	NE	NE	15,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	0.99	ND (0.92)	ND (1.0)
Dibromomethane	NE	NE	800,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Dichlorobromomethane	NE	NE	16,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
cis-1,3-Dichloropropene	NE	NE	5,600	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Toluene	7,000	7,000	NA	ND (1.1)	ND (0.99)	1.2	0.93	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
trans-1,3-Dichloropropene	NE	NE	5,600	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,1,2-Trichloroethane	NE	NE	18,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Tetrachloroethene	50	50	NA	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,3-Dichloropropane	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Chlorodibromomethane	NE	NE	12,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Ethylene dibromide	5	5	NA	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Chlorobenzene	NE	NE	1,600,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Ethylbenzene	6,000	6,000	NA	ND (1.1)	ND (0.99)	2.3	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,1,2,2-Tetrachloroethane	NE	NE	5,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
m-Xylene & p-Xylene	9,000 a	9,000 a	NA	ND(2.3)	ND(2.0)	5.5	2.3	ND(1.8)	ND(1.9)	ND(1.8)	ND(2.1)
o-Xylene	9,000 a	9,000 a	NA	ND (1.1)	ND (0.99)	8.3	4.2	ND (0.88)	3.1	ND (0.92)	ND (1.0)
Styrene	NE	NE	33,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Bromoform	NE	NE	130,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Isopropylbenzene	NE	NE	8,000,000	ND (1.1)	ND (0.99)	7.3	3.0	ND (0.88)	3.5	ND (0.92)	ND (1.0)
Bromobenzene	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
n-Propylbenzene	NE	NE	NE	ND (1.1)	ND (0.99)	16	12	ND (0.88)	26	ND (0.92)	ND (1.0)
1,2,3-Trichloropropane	NE	NE	140	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)

Table 3
Soil Analytical Results
Post-Excavation Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8
Laboratory ID No.	Method A	Method A	Method B	580-7457-1	580-7457-2	580-7457-3	580-7457-4	580-7457-5	580-7457-6	580-7457-7	580-7457-8
Date Sampled	Unrestricted	Industrial	Unrestricted Use	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.5-1.0	1.0-1.5	3.0-3.5	2.5-3.0	0.5-1.0	1.0-1.5	0.5-1.0	2.5-3.0
Analytical Parameter	Cleanup Level		(Direct Contact)								
2-Chlorotoluene	NE	NE	1,600,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,3,5-Trimethylbenzene	NE	NE	4,000,000	ND(2.3)	ND(2.0)	270	61	ND(1.8)	450	ND(1.8)	ND(2.1)
4-Chlorotoluene	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
tert-Butylbenzene	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,2,4-Trimethylbenzene	NE	NE	4,000,000	1.8	ND (0.99)	950	730	1.2	1,400	ND (0.92)	4.8
sec-Butylbenzene	NE	NE	NE	ND (1.1)	ND (0.99)	1.3	ND (0.93)	ND (0.88)	5.2	ND (0.92)	ND (1.0)
1,3-Dichlorobenzene	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
4-Isopropyltoluene	NE	NE	NE	ND (1.1)	ND (0.99)	3.9	1.4	ND (0.88)	2.3	ND (0.92)	ND (1.0)
1,4-Dichlorobenzene	NE	NE	42,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
n-Butylbenzene	NE	NE	NE	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,2-Dibromo-3-Chloropropane	NE	NE	710	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (2.3)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND(1.8)	ND(2.1)
1,2,3-Trichlorobenzene	NE	NE	NE	ND (2.3)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND(1.8)	ND(2.1)
Hexachlorobutadiene	NE	NE	13,000	ND (1.1)	ND (0.99)	ND (0.92)	ND (0.93)	ND (0.88)	ND (0.94)	ND (0.92)	ND (1.0)
Naphthalene	5,000	5,000	NA	ND (1.1)	ND (0.99)	3.5	ND (0.93)	ND (0.88)	7.5	ND (0.92)	ND (1.0)
Semi-Volatile Organic Compounds (µg/Kg)											
Phenol	NE	NE	48,000,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
bis(2-Chloroethyl)ether	NE	NE	910	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (96)*
2-Chlorophenol	NE	NE	400,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
1,3-Dichlorobenzene	NE	NE	NE	ND (51)	ND (57)	ND (55)	ND (57)	ND (55)	ND (55)	ND (55)	ND (48)
1,4-Dichlorobenzene	NE	NE	42,000	ND (51)	ND (57)	ND (55)	ND (57)	ND (55)	ND (55)	ND (55)	ND (48)
Benzyl alcohol	NE	NE	24,000,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (51)	ND (57)	ND (55)	ND (57)	ND (55)	ND (55)	ND (55)	ND (48)
2-Methylphenol	NE	NE	4,000,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
bis(2-Chloroisopropyl)ether	NE	NE	3,200,000	ND (150)	ND (170)	ND (160)	ND (170)	ND (160)	ND (170)	ND (160)	ND (140)
3 & 4 Methylphenol	NE	NE	400,000	ND (200)	ND (230)	ND (220)	ND (230)	ND (220)	ND (220)	ND (220)	ND (190)
n-Nitroso-di-n-propylamine	NE	NE	140	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Hexachloroethane	NE	NE	71,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Nitrobenzene	NE	NE	40,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Isophorone	NE	NE	1,100,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
2-Nitrophenol	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
2,4-Dimethylphenol	NE	NE	1,600,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Benzoic acid	NE	NE	320,000,000	ND (2,600)	ND (2,900)	ND (2,700)	ND (2,800)	ND (2,700)	ND (2,800)	ND (2,700)	ND (2,400)
bis(2-Chloroethoxy)methane	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
2,4-Dichlorophenol	NE	NE	240,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (51)	ND (57)	ND (55)	ND (57)	ND (55)	ND (55)	ND (55)	ND (48)
Naphthalene	5,000	5,000	NA	ND (20)	ND (23)	33	ND (23)	ND (22)	220	ND (22)	ND (19)
4-Chloroaniline	NE	NE	320,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Hexachlorobutadiene	NE	NE	13,000	ND (51)	ND (57)	ND (55)	ND (57)	ND (55)	ND (55)	ND (55)	ND (48)
4-Chloro-3-methylphenol	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
2-Methylnaphthalene	NE	NE	320,000	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	280	ND (22)	ND (19)

Table 3
Soil Analytical Results
Post-Excavation Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8
Laboratory ID No.	Method A	Method A	Method B	580-7457-1	580-7457-2	580-7457-3	580-7457-4	580-7457-5	580-7457-6	580-7457-7	580-7457-8
Date Sampled	Unrestricted	Industrial	Unrestricted Use	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.5-1.0	1.0-1.5	3.0-3.5	2.5-3.0	0.5-1.0	1.0-1.5	0.5-1.0	2.5-3.0
Analytical Parameter	Cleanup Level		(Direct Contact)								
Hexachlorocyclopentadiene	NE	NE	480,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
2,4,6-Trichlorophenol	NE	NE	91,000	ND (150)	ND (170)	ND (160)	ND (170)	ND (160)	ND (170)	ND (160)	ND (140)
2,4,5-Trichlorophenol	NE	NE	8,000,000	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (96)*
2-Chloronaphthalene	NE	NE	6,400,000	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	ND (22)	ND (22)	ND (19)
2-Nitroaniline	NE	NE	NE	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (96)*
Dimethyl phthalate	NE	NE	80,000,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Acenaphthylene	NE	NE	NE	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	ND (22)	ND (22)	ND (19)
2,6-Dinitrotoluene	NE	NE	80,000	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (96)*
3-Nitroaniline	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Acenaphthene	NE	NE	4,800,000	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	ND (22)	ND (22)	ND (19)
2,4-Dinitrophenol	NE	NE	160,000	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (960)
4-Nitrophenol	NE	NE	NE	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (960)
Dibenzofuran	NE	NE	160,000	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (96)*
2,4-Dinitrotoluene	NE	NE	160,000	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (96)*
Diethyl phthalate	NE	NE	64,000,000	480 B	490 B	530 B	640 B	480 B	510 B	500 B	350 B
4-Chlorophenyl-phenyl ether	NE	NE	NE	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (110)*	ND (96)*
Fluorene	NE	NE	3,200,000	ND (20)*	ND (23)*	ND (22)*	ND (23)*	ND (22)*	ND (22)*	ND (22)*	ND (19)*
4-Nitroaniline	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
4,6-Dinitro-2-methylphenol	NE	NE	NE	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,100)	ND (960)
n-Nitrosodiphenylamine	NE	NE	200,000	ND (51)	ND (57)	ND (55)	ND (57)	ND (55)	ND (55)	ND (55)	ND (48)
4-Bromophenyl phenyl ether	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Hexachlorobenzene	NE	NE	630	ND (51)	ND (57)	ND (55)	ND (57)	ND (55)	ND (55)	ND (55)	ND (48)
Pentachlorophenol	NE	NE	8,300	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
Phenanthrene	NE	NE	NE	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	ND (22)	ND (22)	ND (19)
Anthracene	NE	NE	24,000,000	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	ND (22)	ND (22)	ND (19)
Di-n-butyl phthalate	NE	NE	8,000,000	ND (200)	ND (230)	ND (220)	ND (230)	ND (220)	ND (220)	ND (220)	ND (190)
Fluoranthene	NE	NE	3,200,000	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	ND (22)	ND (22)	ND (19)
Pyrene	NE	NE	2,400,000	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	ND (22)	ND (22)	ND (19)
Butyl benzyl phthalate	NE	NE	16,000,000	ND (100)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (110)	ND (96)
3,3'-Dichlorobenzidine	NE	NE	2,200	ND (200)	ND (230)	ND (220)	ND (230)	ND (220)	ND (220)	ND (220)	ND (190)
Benzo(a)anthracene	NE	NE	NE	ND (26)	ND (29)	ND (27)	ND (28)	ND (27)	ND (28)	ND (27)	ND (24)
Chrysene	NE	NE	NE	ND (26)	ND (29)	ND (27)	ND (28)	ND (27)	ND (28)	ND (27)	ND (24)
bis(2-Ethylhexyl)phthalate	NE	NE	71,000 / 2,000	ND (1,500)	ND (1,700)	ND (1,600)	ND (1,700)	ND (1,600)	ND (1,700)	ND (1,600)	ND (1,400)
Di-n-octyl phthalate	NE	NE	1,600,000	ND (200)	ND (230)	ND (220)	ND (230)	ND (220)	ND (220)	ND (220)	ND (190)
Benzo(a)pyrene	100	2,000	NA	ND (31)	ND (34)	ND (33)	ND (34)	ND (33)	ND (33)	ND (33)	ND (29)
Indeno(1,2,3-cd)pyrene	NE	NE	NE	ND (41)	ND (46)	ND (44)	ND (45)	ND (44)	ND (44)	ND (44)	ND (39)
Dibenz(a,h)anthracene	NE	NE	NE	ND (41)	ND (46)	ND (44)	ND (45)	ND (44)	ND (44)	ND (44)	ND (39)
Benzo(g,h,i)perylene	NE	NE	NE	ND (26)	ND (29)	ND (27)	ND (28)	ND (27)	ND (28)	ND (27)	ND (24)
Carbazole	NE	NE	50,000	ND (150)	ND (170)	ND (160)	ND (170)	ND (160)	ND (170)	ND (160)	ND (140)
1-Methyl naphthalene	NE	NE	24,000	ND (31)	ND (34)	ND (33)	ND (34)	ND (33)	110	ND (33)	ND (29)
Benzo(b)fluoranthene	NE	NE	NE	ND (20)	ND (23)	ND (22)	ND (23)	ND (22)	ND (22)	ND (22)	ND (19)
Benzo(k)fluoranthene	NE	NE	NE	ND (26)	ND (29)	ND (27)	ND (28)	ND (27)	ND (28)	ND (27)	ND (24)

Table 3
Soil Analytical Results
Post-Excavation Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Unrestricted Land Use Cleanup Level	MTCA Method A Industrial Cleanup Level	MTCA Method B Unrestricted Use Value (Direct Contact)	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8
Laboratory ID No.				580-7457-1	580-7457-2	580-7457-3	580-7457-4	580-7457-5	580-7457-6	580-7457-7	580-7457-8
Date Sampled				9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Depth (feet below grade)				0.5-1.0	1.0-1.5	3.0-3.5	2.5-3.0	0.5-1.0	1.0-1.5	0.5-1.0	2.5-3.0
Analytical Parameter											
Total Petroleum Hydrocarbons (TPH) (mg/Kg)											
NWTPH-Gx (gasoline)	100	100	NE	ND (4.6)	ND (3.8)	13	8.6	ND (3.6)	32	ND (3.4)	ND (4.3)
NWTPH-Dx											
Motor Oil (>C24-C36)	2,000	2,000	NE	ND (53)	ND (57)	ND (55)	ND (55)	ND (57)	ND (54)	ND (52)	ND (50)
#2 Diesel (C10-C24)	2,000	2,000	NE	ND (26)	ND (28)	ND (27)	ND (27)	ND (29)	33	ND (26)	ND (25)
Priority Pollutant Metals (mg/Kg)											
Arsenic	20	20	NA	ND (3.1)	ND (3.3)	5.1	3.9	ND (3.4)	ND (3.3)	ND (3.2)	ND (3.0)
Antimony	NE	NE	32	ND (3.1)	ND (3.3)	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.3)	ND (3.2)	ND (3.0)
Beryllium	NE	NE	160	ND (0.26)	ND (0.28)	ND (0.28)	ND (0.29)	ND (0.28)	ND (0.28)	ND (0.27)	ND (0.25)
Cadmium	2	2	NA	ND (0.52)	ND (0.55)	ND (0.56)	ND (0.57)	ND (0.57)	ND (0.56)	ND (0.54)	ND (0.50)
Chromium	2,000 b	2,000 b	NA	21	36	28	29	29	21	26	17
Copper	NE	NE	3,000	19	28	23	27	26	21	23	20
Lead	250	1,000	NA	2.4	5.9	4.5	4.7	5.0	3.2	4.1	2.5
Nickel **	NE	NE	1,600	25	47	30	36	34	26	32	23
Selenium	NE	NE	400	ND (5.2)	ND (5.5)	ND (5.6)	ND (5.7)	ND (5.7)	ND (5.6)	ND (5.4)	ND (5.0)
Silver	NE	NE	400	ND (1.0)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.0)
Thallium **	NE	NE	5.6	ND (5.2)	ND (5.5)	ND (5.6)	ND (5.7)	ND (5.7)	ND (5.6)	ND (5.4)	ND (5.0)
Zinc	NE	NE	24,000	33	46	33	38	40	33	37	34
Hexavalent Chromium	19	19	NA	ND (0.26)	ND (0.29)	ND (0.30)	ND (0.29)	ND (0.29)	ND (0.30)	ND (0.29)	ND (0.25)
Mercury**	2	2	NA	0.014	0.041	0.032	0.039	0.038	0.037	0.027	0.017

µg/Kg = microgram per kilogram
mg/Kg = milligram per kilogram
DUP = Duplicate sample collected from sample location as EX-8.
B = The analyte was found in the laboratory method blank as well as in the sample.
* = Laboratory Control Spike (LCS) or LCS Duplicate exceeds the control limit.
ND (XX) = Not detected at reported concentration
Underlined = value is greater than RSL screening value.
a = Listed as total Xylenes.
b = Listed as Chromium III.
** = As soluble salts
MTCA Method B values are most stringent values taken from CLARC database.
These are not standards, but are provided for comparison purposes for analytes
MTCA = Model Toxics Control Act
CLARC = Cleanup Levels and Risk Calculation
N/A = Not applicable
NE = Not established.

Table 3
Soil Analytical Results
Post-Excavation Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Unrestricted Land Use Cleanup Level	MTCA Method A Industrial Cleanup Level	MTCA Method B Unrestricted Use Value (Direct Contact)	Dup	EX-9	EX-10	EX-11	EX-12	FB	Trip Blank
Laboratory ID No.				580-7457-13	580-7457-9	580-7457-10	580-7457-11	580-7457-12	580-7457-14	580-7457-15
Date Sampled				9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Depth (feet below grade)				2.5-3.0	4.0-4.5	2.5-3.0	0.5-1.0	1.0-1.5	N/A	N/A
Analytical Parameter										
Volatile Organic Compounds (µg/Kg)									(µg/L)	(µg/L)
Dichlorodifluoromethane	NE	NE	16,000,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Chloromethane	NE	NE	77,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Vinyl chloride	NE	NE	670	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Bromomethane	NE	NE	110,000	ND (1.0)*	ND (1.1)*	ND (0.92)*	ND (0.97)*	ND (1.0)*	ND (1.0)*	ND (1.0)*
Chloroethane	NE	NE	350,000	ND (1.0)	ND (1.1)	19	2.4	1.0	ND (1.0)	ND (1.0)
Trichlorofluoromethane	NE	NE	24,000,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	NE	NE	4,000,000	ND (1.0)	ND (1.1)	1.5	2.8	ND (1.0)	ND (1.0)	ND (1.0)
Methylene chloride	20	20	NA	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	NE	NE	1,600,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,1-Dichloroethane	NE	NE	8,000,000	ND (1.0)*	ND (1.1)*	11*	9.3*	4.1*	ND (1.0)	ND (1.0)
2,2-Dichloropropane	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)*	ND (1.0)*
cis-1,2-Dichloroethene	NE	NE	800,000	ND (1.0)	ND (1.1)	11	1.2	ND (1.0)	ND (1.0)	ND (1.0)
Chlorobromomethane	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Chloroform	NE	NE	160,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,1-Trichloroethane	2,000	2,000	NA	ND (1.0)	ND (1.1)	1.2	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Carbon tetrachloride	NE	NE	7,700	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,1-Dichloropropene	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	4.1	ND (1.0)	ND (1.0)
Benzene	30	30	NA	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,2-Dichloroethane	NE	NE	11,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Trichloroethene	30	30	NA	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,2-Dichloropropane	NE	NE	15,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Dibromomethane	NE	NE	800,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Dichlorobromomethane	NE	NE	16,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	NE	NE	5,600	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Toluene	7,000	7,000	NA	ND (1.0)	ND (1.1)	2.9	41	ND (1.0)	ND (1.0)	ND (1.0)
trans-1,3-Dichloropropene	NE	NE	5,600	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	NE	NE	18,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Tetrachloroethene	50	50	NA	ND (1.0)	ND (1.1)	4.4	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,3-Dichloropropane	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Chlorodibromomethane	NE	NE	12,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Ethylene dibromide	5	5	NA	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Chlorobenzene	NE	NE	1,600,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Ethylbenzene	6,000	6,000	NA	ND (1.0)	ND (1.1)	2.7	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	NE	NE	5,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
m-Xylene & p-Xylene	9,000 a	9,000 a	NA	ND (2.1)	ND(2.2)	9.1	ND(1.9)	ND (2.0)	ND (2.0)	ND (2.0)
o-Xylene	9,000 a	9,000 a	NA	ND (1.0)	ND (1.1)	56	1.2	ND (1.0)	ND (1.0)	ND (1.0)
Styrene	NE	NE	33,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Bromoform	NE	NE	130,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Isopropylbenzene	NE	NE	8,000,000	ND (1.0)	ND (1.1)	40	5.0	ND (1.0)	ND (1.0)	ND (1.0)
Bromobenzene	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
n-Propylbenzene	NE	NE	NE	ND (1.0)	ND (1.1)	180	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,2,3-Trichloropropane	NE	NE	140	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)

Table 3
Soil Analytical Results
Post-Excavation Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	Dup	EX-9	EX-10	EX-11	EX-12	FB	Trip Blank
Laboratory ID No.	Method A	Method A	Method B	580-7457-13	580-7457-9	580-7457-10	580-7457-11	580-7457-12	580-7457-14	580-7457-15
Date Sampled	Unrestricted	Industrial	Unrestricted Use	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	2.5-3.0	4.0-4.5	2.5-3.0	0.5-1.0	1.0-1.5	N/A	N/A
Analytical Parameter	Cleanup Level		(Direct Contact)							
2-Chlorotoluene	NE	NE	1,600,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,3,5-Trimethylbenzene	NE	NE	4,000,000	ND (2.1)	ND(2.2)	530	ND(1.9)	ND (2.0)	ND (1.0)	ND (1.0)
4-Chlorotoluene	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
tert-Butylbenzene	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,2,4-Trimethylbenzene	NE	NE	4,000,000	2.9	1.7	1,300	1.3	ND (1.0)	ND (1.0)	ND (1.0)
sec-Butylbenzene	NE	NE	NE	ND (1.0)	ND (1.1)	13	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,3-Dichlorobenzene	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
4-Isopropyltoluene	NE	NE	NE	ND (1.0)	ND (1.1)	10	850	ND (1.0)	ND (1.0)	ND (1.0)
1,4-Dichlorobenzene	NE	NE	42,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
n-Butylbenzene	NE	NE	NE	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
1,2-Dibromo-3-Chloropropane	NE	NE	710	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (2.0)	ND (2.0)
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (2.1)	ND(2.2)	ND(1.8)	ND(1.9)	ND (2.0)	ND (1.0)	ND (1.0)
1,2,3-Trichlorobenzene	NE	NE	NE	ND (2.1)	ND(2.2)	ND(1.8)	ND(1.9)	ND (2.0)	ND (1.0)	ND (1.0)
Hexachlorobutadiene	NE	NE	13,000	ND (1.0)	ND (1.1)	ND (0.92)	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Naphthalene	5,000	5,000	NA	5.5	1.7	1,500	ND (0.97)	ND (1.0)	ND (1.0)	ND (1.0)
Semi-Volatile Organic Compounds (µg/Kg)									(µg/L)	
Phenol	NE	NE	48,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (2.9)	NA
bis(2-Chloroethyl)ether	NE	NE	910	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (120)*	ND (1.9)	NA
2-Chlorophenol	NE	NE	400,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
1,3-Dichlorobenzene	NE	NE	NE	ND (50)	ND (51)	ND (56)	ND (57)	ND (59)	ND (1.9)	NA
1,4-Dichlorobenzene	NE	NE	42,000	ND (50)	ND (51)	ND (56)	ND (57)	ND (59)	ND (1.9)	NA
Benzyl alcohol	NE	NE	24,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (50)	ND (51)	ND (56)	ND (57)	ND (59)	ND (1.9)	NA
2-Methylphenol	NE	NE	4,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
bis(2-Chloroisopropyl)ether	NE	NE	3,200,000	ND (150)	ND (150)	ND (170)	ND (170)	ND (180)	ND (1.9)	NA
3 & 4 Methylphenol	NE	NE	400,000	ND (200)	ND (210)	ND (220)	ND (230)	ND (240)	ND (3.8)	NA
n-Nitroso-di-n-propylamine	NE	NE	140	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
Hexachloroethane	NE	NE	71,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (2.9)	NA
Nitrobenzene	NE	NE	40,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
Isophorone	NE	NE	1,100,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
2-Nitrophenol	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
2,4-Dimethylphenol	NE	NE	1,600,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (9.5)	NA
Benzoic acid	NE	NE	320,000,000	ND (2,500)	ND (2,600)	ND (2,800)	ND (2,800)	ND (3,000)	ND (9.5)	NA
bis(2-Chloroethoxy)methane	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
2,4-Dichlorophenol	NE	NE	240,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (50)	ND (51)	ND (56)	ND (57)	ND (59)	ND (1.9)	NA
Naphthalene	5,000	5,000	NA	ND (20)	84	710	ND (23)	ND (24)	ND (1.9)	NA
4-Chloroaniline	NE	NE	320,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
Hexachlorobutadiene	NE	NE	13,000	ND (50)	ND (51)	ND (56)	ND (57)	ND (59)	ND (2.9)	NA
4-Chloro-3-methylphenol	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
2-Methylnaphthalene	NE	NE	320,000	ND (20)	180	860	ND (23)	ND (24)	ND (0.95)	NA

Table 3
Soil Analytical Results
Post-Excavation Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	Dup	EX-9	EX-10	EX-11	EX-12	FB	Trip Blank
Laboratory ID No.	Method A	Method A	Method B	580-7457-13	580-7457-9	580-7457-10	580-7457-11	580-7457-12	580-7457-14	580-7457-15
Date Sampled	Unrestricted	Industrial	Unrestricted Use	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	2.5-3.0	4.0-4.5	2.5-3.0	0.5-1.0	1.0-1.5	N/A	N/A
Analytical Parameter	Cleanup Level		(Direct Contact)							
Hexachlorocyclopentadiene	NE	NE	480,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (9.5)	NA
2,4,6-Trichlorophenol	NE	NE	91,000	ND (150)	ND (150)	ND (170)	ND (170)	ND (180)	ND (2.9)	NA
2,4,5-Trichlorophenol	NE	NE	8,000,000	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (120)*	ND (1.9)	NA
2-Chloronaphthalene	NE	NE	6,400,000	ND (20)	ND (21)	ND (22)	ND (23)	ND (24)	ND (0.29)	NA
2-Nitroaniline	NE	NE	NE	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (120)*	ND (1.9)	NA
Dimethyl phthalate	NE	NE	80,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
Acenaphthylene	NE	NE	NE	ND (20)	ND (21)	ND (22)	ND (23)	ND (24)	ND (0.38)	NA
2,6-Dinitrotoluene	NE	NE	80,000	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (120)*	ND (1.9)	NA
3-Nitroaniline	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
Acenaphthene	NE	NE	4,800,000	ND (20)	ND (21)	ND (22)	ND (23)	ND (24)	ND (0.48)	NA
2,4-Dinitrophenol	NE	NE	160,000	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,200)	ND (24)	NA
4-Nitrophenol	NE	NE	NE	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,200)	ND (9.5)	NA
Dibenzofuran	NE	NE	160,000	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (120)*	ND (1.9)	NA
2,4-Dinitrotoluene	NE	NE	160,000	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (120)*	ND (1.9)	NA
Diethyl phthalate	NE	NE	64,000,000	380 B	400 B	470 B	480 B	430 B	ND (1.9)	NA
4-Chlorophenyl-phenyl ether	NE	NE	NE	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (120)*	ND (1.9)	NA
Fluorene	NE	NE	3,200,000	ND (20)*	ND (21)*	ND (22)*	ND (23)*	ND (24)*	ND (0.29)	NA
4-Nitroaniline	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (2.9)	NA
4,6-Dinitro-2-methylphenol	NE	NE	NE	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,200)	ND (19)	NA
n-Nitrosodiphenylamine	NE	NE	200,000	ND (50)	ND (51)	ND (56)	ND (57)	ND (59)	ND (1.9)	NA
4-Bromophenyl phenyl ether	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (1.9)	NA
Hexachlorobenzene	NE	NE	630	ND (50)	ND (51)	ND (56)	ND (57)	ND (59)	ND (1.9)	NA
Pentachlorophenol	NE	NE	8,300	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (3.3)	NA
Phenanthrene	NE	NE	NE	ND (20)	ND (21)	ND (22)	ND (23)	ND (24)	ND (0.38)	NA
Anthracene	NE	NE	24,000,000	ND (20)	ND (21)	ND (22)	ND (23)	ND (24)	ND (0.19)	NA
Di-n-butyl phthalate	NE	NE	8,000,000	ND (200)	ND (210)	ND (220)	ND (230)	ND (240)	ND (1.9)	NA
Fluoranthene	NE	NE	3,200,000	ND (20)	ND (21)	ND (22)	ND (23)	ND (24)	ND (0.24)	NA
Pyrene	NE	NE	2,400,000	ND (20)	ND (21)	ND (22)	ND (23)	ND (24)	ND (0.29)	NA
Butyl benzyl phthalate	NE	NE	16,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (120)	ND (2.9)	NA
3,3'-Dichlorobenzidine	NE	NE	2,200	ND (200)	ND (210)	ND (220)	ND (230)	ND (240)	ND (9.5)	NA
Benzo(a)anthracene	NE	NE	NE	ND (25)	ND (26)	ND (28)	ND (28)	ND (30)	ND (0.29)	NA
Chrysene	NE	NE	NE	ND (25)	ND (26)	ND (28)	ND (28)	ND (30)	ND (0.19)	NA
bis(2-Ethylhexyl)phthalate	NE	NE	71,000 / 2,000	ND (1,500)	ND (1,500)	ND (1,700)	ND (1,700)	ND (1,800)	ND (14)	NA
Di-n-octyl phthalate	NE	NE	1,600,000	ND (200)	ND (210)	ND (220)	ND (230)	ND (240)	ND (1.9)	NA
Benzo(a)pyrene	100	2,000	NA	ND (30)	ND (31)	ND (33)	ND (34)	ND (36)	ND (0.19)	NA
Indeno(1,2,3-cd)pyrene	NE	NE	NE	ND (40)	ND (41)	ND (45)	ND (45)	ND (48)	ND (0.29)	NA
Dibenz(a,h)anthracene	NE	NE	NE	ND (40)	ND (41)	ND (45)	ND (45)	ND (48)	ND (0.29)	NA
Benzo(g,h,i)perylene	NE	NE	NE	ND (25)	ND (26)	ND (28)	ND (28)	ND (30)	ND (0.29)	NA
Carbazole	NE	NE	50,000	ND (150)	ND (150)	ND (170)	ND (170)	ND (180)	ND (1.9)	NA
1-Methyl naphthalene	NE	NE	24,000	ND (30)	89	560	ND (34)	ND (36)	ND (0.29)	NA
Benzo(b)fluoranthene	NE	NE	NE	ND (20)	ND (21)	ND (22)	ND (23)	ND (24)	ND (0.38)	NA
Benzo(k)fluoranthene	NE	NE	NE	ND (25)	ND (26)	ND (28)	ND (28)	ND (30)	ND (0.29)	NA

Table 3
Soil Analytical Results
Post-Excavation Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

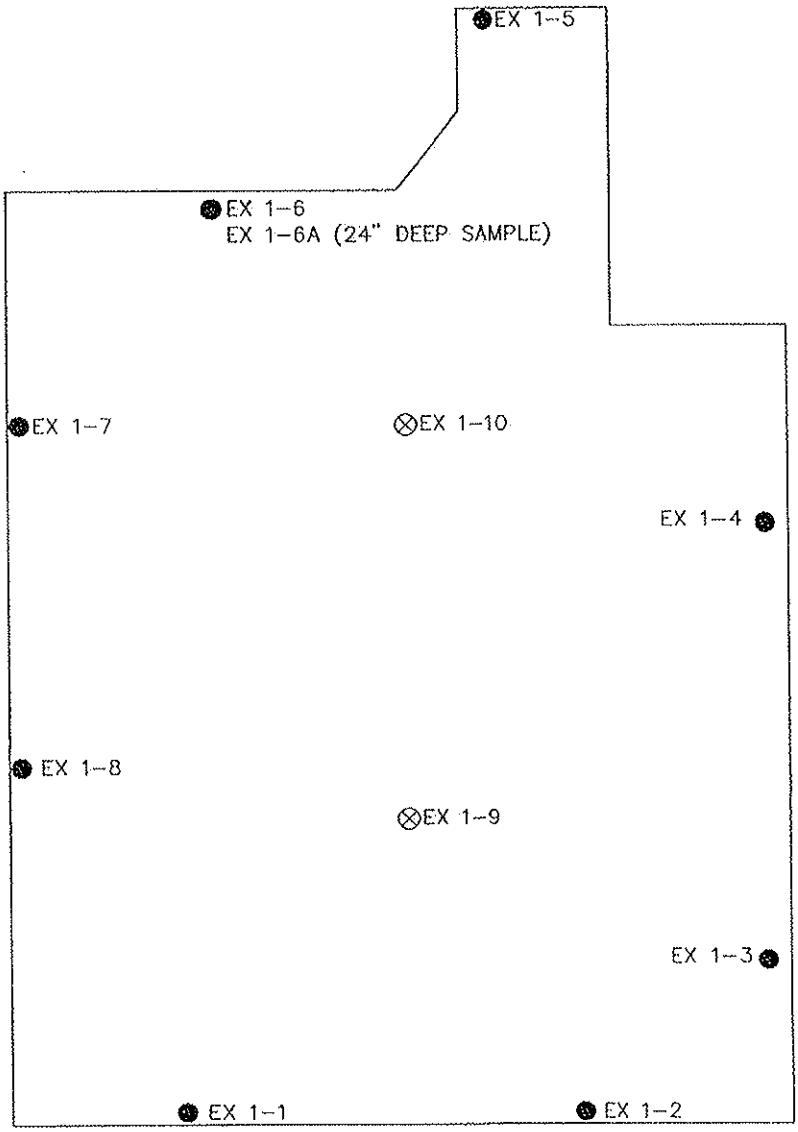
Sample ID	MTCA Method A Unrestricted Land Use Cleanup Level	MTCA Method A Industrial Cleanup Level	MTCA Method B Unrestricted Use Value (Direct Contact)	Dup	EX-9	EX-10	EX-11	EX-12	FB	Trip Blank
Laboratory ID No.				580-7457-13	580-7457-9	580-7457-10	580-7457-11	580-7457-12	580-7457-14	580-7457-15
Date Sampled				9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Depth (feet below grade)				2.5-3.0	4.0-4.5	2.5-3.0	0.5-1.0	1.0-1.5	N/A	N/A
Analytical Parameter										
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									mg/L	
NWTPH-Gx (gasoline)	100	100	NE	ND (4.3)	4.5	62	6.3	ND (4.4)	ND (0.050)	NA
NWTPH-Dx									mg/L	
Motor Oil (>C24-C36)	2,000	2,000	NE	ND (49)	ND (50)	510	ND (57)	ND (59)	ND (0.24)	NA
#2 Diesel (C10-C24)	2,000	2,000	NE	ND (24)	ND (25)	250	ND (28)	ND (29)	ND (0.12)	NA
Priority Pollutant Metals (mg/Kg)									mg/L	
Arsenic	20	20	NA	ND (3.0)	ND (3.0)	ND (3.1)	ND (3.3)	ND (3.4)	ND (0.060)	NA
Antimony	NE	NE	32	ND (3.0)	ND (3.0)	ND (3.1)	ND (3.3)	ND (3.4)	ND (0.060)	NA
Beryllium	NE	NE	160	ND (0.25)	ND (0.25)	ND (0.26)	ND (0.28)	ND (0.29)	ND (0.0050)	NA
Cadmium	2	2	NA	ND (0.50)	ND (0.50)	ND (0.52)	ND (0.55)	ND (0.57)	ND (0.010)	NA
Chromium	2,000 b	2,000 b	NA	21	19	25	25	22	ND (0.025)	NA
Copper	NE	NE	3,000	24	22	20	21	28	ND (0.020)	NA
Lead	250	1,000	NA	6.4	2.5	4.7	4.3	3.0	ND (0.030)	NA
Nickel **	NE	NE	1,600	29	25	29	29	26	ND (0.020)	NA
Selenium	NE	NE	400	ND (5.0)	ND (5.0)	ND (5.2)	ND (5.5)	ND (5.7)	ND (0.10)	NA
Silver	NE	NE	400	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.1)	ND (1.1)	ND (0.020)	NA
Thallium **	NE	NE	5.6	ND (5.0)	ND (5.0)	ND (5.2)	ND (5.5)	ND (5.7)	ND (0.10)	NA
Zinc	NE	NE	24,000	32	34	34	36	38	ND (0.040)	NA
Hexavalent Chromium	19	19	NA	ND (0.26)	ND (0.26)	ND (0.30)	ND (0.29)	ND (0.30)	ND (0.025)	NA
Mercury**	2	2	NA	0.024	0.036	0.029	0.028	0.042	ND (0.00020)	NA

µg/Kg = microgram per kilogram
mg/Kg = milligram per kilogram
DUP = Duplicate sample collected from sample location as EX-8.
B = The analyte was found in the laboratory method blank as well as in the sample
* = Laboratory Control Spike (LCS) or LCS Duplicate exceeds the control limit.
ND (XX) = Not detected at reported concentration
Underlined = value is greater than RSL screening value.
a = Listed as total Xylenes.
b = Listed as Chromium III.
** = As soluble salts
MTCA Method B values are most stringent values taken from CLARC database.
These are not standards, but are provided for comparison purposes for analytes
MTCA = Model Toxics Control Act
CLARC = Cleanup Levels and Risk Calculation
N/A = Not applicable
NE = Not established.

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 11

Figures and Data Summary Table, Interior Subfloor Area Investigation,
ENVISION's 2009 Environmental Assessment Report,
Railroad Siding Excavation and Interior Subfloor Area Investigation



LEGEND

- ● SIDEWALL SOIL SAMPLE
- ⊗ SURFACE SOIL SAMPLE

NOTE: CONCRETE – 8" TO 10" THICK
EXCEPT AT THE WEST END, 4" THICK

N

APPROXIMATE SCALE

4 2 0 4

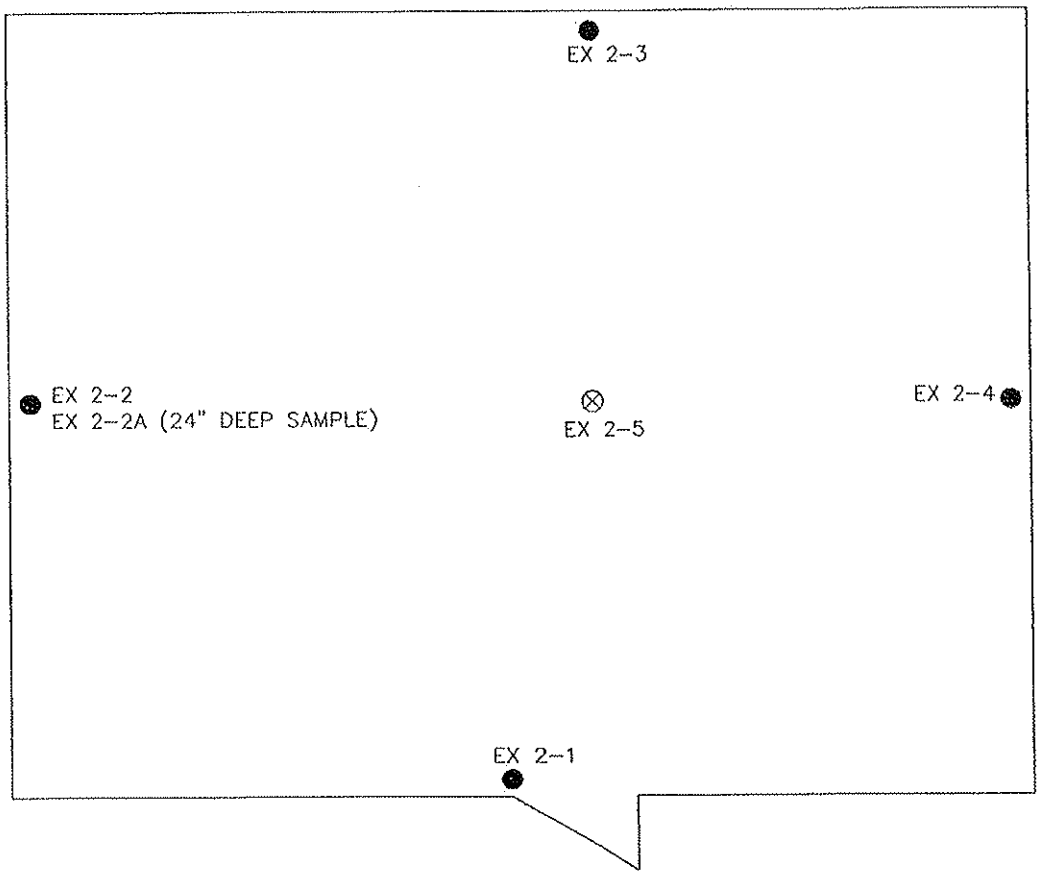
(IN FEET)

Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1885 Fax: 609-208-1889

REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
SOIL SAMPLE LOCATION MAP
FLOOR REPAIR – WESTERN AREA

Revisions:

Project No. 302.REX
Date: 04/29/08
Scale: As Shown
Drawing No. FIGURE 4



LEGEND

● SIDEWALL SOIL SAMPLE

⊗ SURFACE SOIL SAMPLE

NOTE: CONCRETE – 8" THICK

N

APPROXIMATE SCALE

2 1 0 2

(IN FEET)

Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1885 Fax: 609-208-1889

REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
SOIL SAMPLE LOCATION MAP
FLOOR REPAIR – EASTERN AREA

Revisions:

Project No. 302.REX
Date: 04/29/08
Scale: As Shown
Drawing No. FIGURE 5

Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Unrestricted Land Use Cleanup Level	MTCA Method A Industrial Cleanup Level	MTCA Method B Unrestricted Use Value (Direct Contact)	EX 1-1	EX 1-2	EX 1-3	EX 1-4	EX 1-5	EX 1-6	Dup	EX 1-6A	EX 1-7
Laboratory ID No.				580-7817-1	580-7817-2	580-7817-3	580-7817-4	580-7817-5	580-7817-6	580-7817-8	580-7817-18	580-7817-7
Date Sampled				10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/17/2007
Depth (feet below grade)				0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5
Analytical Parameter												
Volatile Organic Compounds (ug/Kg)												
Dichlorodifluoromethane	NE	NE	16,000,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Chloromethane	NE	NE	77,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Vinyl chloride	NE	NE	670	ND (14)	ND (0.91)	ND (0.94)	ND (14)	ND (14)	ND (14)	ND (13)	ND (0.88)	ND (16)
Bromomethane	NE	NE	110,000	ND (170)	ND (0.91)	ND (0.94)	ND (170)	ND (180)	ND (170)	ND (170)	ND (0.88)	ND (200)
Chloroethane	NE	NE	350,000	ND (170)*	ND (0.91)	ND (0.94)	ND (170)*	ND (180)*	ND (170)*	ND (170)*	ND (0.88)	ND (200)*
Trichlorofluoromethane	NE	NE	24,000,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,1-Dichloroethene	NE	NE	4,000,000	ND (14)	ND (0.91)	ND (0.94)	ND (14)	ND (14)	ND (14)	ND (13)	ND (0.88)	ND (16)
Methylene chloride	20	20	NA	ND (34)	3.2	1.1 B	ND (34)	ND (36)	ND (35)	ND (34)	1.7	ND (39)
trans-1,2-Dichloroethene	NE	NE	1,600,000	ND (34)	ND (0.91)*	ND (0.94)*	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)*	ND (39)
1,1-Dichloroethane	NE	NE	8,000,000	100	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
2,2-Dichloropropane	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
cis-1,2-Dichloroethene	NE	NE	800,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Chlorobromomethane	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Chloroform	NE	NE	160,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,1,1-Trichloroethane	2,000	2,000	NA	420	ND (0.91)	ND (0.94)	ND (14)	ND (14)	ND (14)	ND (13)	ND (0.88)	ND (16)
Carbon tetrachloride	NE	NE	7,700	ND (14)	ND (0.91)	ND (0.94)	ND (14)	ND (14)	ND (14)	ND (13)	ND (0.88)	ND (16)
1,1-Dichloropropene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Benzene	30	30	NA	ND (6.8)	ND (0.91)	ND (0.94)	ND (6.9)	ND (7.2)	ND (7.0)	ND (6.7)	ND (0.88)	ND (7.9)
1,2-Dichloroethane	NE	NE	11,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Trichloroethene	30	30	NA	ND (14)	ND (0.91)	ND (0.94)	ND (14)	ND (14)	ND (14)	ND (13)	ND (0.88)	ND (16)
1,2-Dichloropropane	NE	NE	15,000	ND (6.8)	ND (0.91)	ND (0.94)	ND (6.9)	ND (7.2)	ND (7.0)	ND (6.7)	ND (0.88)	ND (7.9)
Dibromomethane	NE	NE	800,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Dichlorobromomethane	NE	NE	16,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
cis-1,3-Dichloropropene	NE	NE	5,600	ND (34)	ND (0.91)	ND (0.94)*	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Toluene	7,000	7,000	NA	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
trans-1,3-Dichloropropene	NE	NE	5,600	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,1,2-Trichloroethane	NE	NE	18,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Tetrachloroethene	50	50	NA	28	ND (0.91)	ND (0.94)	ND (22)	ND (23)	ND (22)	ND (21)	ND (0.88)	ND (25)
1,3-Dichloropropane	NE	NE	NE	ND (14)	ND (0.91)	ND (0.94)	ND (14)	ND (14)	ND (14)	ND (13)	ND (0.88)	ND (16)
Chlorodibromomethane	NE	NE	12,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Ethylene dibromide	5	5	NA	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Chlorobenzene	NE	NE	1,600,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Ethylbenzene	6,000	6,000	NA	ND (34)	ND (0.91)	1.2	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,1,2,2-Tetrachloroethane	NE	NE	5,000	ND(6.8)	ND (0.91)	ND (0.94)	ND (6.9)	ND (7.2)	ND (7.0)	ND (6.7)	ND (0.88)	ND (7.9)
m-Xylene & p-Xylene	9,000 a	9,000 a	NA	ND (34)	ND(1.8)	ND (1.9)	ND (34)	120	79	120	ND(1.8)	140
o-Xylene	9,000 a	9,000 a	NA	ND (34)	ND (0.91)	ND (0.94)	ND (34)	130	ND (35)	42	ND (0.88)	41
Styrene	NE	NE	33,000	ND (34)	ND (0.91)	1.0	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Bromoform	NE	NE	130,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Isopropylbenzene	NE	NE	8,000,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	82	ND (35)	ND (34)	ND (0.88)	ND (39)
Bromobenzene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
n-Propylbenzene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	150	ND (35)	ND (34)	ND (0.88)	ND (39)
1,2,3-Trichloropropane	NE	NE	140	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)

Table 4
Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX 1-1	EX 1-2	EX 1-3	EX 1-4	EX 1-5	EX 1-6	Dup	EX 1-6A	EX 1-7
Laboratory ID No.	Method A	Method A	Method B	580-7817-1	580-7817-2	580-7817-3	580-7817-4	580-7817-5	580-7817-6	580-7817-8	580-7817-18	580-7817-7
Date Sampled	Unrestricted	Industrial	Unrestricted Use	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/17/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5
Analytical Parameter	Cleanup Level		(Direct Contact)									
2-Chlorotoluene	NE	NE	1,600,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,3,5-Trimethylbenzene	NE	NE	4,000,000	ND (34)	ND (1.8)	ND (1.9)	ND (34)	760	ND (35)	ND (34)	ND(1.8)	ND (39)
4-Chlorotoluene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
tert-Butylbenzene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,2,4-Trimethylbenzene	NE	NE	4,000,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	1,600	47	44	ND (0.88)	44
sec-Butylbenzene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,3-Dichlorobenzene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
4-Isopropyltoluene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	37	76	54	ND (0.88)	40
1,4-Dichlorobenzene	NE	NE	42,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
n-Butylbenzene	NE	NE	NE	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,2-Dibromo-3-Chloropropane	NE	NE	710	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (34)	ND(1.8)	ND (1.9)	ND (34)	ND (36)	ND (35)	ND (34)	ND (1.8)	ND (39)
1,2,3-Trichlorobenzene	NE	NE	NE	ND (34)	ND(1.8)	ND (1.9)	ND (34)	ND (36)	ND (35)	ND (34)	ND (1.8)	ND (39)
Hexachlorobutadiene	NE	NE	13,000	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Naphthalene	5,000	5,000	NA	ND (34)	ND (0.91)	ND (0.94)	ND (34)	ND (36)	ND (35)	ND (34)	ND (0.88)	ND (39)
Semi-Volatile Organic Compounds (µg/Kg)												
Phenol	NE	NE	48,000,000	220	ND (100)	ND (110)	ND (110)	150	600	640	140	660
bis(2-Chloroethyl)ether	NE	NE	910	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
2-Chlorophenol	NE	NE	400,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
1,3-Dichlorobenzene	NE	NE	NE	ND (51)	ND (52)	ND (53)	ND (55)	ND (54)	ND (51)	ND (52)	ND (55)	ND (55)
1,4-Dichlorobenzene	NE	NE	42,000	ND (51)	ND (52)	ND (53)	ND (55)	ND (54)	ND (51)	ND (52)	ND (55)	ND (55)
Benzyl alcohol	NE	NE	24,000,000	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (110)*	18,000*	ND (100)*	ND (110)*	ND (110)*
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (51)	ND (52)	ND (53)	ND (55)	ND (54)	ND (51)	ND (52)	ND (55)	ND (55)
2-Methylphenol	NE	NE	4,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
bis(2-Chloroisopropyl)ether	NE	NE	3,200,000	ND (150)*	ND (160)*	ND (160)*	ND (160)*	ND (160)*	ND (150)*	ND (160)*	ND (170)*	ND (160)*
3 & 4 Methylphenol	NE	NE	400,000	6,700	ND (210)	ND (210)	720	1,300	7,800	8,100	2 500	12,000
n-Nitroso-di-n-propylamine	NE	NE	140	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (110)*	ND (110)*
Hexachloroethane	NE	NE	71,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Nitrobenzene	NE	NE	40,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Isophorone	NE	NE	1,100,000	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (110)*	ND (110)*
2-Nitrophenol	NE	NE	NE	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (110)*	ND (110)*
2,4-Dimethylphenol	NE	NE	1,600,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Benzoic acid	NE	NE	320,000,000	ND (2,500)	ND (2,600)	ND (2,600)	ND (2,700)	ND (2,700)	ND (2,500)	ND (2,600)	ND (2,800)	ND (2,700)
bis(2-Chloroethoxy)methane	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
2,4-Dichlorophenol	NE	NE	240,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (51)	ND (52)	ND (53)	ND (55)	ND (54)	ND (51)	ND (52)	ND (55)	ND (55)
Naphthalene	5,000	5,000	NA	ND (20)	ND (21)	ND (21)	ND (22)	37	38	ND (21)	ND (22)	48
4-Chloroaniline	NE	NE	320,000	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (110)*	ND (110)*
Hexachlorobutadiene	NE	NE	13,000	ND (51)	ND (52)	ND (53)	ND (55)	ND (54)	ND (51)	ND (52)	ND (55)	ND (55)
4-Chloro-3-methylphenol	NE	NE	NE	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (110)*	ND (110)*
2-Methylnaphthalene	NE	NE	320,000	22	ND (21)	ND (21)	33	60	64	ND (21)	27	82
Hexachlorocyclopentadiene	NE	NE	480,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
2,4,6-Trichlorophenol	NE	NE	91,000	ND (150)	ND (160)	ND (160)	ND (160)	ND (160)	ND (150)	ND (160)	ND (170)	ND (160)

Table 4
Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX 1-1	EX 1-2	EX 1-3	EX 1-4	EX 1-5	EX 1-6	Dup	EX 1-6A	EX 1-7
Laboratory ID No.	Method A	Method A	Method B	580-7817-1	580-7817-2	580-7817-3	580-7817-4	580-7817-5	580-7817-6	580-7817-8	580-7817-18	580-7817-7
Date Sampled	Unrestricted	Industrial	Unrestricted Use	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/17/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5
Analytical Parameter	Cleanup Level		(Direct Contact)									
2,4,5-Trichlorophenol	NE	NE	8,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
2-Chloronaphthalene	NE	NE	6,400,000	ND (20)	ND (21)	ND (21)	ND (22)	ND (22)	ND (20)	ND (21)	ND (22)	ND (22)
2-Nitroaniline	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Dimethyl phthalate	NE	NE	80,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Acenaphthylene	NE	NE	NE	ND (20)	ND (21)	ND (21)	ND (22)	ND (22)	ND (20)	ND (21)	ND (22)	ND (22)
2,6-Dinitrotoluene	NE	NE	80,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
3-Nitroaniline	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Acenaphthene	NE	NE	4,800,000	ND (20)	ND (21)	ND (21)	ND (22)	ND (22)	ND (20)	ND (21)	ND (22)	ND (22)
2,4-Dinitrophenol	NE	NE	160,000	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)
4-Nitrophenol	NE	NE	NE	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)
Dibenzofuran	NE	NE	160,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
2,4-Dinitrotoluene	NE	NE	160,000	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (110)*	ND (110)*
Diethyl phthalate	NE	NE	64,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
4-Chlorophenyl-phenyl ether	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Fluorene	NE	NE	3,200,000	ND (20)	ND (21)	ND (21)	ND (22)	ND (22)	ND (20)	ND (21)	ND (22)	ND (22)
4-Nitroaniline	NE	NE	NE	ND (100)*	ND (100)*	ND (110)*	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (110)*	ND (110)*
4,6-Dinitro-2-methylphenol	NE	NE	NE	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,100)
n-Nitrosodiphenylamine	NE	NE	200,000	190*	ND (52)*	60*	1,900*	1,700*	22,000*	16,000*	190*	13,000*
4-Bromophenyl phenyl ether	NE	NE	NE	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Hexachlorobenzene	NE	NE	630	ND (51)	ND (52)	ND (53)	ND (55)	ND (54)	ND (51)	ND (52)	ND (55)	ND (55)
Pentachlorophenol	NE	NE	8,300	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (100)	ND (100)	ND (110)	ND (110)
Phenanthrene	NE	NE	NE	ND (20)	ND (21)	ND (21)	ND (22)	ND (22)	ND (20)	ND (21)	ND (22)	ND (22)
Anthracene	NE	NE	24,000,000	ND (20)	ND (21)	ND (21)	ND (22)	ND (22)	ND (20)	ND (21)	ND (22)	ND (22)
Di-n-butyl phthalate	NE	NE	8,000,000	ND (200)	ND (210)	ND (210)	ND (220)	ND (220)	ND (200)	ND (210)	ND (220)	ND (220)
Fluoranthene	NE	NE	3,200,000	ND (20)*	ND (21)*	ND (21)*	ND (22)*	ND (22)*	ND (20)*	ND (21)*	ND (22)*	ND (22)*
Pyrene	NE	NE	2,400,000	ND (20)	ND (21)	ND (21)	ND (22)	ND (22)	ND (20)	ND (21)	ND (22)	ND (22)
Butyl benzyl phthalate	NE	NE	16,000,000	ND (100)	ND (100)	ND (110)	ND (110)	ND (110)	ND (1,000)	ND (1,000)	ND (110)	ND (1,100)
3,3'-Dichlorobenzidine	NE	NE	2,200	ND (200)	ND (210)	ND (210)	ND (220)	ND (220)	ND (2,000)	ND (2,100)	ND (220)	ND (2,200)
Benzo(a)anthracene	NE	NE	NE	ND (25)	ND (26)	ND (26)	ND (27)	ND (27)	ND (250)	ND (260)	ND (28)	ND (270)
Chrysene	NE	NE	NE	ND (25)	ND (26)	ND (26)	ND (27)	ND (27)	ND (250)	ND (260)	ND (28)	ND (270)
bis(2-Ethylhexyl)phthalate	NE	NE	71,000	ND (1,500)	ND (1,600)	ND (1,600)	ND (1,500)	ND (1,600)	ND (15,000)	ND (16,000)	ND (1,700)	ND (16,000)
Di-n-octyl phthalate	NE	NE	1,600,000	ND (200)	ND (210)	ND (210)	ND (220)	ND (220)	ND (2,000)	ND (210)	ND (220)	ND (2,200)
Benzo(a)pyrene	100	2,000	NA	ND (30)	ND (31)	ND (32)	ND (33)	ND (33)	ND (300)	ND (31)	ND (33)	ND (330)
Indeno(1,2,3-cd)pyrene	NE	NE	NE	ND (41)	ND (42)	ND (42)	ND (44)	ND (43)	ND (400)	ND (42)	ND (44)	ND (440)
Dibenz(a,h)anthracene	NE	NE	NE	ND (41)	ND (42)	ND (42)	ND (44)	ND (43)	ND (400)	ND (42)	ND (44)	ND (440)
Benzo(g,h,i)perylene	NE	NE	NE	ND (25)	ND (26)	ND (26)	ND (27)	ND (27)	ND (250)	ND (26)	ND (28)	ND (270)
Carbazole	NE	NE	50,000	ND (150)*	ND (160)*	ND (160)*	ND (160)*	ND (160)*	ND (150)*	ND (160)*	ND (170)*	ND (160)*
1-Methyl naphthalene	NE	NE	24,000	ND (30)	ND (31)	ND (32)	ND (33)	40	41	ND (31)	ND (33)	49
Benzo(b)fluoranthene	NE	NE	NE	ND (20)	ND (21)	ND (21)	ND (22)	ND (22)	ND (200)	ND (21)	ND (22)	ND (220)
Benzo(k)fluoranthene	NE	NE	NE	ND (25)	ND (26)	ND (26)	ND (27)	ND (27)	ND (250)	ND (26)	ND (28)	ND (270)

Table 4
Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX 1-1	EX 1-2	EX 1-3	EX 1-4	EX 1-5	EX 1-6	Dup.	EX 1-6A	EX 1-7
Laboratory ID No.	Method A	Method A	Method B	580-7817-1	580-7817-2	580-7817-3	580-7817-4	580-7817-5	580-7817-6	580-7817-8	580-7817-18	580-7817-7
Date Sampled	Unrestricted	Industrial	Unrestricted Use	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/17/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5
Analytical Parameter	Cleanup Level		(Direct Contact)									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)												
NWTPH-Gx (gasoline)	100	100	NE	5.0	ND (3.5)	ND (3.6)	8.7	49	32	25	ND (3.6)	14
NWTPH-Dx												
Motor Oil (>C24-C36)	2,000	2,000	NE	3,400	840	1,700	27,000	34,000	84,000	99,000	2,600	71,000
#2 Diesel (C10-C24)	2,000	2,000	NE	570	270	290	3,700	6,100	10,000	13,000	450	10,000
Priority Pollutant Metals (mg/Kg)												
Arsenic	20	20	NA	ND (3.1)	2.9	4.4	6.8	ND (2.8)	5.8	8.2	3.1	3.2
Antimony	NE	NE	32	ND (3.1)	ND (2.7)	ND (3.3)	ND (3.3)	ND (2.8)	ND (2.5)	2.9	ND (3.0)	ND (2.9)
Beryllium	NE	NE	160	ND (0.26)	ND (0.23)	ND (0.28)	ND (0.27)	ND (0.23)	ND (0.21)	ND (0.21)	ND (0.25)	ND (0.24)
Cadmium	2	2	NA	ND (0.52)	ND (0.46)	ND (0.55)	ND (0.54)	ND (0.46)	0.66	0.69	ND (0.50)	ND (0.49)
Chromium	2,000 b	2,000 b	NA	22	30	39	25	25	24	32	25	20
Copper	NE	NE	3,000	24	22	26	27	17	56	58	20	27
Lead	250	1,000	NA	3.7	3.1	5.8	5.2	3.4	7.8	6.3	4.7	4.9
Nickel **	NE	NE	1,600	21	25	29	25	29	23	28	30	26
Selenium	NE	NE	400	ND (5.2)	ND (4.6)	ND (5.5)	ND (5.4)	ND (4.6)	ND (4.2)	ND (4.3)	ND (5.0)	ND (4.9)
Silver	NE	NE	400	ND (1.0)	ND (0.91)	ND (1.1)	ND (1.1)	ND (0.92)	ND (0.85)	ND (0.86)	ND (0.99)	ND (0.98)
Thallium **	NE	NE	5.6	ND (5.2)	ND (4.6)	ND (5.5)	ND (5.4)	ND (4.6)	ND (4.2)	ND (4.3)	ND (5.0)	ND (4.9)
Zinc	NE	NE	24,000	46	51	160	64	41	480	510	32	70
Hexavalent Chromium	19	19	NA	ND (0.27)	ND (0.28)	ND (0.29)	ND (0.29)	ND (0.27)	ND (0.27)	ND (0.28)	ND (0.26)	ND (0.30)
Mercury	2	2	NA	0.021	0.028	0.054	0.024	0.016	ND (0.021)	ND (0.018)	0.022	ND (0.018)

µg/Kg = microgram per kilogram
mg/Kg = milligram per kilogram
DUP = Duplicate sample collected from sample location as EX-8.
B = The analyte was found in the laboratory method blank as well as in the sample.
* = Laboratory Control Spike (LCS) or LCS Duplicate exceeds the control limit.
ND (XX) = Not detected at reported concentration
a = Listed as total Xylenes.
b = Listed as Chromium III.
** = As soluble salts
MTCA Method B values are most stringent values taken from CLARC database.
MTCA = Model Toxics Control Act
CLARC = Cleanup Levels and Risk Calculation
N/A = Not applicable
NE = Not established.

Table 4
Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX 1-8	EX 1-9	EX 1-10	EX 2-1	EX 2-2	Dup 2	EX 2-2A	EX 2-3	EX 2-4
Laboratory ID No.	Method A	Method A	Method B	580-7817-9	580-7817-10	580-7817-11	580-7817-12	580-7817-13	580-7817-15	580-7817-19	580-7817-14	580-7817-16
Date Sampled	Unrestricted	Industrial	Unrestricted Use	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/17/2007	10/17/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5
Analytical Parameter	Cleanup Level		(Direct Contact)									
Volatile Organic Compounds (µg/Kg)												
Dichlorodifluoromethane	NE	NE	16,000,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Chloromethane	NE	NE	77,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Vinyl chloride	NE	NE	670	ND (16)	ND (14)	ND (14)	ND (14)	ND (14)	ND (14)	ND (0.88)	ND (15)	ND (0.89)
Bromomethane	NE	NE	110,000	ND (200)	ND (170)	ND (170)	ND (180)	ND (180)	ND (180)	ND (0.88)	ND (190)	ND (0.89)*
Chloroethane	NE	NE	350,000	ND (200)*	ND (170)*	ND (170)*	ND (180)*	ND (180)*	ND (180)*	ND (0.88)	ND (190)*	ND (0.89)
Trichlorofluoromethane	NE	NE	24,000,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,1-Dichloroethene	NE	NE	4,000,000	ND (16)	ND (14)	ND (14)	ND (14)	ND (14)	ND (14)	ND (0.88)	ND (15)	ND (0.89)
Methylene chloride	20	20	NA	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	0.97 B
trans-1,2-Dichloroethene	NE	NE	1,600,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)*	ND (39)	ND (0.89)*
1,1-Dichloroethane	NE	NE	8,000,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
2,2-Dichloropropane	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
cis-1,2-Dichloroethene	NE	NE	800,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Chlorobromomethane	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Chloroform	NE	NE	160,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,1,1-Trichloroethane	2,000	2,000	NA	ND (16)	ND (14)	ND (14)	ND (14)	ND (14)	ND (14)	ND (0.88)	ND (15)	ND (0.89)
Carbon tetrachloride	NE	NE	7,700	ND (16)	ND (14)	ND (14)	ND (14)	ND (14)	ND (14)	ND (0.88)	ND (15)	ND (0.89)
1,1-Dichloropropene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Benzene	30	30	NA	ND (7.9)	ND (7.0)	ND (6.9)	ND (7.1)	ND (7.0)	ND (7.1)	ND (0.88)	ND (7.7)	ND (0.89)
1,2-Dichloroethane	NE	NE	11,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Trichloroethene	30	30	NA	ND (16)	ND (14)	ND (14)	ND (14)	ND (14)	ND (14)	ND (0.88)	ND (15)	ND (0.89)
1,2-Dichloropropane	NE	NE	15,000	ND (7.9)	ND (7.0)	ND (6.9)	ND (7.1)	ND (7.0)	ND (7.1)	ND (0.88)	ND (7.7)	ND (0.89)
Dibromomethane	NE	NE	800,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Dichlorobromomethane	NE	NE	16,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
cis-1,3-Dichloropropene	NE	NE	5,600	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)*	ND (39)	ND (0.89)*
Toluene	7,000	7,000	NA	ND (40)	ND (35)	ND (34)	83	50	47	ND (0.88)	52	ND (0.89)
trans-1,3-Dichloropropene	NE	NE	5,600	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,1,2-Trichloroethane	NE	NE	18,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Tetrachloroethene	50	50	NA	ND (25)	ND (22)	ND (21)	ND (21)	ND (22)	ND (22)	ND (0.88)	ND (24)	ND (0.89)
1,3-Dichloropropane	NE	NE	NE	ND (16)	ND (14)	ND (14)	ND (14)	ND (14)	ND (14)	ND (0.88)	ND (15)	ND (0.89)
Chlorodibromomethane	NE	NE	12,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Ethylene dibromide	5	5	NA	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Chlorobenzene	NE	NE	1,600,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Ethylbenzene	6,000	6,000	NA	150	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,1,2,2-Tetrachloroethane	NE	NE	5,000	ND (7.9)	ND (7.0)	ND (6.9)	ND (7.1)	ND (7.0)	ND (7.1)	ND (0.88)	ND (7.7)	ND (0.89)
m-Xylene & p-Xylene	9,000 a	9,000 a	NA	720	ND (35)	69	73	120	120	ND(1.8)	91	ND(1.8)
o-Xylene	9,000 a	9,000 a	NA	200	ND (35)	ND (34)	ND (36)	61	52	ND (0.88)	ND (39)	ND (0.89)
Styrene	NE	NE	33,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Bromoform	NE	NE	130,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Isopropylbenzene	NE	NE	8,000,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Bromobenzene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
n-Propylbenzene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,2,3-Trichloropropane	NE	NE	140	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)

Table 4
Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Unrestricted Land Use Cleanup Level	MTCA Method A Industrial Cleanup Level	MTCA Method B Unrestricted Use Value (Direct Contact)	EX 1-8	EX 1-9	EX 1-10	EX 2-1	EX 2-2	Dup 2	EX 2-2A	EX 2-3	EX 2-4
Laboratory ID No.				580-7817-9	580-7817-10	580-7817-11	580-7817-12	580-7817-13	580-7817-15	580-7817-19	580-7817-14	580-7817-16
Date Sampled				10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/17/2007	10/17/2007
Depth (feet below grade)				0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5
Analytical Parameter												
2-Chlorotoluene	NE	NE	1,600,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,3,5-Trimethylbenzene	NE	NE	4,000,000	ND (40)	ND (35)	ND (34)	ND (36)	59	53	ND(1.8)	ND (39)	ND(1.8)
4-Chlorotoluene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
tert-Butylbenzene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,2,4-Trimethylbenzene	NE	NE	4,000,000	ND (40)	ND (35)	ND (34)	57	140	130	ND (0.88)	89	ND (0.89)
sec-Butylbenzene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,3-Dichlorobenzene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
4-Isopropyltoluene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	51	45	ND (0.88)	ND (39)	ND (0.89)
1,4-Dichlorobenzene	NE	NE	42,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
n-Butylbenzene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	110	ND (0.88)	ND (39)	ND (0.89)
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,2-Dibromo-3-Chloropropane	NE	NE	710	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (1.8)	ND (39)	ND (1.8)
1,2,3-Trichlorobenzene	NE	NE	NE	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (1.8)	ND (39)	ND (1.8)
Hexachlorobutadiene	NE	NE	13,000	ND (40)	ND (35)	ND (34)	ND (36)	ND (35)	ND (35)	ND (0.88)	ND (39)	ND (0.89)
Naphthalene	5,000	5,000	NA	46	ND (35)	ND (34)	43	54	45	ND (0.88)	52	ND (0.89)
Semi-Volatile Organic Compounds (µg/Kg)												
Phenol	NE	NE	48,000,000	390	ND (110)	170	120	ND (100)	ND (100)	ND (110)	180	ND (100)
bis(2-Chloroethyl)ether	NE	NE	910	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
2-Chlorophenol	NE	NE	400,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
1,3-Dichlorobenzene	NE	NE	NE	ND (57)	ND (55)	ND (52)	ND (52)	ND (50)	ND (51)	ND (53)	ND (52)	ND (52)
1,4-Dichlorobenzene	NE	NE	42,000	ND (57)	ND (55)	ND (52)	ND (52)	ND (50)	ND (51)	ND (53)	ND (52)	ND (52)
Benzyl alcohol	NE	NE	24,000,000	2,500*	ND (110)*	2,000*	10,000*	450*	300*	ND (110)*	710*	ND (100)*
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (55)	ND (55)	ND (52)	ND (52)	ND (50)	ND (51)	ND (53)	ND (52)	ND (52)
2-Methylphenol	NE	NE	4,000,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
bis(2-Chloroisopropyl)ether	NE	NE	3,200,000	ND (170)*	ND (160)*	ND (160)*	ND (150)*	ND (150)*	ND (150)*	ND (160)*	ND (160)*	ND (160)*
3 & 4 Methylphenol	NE	NE	400,000	5,000	860	2,400	1,900	950	660	ND (210)	1,900	ND (210)
n-Nitroso-di-n-propylamine	NE	NE	140	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (100)*	ND (100)*	ND (110)*	ND (100)*	ND (100)*
Hexachloroethane	NE	NE	71,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Nitrobenzene	NE	NE	40,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Isophorone	NE	NE	1,100,000	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (100)*	ND (100)*	ND (110)*	ND (100)*	ND (100)*
2-Nitrophenol	NE	NE	NE	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (100)*	ND (100)*	ND (110)*	ND (100)*	ND (100)*
2,4-Dimethylphenol	NE	NE	1,600,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Benzoic acid	NE	NE	320,000,000	ND (2,800)	ND (2,700)	ND (2,600)	ND (2,600)	ND (2,500)	ND (2,600)	ND (2,600)	ND (2,600)	ND (2,600)
bis(2-Chloroethoxy)methane	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
2,4-Dichlorophenol	NE	NE	240,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (57)	ND (55)	ND (52)	ND (52)	ND (50)	ND (51)	ND (53)	ND (52)	ND (52)
Naphthalene	5,000	5,000	NA	40	ND (22)	ND (21)	49	56	40	ND (21)	ND (21)	ND (21)
4-Chloroaniline	NE	NE	320,000	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (100)*	ND (100)*	ND (110)*	ND (100)*	ND (100)*
Hexachlorobutadiene	NE	NE	13,000	ND (57)	ND (55)	ND (52)	ND (52)	ND (50)	ND (51)	ND (53)	ND (52)	ND (52)
4-Chloro-3-methylphenol	NE	NE	NE	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (100)*	ND (100)*	ND (110)*	ND (100)*	ND (100)*
2-Methylnaphthalene	NE	NE	320,000	33	47	37	67	99	95	ND (21)	100	ND (21)
Hexachlorocyclopentadiene	NE	NE	480,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
2,4,6-Trichlorophenol	NE	NE	91,000	ND (170)	ND (160)	ND (160)	ND (150)	ND (150)	ND (150)	ND (160)	ND (150)	ND (160)

Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX 1-8	EX 1-9	EX 1-10	EX 2-1	EX 2-2	Dup 2	EX 2-2A	EX 2-3	EX 2-4
Laboratory ID No.	Method A	Method A	Method B	580-7817-9	580-7817-10	580-7817-11	580-7817-12	580-7817-13	580-7817-15	580-7817-19	580-7817-14	580-7817-16
Date Sampled	Unrestricted	Industrial	Unrestricted Use	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/17/2007	10/17/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5
Analytical Parameter	Cleanup Level		(Direct Contact)									
2,4,5-Trichlorophenol	NE	NE	8,000,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
2-Chloronaphthalene	NE	NE	6,400,000	ND (23)	ND (22)	ND (21)	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)
2-Nitroaniline	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Dimethyl phthalate	NE	NE	80,000,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Acenaphthylene	NE	NE	NE	ND (23)	ND (22)	ND (21)	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)
2,6-Dinitrotoluene	NE	NE	80,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
3-Nitroaniline	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Acenaphthene	NE	NE	4,800,000	ND (23)	ND (22)	ND (21)	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)
2,4-Dinitrophenol	NE	NE	160,000	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,000)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)
4-Nitrophenol	NE	NE	NE	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,000)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)
Dibenzofuran	NE	NE	160,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
2,4-Dinitrotoluene	NE	NE	160,000	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (100)*	ND (100)*	ND (110)*	ND (100)*	ND (100)*
Diethyl phthalate	NE	NE	64,000,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
4-Chlorophenyl-phenyl ether	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Fluorene	NE	NE	3,200,000	ND (23)	ND (22)	ND (21)	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)
4-Nitroaniline	NE	NE	NE	ND (110)*	ND (110)*	ND (100)*	ND (100)*	ND (100)*	ND (100)*	ND (110)*	ND (100)*	ND (100)*
4,6-Dinitro-2-methylphenol	NE	NE	NE	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,000)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)
n-Nitrosodiphenylamine	NE	NE	200,000	11,000*	810*	3,200*	5,900*	2,100*	1,600*	ND (53)*	ND (52)*	ND (52)*
4-Bromophenyl phenyl ether	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Hexachlorobenzene	NE	NE	630	ND (57)	ND (55)	ND (52)	ND (52)	ND (50)	ND (51)	ND (53)	ND (52)	ND (52)
Pentachlorophenol	NE	NE	8,300	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
Phenanthrene	NE	NE	NE	ND (23)	ND (22)	ND (21)	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)
Anthracene	NE	NE	24,000,000	ND (23)	ND (22)	ND (21)	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)
Di-n-butyl phthalate	NE	NE	8,000,000	ND (220)	ND (220)	ND (210)	ND (210)	ND (200)	ND (210)	ND (210)	ND (210)	ND (210)
Fluoranthene	NE	NE	3,200,000	ND (23)*	ND (22)*	ND (21)*	ND (21)*	ND (20)*	ND (21)*	ND (21)*	ND (21)*	ND (21)*
Pyrene	NE	NE	2,400,000	ND (23)	ND (22)	ND (21)	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)
Butyl benzyl phthalate	NE	NE	16,000,000	ND (110)	ND (110)	ND (100)	ND (100)	ND (100)	ND (100)	ND (110)	ND (100)	ND (100)
3,3'-Dichlorobenzidine	NE	NE	2,200	ND (220)	ND (220)	ND (210)	ND (210)	ND (200)	ND (210)	ND (210)	ND (210)	ND (210)
Benzo(a)anthracene	NE	NE	NE	ND (28)	ND (27)	ND (26)	ND (26)	ND (25)	ND (26)	ND (26)	ND (26)	ND (26)
Chrysene	NE	NE	NE	ND (28)	ND (27)	ND (26)	ND (26)	ND (25)	ND (25)	ND (26)	ND (26)	ND (26)
bis(2-Ethylhexyl)phthalate	NE	NE	71,000	ND (1,700)	ND (1,600)	ND (1,600)	ND (1,500)	ND (1,500)	ND (1,500)	ND (1,600)	ND (1,600)	ND (1,600)
Di-n-octyl phthalate	NE	NE	1,600,000	ND (230)	ND (220)	ND (210)	ND (210)	ND (200)	ND (210)	ND (210)	ND (210)	ND (210)
Benzo(a)pyrene	100	2,000	NA	ND (34)	ND (33)	ND (31)	ND (31)	ND (30)	ND (31)	ND (32)	ND (31)	ND (31)
Indeno(1,2,3-cd)pyrene	NE	NE	NE	ND (46)	ND (44)	ND (42)	ND (41)	ND (40)	ND (41)	ND (42)	ND (41)	ND (42)
Dibenz(a,h)anthracene	NE	NE	NE	ND (46)	ND (44)	ND (42)	ND (41)	ND (40)	ND (41)	ND (42)	ND (41)	ND (42)
Benzo(g,h,i)perylene	NE	NE	NE	ND (28)	ND (27)	ND (25)	ND (26)	ND (25)	ND (26)	ND (26)	ND (26)	ND (25)
Carbazole	NE	NE	50,000	ND (170)*	ND (160)*	ND (160)*	ND (150)*	ND (150)*	ND (150)*	ND (160)*	ND (160)*	ND (160)*
1-Methyl naphthalene	NE	NE	24,000	ND (34)	ND (33)	ND (31)	47	66	66	ND (32)	50	ND (31)
Benzo(b)fluoranthene	NE	NE	NE	ND (23)	ND (22)	ND (21)	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)
Benzo(k)fluoranthene	NE	NE	NE	ND (28)	ND (27)	ND (26)	ND (26)	ND (25)	ND (26)	ND (26)	ND (26)	ND (26)

Table 4
Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Unrestricted Land Use Cleanup Level	MTCA Method A Industrial Cleanup Level	MTCA Method B Unrestricted Use Value (Direct Contact)	EX 1-8	EX 1-9	EX 1-10	EX 2-1	EX 2-2	Dup 2	EX 2-2A	EX 2-3	EX 2-4
Laboratory ID No.				580-7817-9	580-7817-10	580-7817-11	580-7817-12	580-7817-13	580-7817-15	580-7817-19	580-7817-14	580-7817-16
Date Sampled				10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/17/2007	10/17/2007
Depth (feet below grade)				0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5
Analytical Parameter												
Total Petroleum Hydrocarbons (TPH) (mg/Kg)												
NWTPH-Gx (gasoline)	100	100	NE	18	5.2	8.8	29	44	47	3.8	29	ND (3.7)
NWTPH-Dx												
Motor Oil (>C24-C36)	2,000	2,000	NE	76,000	12,000	31,000	47,000	50,000	45,000	1,400	72,000	680
#2 Diesel (C10-C24)	2,000	2,000	NE	8,500	1,900	4,500	5,800	7,800	7,200	240	8,500	82
Priority Pollutant Metals (mg/Kg)												
Arsenic	20	20	NA	ND (3.2)	4.3	5.0	ND (3.2)	ND (2.8)	3.4	3.5	5.8	ND (2.8)
Antimony	NE	NE	32	ND (3.2)	ND (3.3)	ND (3.2)	ND (3.2)	ND (2.8)	ND (3.1)	ND (3.0)	ND (2.6)	ND (2.8)
Beryllium	NE	NE	160	ND (0.26)	ND (0.28)	ND (0.27)	ND (0.27)	ND (0.23)	ND (0.26)	ND (0.25)	ND (0.21)	ND (0.23)
Cadmium	2	2	NA	ND (0.53)	ND (0.55)	ND (0.53)	ND (0.53)	ND (0.46)	ND (0.52)	ND (0.50)	ND (0.43)	ND (0.47)
Chromium	2,000 b	2,000 b	NA	21	26	27	21	23	19	21	19	19
Copper	NE	NE	3,000	33	23	36	19	15	24	21	15	14
Lead	250	1,000	NA	4.1	5.6	4.3	3.4	2.3	2.4	3.8	3.7	2.5
Nickel **	NE	NE	1,600	22	30	27	27	28	24	27	22	27
Selenium	NE	NE	400	ND (5.3)	ND (5.5)	ND (5.3)	ND (5.3)	ND (4.6)	ND (5.2)	ND (5.0)	ND (4.3)	ND (4.7)
Silver	NE	NE	400	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (0.93)	ND (1.0)	ND (0.99)	ND (0.85)	ND (0.93)
Thallium **	NE	NE	5.6	ND (5.3)	ND (5.5)	ND (5.3)	ND (5.3)	ND (4.6)	ND (5.2)	ND (5.0)	ND (4.3)	ND (4.7)
Zinc	NE	NE	24,000	190	63	76	37	55	89	33	51	27
Hexavalent Chromium	19	19	NA	ND (0.28)	ND (0.29)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.26)	ND (0.29)	ND (0.27)	ND (0.27)
Mercury	2	2	NA	ND (0.020)	0.031	0.023	ND (0.017)	ND (0.015)	ND (0.017)	0.022	ND (0.015)	0.019

µg/Kg = microgram per kilogram
mg/Kg = milligram per kilogram
DUP = Duplicate sample collected from sample location as EX-8.
B = The analyte was found in the laboratory method blank as well as in the sample.
* = Laboratory Control Spike (LCS) or LCS Duplicate exceeds the control limit.
ND (XX) = Not detected at reported concentration
a = Listed as total Xylenes.
b = Listed as Chromium III.
** = As soluble salts
MTCA Method B values are most stringent values taken from CLARC database.
MTCA = Model Toxics Control Act
CLARC = Cleanup Levels and Risk Calculation
N/A = Not applicable
NE = Not established.

Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX 2-5	FB	Trip Blank
Laboratory ID No.	Method A	Method A	Method B	580-7817-17	580-7817-20	580-7817-21
Date Sampled	Unrestricted	Industrial	Unrestricted Use	10/17/2007	10/17/2007	10/17/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.0-0.5	N/A	N/A
Analytical Parameter	Cleanup Level		(Direct Contact)			
Volatile Organic Compounds (µg/Kg)					(µg/L)	(µg/L)
Dichlorodifluoromethane	NE	NE	16,000,000	ND (0.90)	ND (1.0)	ND (1.0)
Chloromethane	NE	NE	77,000	ND (0.90)	ND (1.0)	ND (1.0)
Vinyl chloride	NE	NE	670	ND (0.90)	ND (1.0)	ND (1.0)
Bromomethane	NE	NE	110,000	ND (0.90)	ND (1.0)*	ND (1.0)*
Chloroethane	NE	NE	350,000	ND (0.90)	ND (1.0)	ND (1.0)
Trichlorofluoromethane	NE	NE	24,000,000	ND (0.90)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	NE	NE	4,000,000	ND (0.90)	ND (1.0)	ND (1.0)
Methylene chloride	20	20	NA	ND (0.90)	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	NE	NE	1,600,000	ND (0.90)*	ND (1.0)	ND (1.0)
1,1-Dichloroethane	NE	NE	8,000,000	ND (0.90)	ND (1.0)	ND (1.0)
2,2-Dichloropropane	NE	NE	NE	ND (0.90)	ND (1.0)*	ND (1.0)*
cis-1,2-Dichloroethene	NE	NE	800,000	ND (0.90)	ND (1.0)	ND (1.0)
Chlorobromomethane	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
Chloroform	NE	NE	160,000	ND (0.90)	ND (1.0)	ND (1.0)
1,1,1-Trichloroethane	2,000	2,000	NA	ND (0.90)	ND (1.0)	ND (1.0)
Carbon tetrachloride	NE	NE	7,700	ND (0.90)	ND (1.0)	ND (1.0)
1,1-Dichloropropene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
Benzene	30	30	NA	ND (0.90)	ND (1.0)	ND (1.0)
1,2-Dichloroethane	NE	NE	11,000	ND (0.90)	ND (1.0)	ND (1.0)
Trichloroethene	30	30	NA	ND (0.90)	ND (1.0)	ND (1.0)
1,2-Dichloropropane	NE	NE	15,000	ND (0.90)	ND (1.0)	ND (1.0)
Dibromomethane	NE	NE	800,000	ND (0.90)	ND (1.0)	ND (1.0)
Dichlorobromomethane	NE	NE	16,000	ND (0.90)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	NE	NE	5,600	ND (0.90)*	ND (1.0)	ND (1.0)
Toluene	7,000	7,000	NA	ND (0.90)	ND (1.0)	ND (1.0)
trans-1,3-Dichloropropene	NE	NE	5,600	ND (0.90)	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	NE	NE	18,000	ND (0.90)	ND (1.0)	ND (1.0)
Tetrachloroethene	50	50	NA	ND (0.90)	ND (1.0)	ND (1.0)
1,3-Dichloropropane	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
Chlorodibromomethane	NE	NE	12,000	ND (0.90)	ND (1.0)	ND (1.0)
Ethylene dibromide	5	5	NA	ND (0.90)	ND (1.0)	ND (1.0)
Chlorobenzene	NE	NE	1,600,000	ND (0.90)	ND (1.0)	ND (1.0)
Ethylbenzene	6,000	6,000	NA	ND (0.90)	ND (1.0)	ND (1.0)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	ND (0.90)	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	NE	NE	5,000	ND (0.90)	ND (1.0)	ND (1.0)
m-Xylene & p-Xylene	9,000 a	9,000 a	NA	ND(1.8)	ND (2.0)	ND (2.0)
o-Xylene	9,000 a	9,000 a	NA	ND (0.90)	ND (1.0)	ND (1.0)
Styrene	NE	NE	33,000	ND (0.90)	ND (1.0)	ND (1.0)
Bromoform	NE	NE	130,000	ND (0.90)	ND (1.0)	ND (1.0)
Isopropylbenzene	NE	NE	8,000,000	ND (0.90)	ND (1.0)	ND (1.0)
Bromobenzene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
n-Propylbenzene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
1,2,3-Trichloropropane	NE	NE	140	ND (0.90)	ND (1.0)	ND (1.0)

Table 4
Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Unrestricted Land Use Cleanup Level	MTCA Method A Industrial Cleanup Level	MTCA Method B Unrestricted Use Value (Direct Contact)	EX 2-5	FB	Trip Blank
Laboratory ID No.				580-7817-17	580-7817-20	580-7817-21
Date Sampled				10/17/2007	10/17/2007	10/17/2007
Depth (feet below grade)				0.0-0.5	N/A	N/A
Analytical Parameter						
2-Chlorotoluene	NE	NE	1,600,000	ND (0.90)	ND (1.0)	ND (1.0)
1,3,5-Trimethylbenzene	NE	NE	4,000,000	ND(1.8)	ND (1.0)	ND (1.0)
4-Chlorotoluene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
tert-Butylbenzene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
1,2,4-Trimethylbenzene	NE	NE	4,000,000	ND (0.90)	ND (1.0)	ND (1.0)
sec-Butylbenzene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
1,3-Dichlorobenzene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
4-Isopropyltoluene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
1,4-Dichlorobenzene	NE	NE	42,000	ND (0.90)	ND (1.0)	ND (1.0)
n-Butylbenzene	NE	NE	NE	ND (0.90)	ND (1.0)	ND (1.0)
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (0.90)	ND (1.0)	ND (1.0)
1,2-Dibromo-3-Chloropropane	NE	NE	710	ND (0.90)	ND (2.0)	ND (2.0)
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (1.8)	ND (1.0)	ND (1.0)
1,2,3-Trichlorobenzene	NE	NE	NE	ND (1.8)	ND (1.0)	ND (1.0)
Hexachlorobutadiene	NE	NE	13,000	ND (0.90)	ND (1.0)	ND (1.0)
Naphthalene	5,000	5,000	NA	1.3	ND (1.0)	ND (1.0)
Semi-Volatile Organic Compounds (µg/Kg)					(µg/L)	
Phenol	NE	NE	48,000,000	ND (110)	ND (3.1)	NA
bis(2-Chloroethyl)ether	NE	NE	910	ND (110)	ND (2.1)	NA
2-Chlorophenol	NE	NE	400,000	ND (110)	ND (2.1)	NA
1,3-Dichlorobenzene	NE	NE	NE	ND (54)	ND (2.1)	NA
1,4-Dichlorobenzene	NE	NE	42,000	ND (54)	ND (2.1)	NA
Benzyl alcohol	NE	NE	24,000,000	ND (110)*	ND (2.1)	NA
1,2-Dichlorobenzene	NE	NE	7,200,000	ND (54)	ND (2.1)	NA
2-Methylphenol	NE	NE	4,000,000	ND (110)	ND (2.1)	NA
bis(2-Chloroisopropyl)ether	NE	NE	3,200,000	ND (160)*	ND (2.1)	NA
3 & 4 Methylphenol	NE	NE	400,000	ND (210)	ND (4.1)	NA
n-Nitroso-di-n-propylamine	NE	NE	140	ND (110)*	ND (2.1)	NA
Hexachloroethane	NE	NE	71,000	ND (110)	ND (3.1)	NA
Nitrobenzene	NE	NE	40,000	ND (110)	ND (2.1)	NA
Isophorone	NE	NE	1,100,000	ND (110)*	ND (2.1)	NA
2-Nitrophenol	NE	NE	NE	ND (110)*	ND (2.1)	NA
2,4-Dimethylphenol	NE	NE	1,600,000	ND (110)	ND (10)	NA
Benzoic acid	NE	NE	320,000,000	ND (2,700)	ND (10)	NA
bis(2-Chloroethoxy)methane	NE	NE	NE	ND (110)	ND (2.1)	NA
2,4-Dichlorophenol	NE	NE	240,000	ND (110)	ND (2.1)	NA
1,2,4-Trichlorobenzene	NE	NE	800,000	ND (54)	ND (2.1)	NA
Naphthalene	5,000	5,000	NA	ND (21)	ND (2.1)	NA
4-Chloroaniline	NE	NE	320,000	ND (110)*	ND (2.1)	NA
Hexachlorobutadiene	NE	NE	13,000	ND (54)	ND (3.1)	NA
4-Chloro-3-methylphenol	NE	NE	NE	ND (110)*	ND (2.1)	NA
2-Methylnaphthalene	NE	NE	320,000	43	ND (1.0)	NA
Hexachlorocyclopentadiene	NE	NE	480,000	ND (110)	ND (10)	NA
2,4,6-Trichlorophenol	NE	NE	91,000	ND (160)	ND (3.1)	NA

Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX 2-5	FB	Trip Blank
Laboratory ID No.	Method A	Method A	Method B	580-7817-17	580-7817-20	580-7817-21
Date Sampled	Unrestricted	Industrial	Unrestricted Use	10/17/2007	10/17/2007	10/17/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.0-0.5	N/A	N/A
Analytical Parameter	Cleanup Level		(Direct Contact)			
2,4,5-Trichlorophenol	NE	NE	8,000,000	ND (110)	ND (2.1)	NA
2-Chloronaphthalene	NE	NE	6,400,000	ND (21)	ND (0.31)	NA
2-Nitroaniline	NE	NE	NE	ND (110)	ND (2.1)	NA
Dimethyl phthalate	NE	NE	80,000,000	ND (110)	ND (2.1)	NA
Acenaphthylene	NE	NE	NE	ND (21)	ND (0.41)	NA
2,6-Dinitrotoluene	NE	NE	80,000	ND (110)	ND (2.1)	NA
3-Nitroaniline	NE	NE	NE	ND (110)	ND (2.1)	NA
Acenaphthene	NE	NE	4,800,000	ND (21)	ND (0.52)	NA
2,4-Dinitrophenol	NE	NE	160,000	ND (1,100)	ND (26)	NA
4-Nitrophenol	NE	NE	NE	ND (1,100)	ND (10)	NA
Dibenzofuran	NE	NE	160,000	ND (110)	ND (2.1)	NA
2,4-Dinitrotoluene	NE	NE	160,000	ND (110)*	ND (2.1)	NA
Diethyl phthalate	NE	NE	64,000,000	ND (110)	ND (2.1)	NA
4-Chlorophenyl-phenyl ether	NE	NE	NE	ND (110)	ND (2.1)	NA
Fluorene	NE	NE	3,200,000	ND (21)	ND (0.31)	NA
4-Nitroaniline	NE	NE	NE	ND (110)*	ND (3.1)	NA
4,6-Dinitro-2-methylphenol	NE	NE	NE	ND (1,100)	ND (21)	NA
n-Nitrosodiphenylamine	NE	NE	200,000	1,200*	ND (2.1)	NA
4-Bromophenyl phenyl ether	NE	NE	NE	ND (110)	ND (2.1)	NA
Hexachlorobenzene	NE	NE	630	ND (54)	ND (2.1)	NA
Pentachlorophenol	NE	NE	8,300	ND (110)	ND (3.6)	NA
Phenanthrene	NE	NE	NE	ND (21)	ND (0.41)	NA
Anthracene	NE	NE	24,000,000	ND (21)	ND (0.21)	NA
Di-n-butyl phthalate	NE	NE	8,000,000	ND (210)	ND (2.1)	NA
Fluoranthene	NE	NE	3,200,000	ND (21)*	ND (0.26)	NA
Pyrene	NE	NE	2,400,000	ND (21)	ND (0.31)	NA
Butyl benzyl phthalate	NE	NE	16,000,000	ND (110)	ND (3.1)	NA
3,3'-Dichlorobenzidine	NE	NE	2,200	ND (210)	ND (10)	NA
Benzo(a)anthracene	NE	NE	NE	ND (27)	ND (0.31)	NA
Chrysene	NE	NE	NE	ND (27)	ND (0.21)	NA
bis(2-Ethylhexyl)phthalate	NE	NE	71,000	ND (1,600)	ND (15)	NA
Di-n-octyl phthalate	NE	NE	1,600,000	ND (210)	ND (2.1)	NA
Benzo(a)pyrene	100	2,000	NA	ND (32)	ND (0.21)	NA
Indeno(1,2,3-cd)pyrene	NE	NE	NE	ND (43)	ND (0.31)	NA
Dibenz(a,h)anthracene	NE	NE	NE	ND (43)	ND (0.31)	NA
Benzo(g,h,i)perylene	NE	NE	NE	ND (27)	ND (0.31)	NA
Carbazole	NE	NE	50,000	ND (160)*	ND (2.1)	NA
1-Methyl naphthalene	NE	NE	24,000	ND (32)	ND (0.31)	NA
Benzo(b)fluoranthene	NE	NE	NE	ND (21)	ND (0.41)	NA
Benzo(k)fluoranthene	NE	NE	NE	ND (27)	ND (0.31)	NA

Soil Analytical Results
Subfloor Soil Samples
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA	MTCA	MTCA	EX 2-5	FB	Trip Blank
Laboratory ID No.	Method A	Method A	Method B	580-7817-17	580-7817-20	580-7817-21
Date Sampled	Unrestricted	Industrial	Unrestricted Use	10/17/2007	10/17/2007	10/17/2007
Depth (feet below grade)	Land Use	Cleanup Level	Value	0.0-0.5	N/A	N/A
Analytical Parameter	Cleanup Level		(Direct Contact)			
Total Petroleum Hydrocarbons (TPH) (mg/Kg)					mg/L	
NWTPH-Gx (gasoline)	100	100	NE	14	ND (0.050)	NA
NWTPH-Dx					mg/L	
Motor Oil (>C24-C36)	2,000	2,000	NE	14,000	ND (50)	NA
#2 Diesel (C10-C24)	2,000	2,000	NE	1,700	ND (25)	NA
Priority Pollutant Metals (mg/Kg)					mg/L	
Arsenic	20	20	NA	3.6	ND (0.060)	NA
Antimony	NE	NE	32	ND (3.1)	ND (0.060)	NA
Beryllium	NE	NE	160	ND (0.26)	ND (0.0050)	NA
Cadmium	2	2	NA	ND (0.52)	ND (0.010)	NA
Chromium	2,000 b	2,000 b	NA	16	ND (0.025)	NA
Copper	NE	NE	3,000	16	ND (0.020)	NA
Lead	250	1,000	NA	2.9	ND (0.030)	NA
Nickel **	NE	NE	1,600	24	ND (0.020)	NA
Selenium	NE	NE	400	ND (5.2)	ND (0.10)	NA
Silver	NE	NE	400	ND (1.0)	ND (0.020)	NA
Thallium **	NE	NE	5.6	ND (5.2)	ND (0.10)	NA
Zinc	NE	NE	24,000	36	ND (0.040)	NA
Hexavalent Chromium	19	19	NA	ND (0.26)	ND (0.025)	NA
Mercury	2	2	NA	0.022	ND (0.00020)	NA

µg/Kg = microgram per kilogram
mg/Kg = milligram per kilogram
DUP = Duplicate sample collected from sample location as EX-8.
B = The analyte was found in the laboratory method blank as well as in the sample.
* = Laboratory Control Spike (LCS) or LCS Duplicate exceeds the control limit.
ND (XX) = Not detected at reported concentration
a = Listed as total Xylenes.
b = Listed as Chromium III.
** = As soluble salts
MTCA Method B values are most stringent values taken from CLARC database.
MTCA = Model Toxics Control Act
CLARC = Cleanup Levels and Risk Calculation
N/A = Not applicable
NE = Not established.

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 12

Soil Data Summary Tables, from ENVISION's 2013 Progress Report

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB101	SB101	SB101	SB101	SB102
Laboratory ID No.					580-27282-1	580-27282-2	580-27282-3	580-27282-4	580-27282-5
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			0.75 - 1.75	3.5-4.5	6.5-7.5	10.0-11.0	0.75 - 1.75
Analytical Parameter									
Volatile Organic Compounds (µg/Kg)									
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Chloromethane	NE	NE	NE	49	ND (0.92)	ND (17,000)	ND (21,000)	ND (1.3)	ND (0.91)
Vinyl chloride	NE	NE	240,000	0.0053	ND (0.92)	ND (350)	ND (420)	780	ND (0.91)
Bromomethane	NE	NE	110,000	1.8	ND (0.92)	ND (6,100)	ND (7,300)	ND (1.3)	ND (0.91)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	ND (0.92)	ND (17,000)	ND (21,000)	**36,000 H**	1.7
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
1,1-Dichloroethene	NE	NE	4,000,000	93	**120**	**4,300**	**11,000**	**54**	ND (4.5)
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (14)	ND (1,700)	ND (2,100)	**56**	ND (14)
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (0.92)	ND (1,700)	ND (2,100)	**2.5**	ND (0.91)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	**120**	**12,000**	**43,000**	**26,000 H**	**8.7**
2,2-Dichloropropane	NE	NE	NE	NE	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (0.92)	ND (1,700)	ND (2,100)	12	ND (0.91)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Chloroform	NE	NE	800,000	0.053	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (0.92)	ND (870)	ND (1,000)	ND (1.3)	ND (0.91)
1,1-Dichloropropene	NE	NE	NE	NE	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Benzene	30	30	18,000	0.20	ND (0.92)	ND (700)	ND (840)	ND (1.3)	ND (0.91)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (0.92)	ND (1,700)	ND (2,100)	**35**	ND (0.91)
Trichloroethene	30	30	12,000	0.16	**3.9**	**750**	**1,700**	ND (1.3)	ND (0.91)
1,2-Dichloropropane	NE	NE	NE	0.13	ND (0.92)	ND (520)	ND (630)	ND (1.3)	ND (0.91)
Acetone	NE	NE	72,000,000	2,400	**100**	ND (17,000)	ND (21,000)	**690**	ND (14)
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.92)	ND (700)	ND (840)	ND (1.3)	ND (0.91)
Toluene	7,000	7,000	6,400,000	590	ND (1.8)	ND (1,700)	ND (2,100)	**38**	ND (1.8)
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.92)	ND (700)	ND (840)	ND (1.3)	ND (0.91)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	**1.9**	ND (520)	ND (630)	**2.9**	ND (0.91)
Tetrachloroethene	50	50	480,000	4.4	**32**	**2,200**	**2,700**	**15**	**1.0**
1,3-Dichloropropane	NE	NE	NE	99	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Ethylene dibromide (EDB)	5	5	500	NE	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Chlorobenzene	NE	NE	1,600,000	49	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (0.92)	ND (1,700)	ND (2,100)	**2.3**	ND (0.91)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND (1.8)	ND (440)	ND (520)	ND (2.6)	ND (1.8)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	ND (4.6)	ND (17,000)	ND (21,000)	**350**	ND (4.5)
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND (1.8)	ND (1,700)	ND (2,100)	**7.6**	ND (1.8)
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (0.92)	**3,100**	**5,200**	**18**	ND (0.91)
Styrene	NE	NE	16,000,000	1,200	ND (1.8)	ND (1,700)	ND (2,100)	ND (2.6)	ND (1.8)
Bromoform	NE	NE	130,000	2.1	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND (1.8)	**1,900**	**3,300**	**11**	ND (1.8)
Bromobenzene	NE	NE	NE	36	ND (1.8)	ND (1,700)	ND (2,100)	ND (2.6)	ND (1.8)

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB101	SB101	SB101	SB101	SB102
Laboratory ID No.					580-27282-1	580-27282-2	580-27282-3	580-27282-4	580-27282-5
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			0.75 - 1.75	3.5-4.5	6.5-7.5	10.0-11.0	0.75 - 1.75
Analytical Parameter									
N-Propylbenzene	NE	NE	8,000,000	990	ND (0.92)	5,000	9,500	14	ND (0.91)
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
2-Chlorotoluene	NE	NE	1,600,000	170	ND (1.8)	ND (1,700)	ND (2,100)	ND (2.6)	ND (1.8)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND (4.6)	17,000	22,000	52	ND (4.5)
4-Chlorotoluene	NE	NE	NE	180	ND (1.8)	ND (1,700)	ND (2,100)	ND (2.6)	ND (1.8)
tert-Butylbenzene	NE	NE	NE	NE	ND (1.8)	ND (1,700)	ND (2,100)	ND (2.6)	ND (1.8)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND (1.8)	19,000	36,000	70	ND (1.8)
sec-Butylbenzene	NE	NE	NE	NE	ND (1.8)	ND (1,700)	ND (2,100)	ND (2.6)	ND (1.8)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
4-Isopropyltoluene	NE	NE	NE	NE	ND (1.8)	ND (1,700)	ND (2,100)	4.3	ND (1.8)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
n-Butylbenzene	NE	NE	NE	2,500	ND (1.8)	ND (1,700)	ND (2,100)	6.6	ND (1.8)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND (1.8)	ND (8,700)	ND (10,000)	ND (2.6)	ND (1.8)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND(1.8)	ND (1,700)	ND (2,100)	ND (2.6)	ND(1.8)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND(1.8)	ND (1,700)	ND (2,100)	ND (2.6)	ND(1.8)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	ND(4.6)	ND (8,700)	ND (10,000)	45	ND(4.5)
Naphthalene	5,000	5,000	1,600,000	0.47	ND(4.6)	ND (1,700)	ND (2,100)	57	ND(4.5)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (0.92)	ND (1,700)	ND (2,100)	ND (1.3)	ND (0.91)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND(4.6)	ND (8,700)	ND (10,000)	ND (6.6)	ND(4.5)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	860	190,000	410,000	3,300	6.2
VOC TICs (µg/Kg)									
Unknown	NE	NE	NE	NE	13 T J			110 T J	
Unknown	NE	NE	NE	NE					
2-Ethyl-1-Hexanol	NE	NE	NE	NE	150				
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE		47,000 T J N			
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE		14,000 T J N			
Benzene, 1,3,5-trimethyl-	NE	NE	NE	NE		12,000 T J N			
Benzene, 1,2-diethyl-	NE	NE	NE	NE		13,000 T J N			
Benzene, 1-ethyl-4-methyl-	NE	NE	NE	NE			86,000 T J N		
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	NE	NE				2.0	
Carbon disulfide	NE	NE	8,000,000	210				2.5	
Unknown Hydrocarbon	NE	NE	NE	NE				46 T J	
Unknown Hydrocarbon	NE	NE	NE	NE					
Dimethyl sulfide	NE	NE	NE	NE					32 T J N
Dimethyl trisulfide	NE	NE	NE	NE					4.7 T J N
Disiloxane, hexamethyl-	NE	NE	NE	NE					
Disiloxane, hexamethyl-	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				65 T J	
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB101	SB101	SB101	SB101	SB102
Laboratory ID No.					580-27282-1	580-27282-2	580-27282-3	580-27282-4	580-27282-5
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			0.75 - 1.75	3.5-4.5	6.5-7.5	10.0-11.0	0.75 - 1.75
Analytical Parameter									
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Hexane	NE	NE	4,800,000	1,800					
Isobutyl alcohol	NE	NE	24,000,000	950					
2-Methyl-2-propanol	NE	NE	NE	NE					
Decane	NE	NE	NE	NE					
Undecane	NE	NE	NE	NE					
Cyclopropane, 1,1-dimethyl-	NE	NE	NE	NE					
Cyclopropane, 1,1-dimethyl-	NE	NE	NE	NE					
Ethane, (methylthio)-	NE	NE	NE	NE					
1,3-Dioxolane	NE	NE	NE	NE					
1,3-Dioxolane	NE	NE	NE	NE					
Total VOC TICs	NE	NE	NE	NE	163	86,000	86,000	225.5	36.7

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB102	SB102	SB103	SB103	SB103
Laboratory ID No.					580-27282-6	580-27282-7	580-27282-8	580-27282-9	580-27282-10
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			6.5 -7.5	9.5 -10.5	0.75-1.75	6.5-7.5	9.0-10.0
Analytical Parameter									
Volatile Organic Compounds (µg/Kg)									
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Chloromethane	NE	NE	NE	49	ND (7,500)	ND (7,200)	ND (1.0)	ND (19,000)	ND (1.4)
Vinyl chloride	NE	NE	240,000	0.0053	ND (150)	ND (140)	**1.6**	ND (380)	**32**
Bromomethane	NE	NE	110,000	1.8	ND (2,600)	ND (2,500)	ND (1.0)	ND (6,600)	ND (1.4)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	ND (7,500)	ND (7,200)	**1.4**	ND (19,000)	**3,500**
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
1,1-Dichloroethene	NE	NE	4,000,000	93	**720**	**1,900**	**52**	ND (940)	**110**
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (750)	ND (720)	ND (15)	ND (1,900)	**46**
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (750)	ND (720)	ND (1.0)	ND (1,900)	**2.0**
1,1-Dichloroethane	NE	NE	16,000,000	0.68	ND (750)	**1,600**	**1,900**	**6,700**	**10,000 H**
2,2-Dichloropropane	NE	NE	NE	NE	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (750)	ND (720)	**2.2**	ND (1,900)	**19**
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Chloroform	NE	NE	800,000	0.053	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (370)	ND (360)	ND (1.0)	ND (940)	ND (1.4)
1,1-Dichloropropene	NE	NE	NE	NE	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Benzene	30	30	18,000	0.20	ND (300)	ND (290)	ND (1.0)	ND (750)	ND (1.4)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (750)	ND (720)	1.7	ND (1,900)	**24**
Trichloroethene	30	30	12,000	0.16	ND (300)	**320**	**8.6**	ND (750)	**7.2**
1,2-Dichloropropane	NE	NE	NE	0.13	ND (220)	ND (220)	**1.0**	ND (560)	ND (1.4)
Acetone	NE	NE	72,000,000	2,400	ND (7,500)	ND (7,200)	**61**	ND (19,000)	**370**
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (300)	ND (290)	ND (1.0)	ND (750)	ND (1.4)
Toluene	7,000	7,000	6,400,000	590	ND (750)	ND (720)	**3.5**	ND (1,900)	**66**
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (300)	ND (290)	ND (1.0)	ND (750)	ND (1.4)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (220)	ND (220)	**2.7**	ND (560)	**2.2**
Tetrachloroethene	50	50	480,000	4.4	ND (370)	**1,000**	**3.9**	**1,700**	**41**
1,3-Dichloropropane	NE	NE	NE	99	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Ethylene dibromide (EDB)	5	5	500	NE	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Chlorobenzene	NE	NE	1,600,000	49	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND (190)	ND (180)	ND (2.1)	ND (470)	ND (2.9)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	ND (7,500)	ND (7,200)	11	ND (19,000)	**240**
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND (750)	ND (720)	ND (2.1)	ND (1,900)	**3.5**
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (750)	ND (720)	**3.4**	ND (1,900)	**4.6**
Styrene	NE	NE	16,000,000	1,200	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
Bromoform	NE	NE	130,000	2.1	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
Bromobenzene	NE	NE	NE	36	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB102	SB102	SB103	SB103	SB103
Laboratory ID No.					580-27282-6	580-27282-7	580-27282-8	580-27282-9	580-27282-10
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			6.5 -7.5	9.5 -10.5	0.75-1.75	6.5-7.5	9.0-10.0
Analytical Parameter									
N-Propylbenzene	NE	NE	8,000,000	990	ND (750)	ND (720)	ND (1.0)	ND (1,900)	1.9
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
2-Chlorotoluene	NE	NE	1,600,000	170	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND (750)	ND (720)	12	ND (1,900)	ND (7.2)
4-Chlorotoluene	NE	NE	NE	180	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
tert-Butylbenzene	NE	NE	NE	NE	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND (750)	ND (720)	ND (2.1)	ND (1,900)	54
sec-Butylbenzene	NE	NE	NE	NE	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
4-Isopropyltoluene	NE	NE	NE	NE	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
n-Butylbenzene	NE	NE	NE	2,500	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND (3,700)	ND (3,600)	ND (2.1)	ND (9,400)	ND (2.9)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND (750)	ND (720)	ND (2.1)	ND (1,900)	ND (2.9)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	ND (3,700)	ND (3,600)	ND(5.1)	ND (9.400)	11
Naphthalene	5,000	5,000	1,600,000	0.47	ND (750)	ND (720)	ND(5.1)	ND (1,900)	ND (7.2)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (750)	ND (720)	ND (1.0)	ND (1,900)	ND (1.4)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND (3,700)	ND (3,600)	ND(5.1)	ND (9.400)	ND (7.2)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	890	3,400	37	14,000	4,800
VOC TICs (µg/Kg)									
Unknown	NE	NE	NE	NE					80 T J
Unknown	NE	NE	NE	NE					
2-Ethyl-1-Hexanol	NE	NE	NE	NE					
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE					
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE					
Benzene, 1,3,5-trimethyl-	NE	NE	NE	NE					
Benzene, 1,2-diethyl-	NE	NE	NE	NE					
Benzene, 1-ethyl-4-methyl-	NE	NE	NE	NE					
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	NE	NE					9.3
Carbon disulfide	NE	NE	8,000,000	210					
Unknown Hydrocarbon	NE	NE	NE	NE					140 T J
Unknown Hydrocarbon	NE	NE	NE	NE					430 T J
Dimethyl sulfide	NE	NE	NE	NE					
Dimethyl trisulfide	NE	NE	NE	NE					
Disiloxane, hexamethyl-	NE	NE	NE	NE			23 T J N		
Disiloxane, hexamethyl-	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			7.8 T J		

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB102	SB102	SB103	SB103	SB103
Laboratory ID No.					580-27282-6	580-27282-7	580-27282-8	580-27282-9	580-27282-10
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			6.5 -7.5	9.5 -10.5	0.75-1.75	6.5-7.5	9.0-10.0
Analytical Parameter									
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			12 T J		
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			7.1 T J		
Hexane	NE	NE	4,800,000	1,800					15
Isobutyl alcohol	NE	NE	24,000,000	950					220
2-Methyl-2-propanol	NE	NE	NE	NE					
Decane	NE	NE	NE	NE					
Undecane	NE	NE	NE	NE					
Cyclopropane, 1,1-dimethyl-	NE	NE	NE	NE					
Cyclopropane, 1,1-dimethyl-	NE	NE	NE	NE					
Ethane, (methylthio)-	NE	NE	NE	NE					
1,3-Dioxolane	NE	NE	NE	NE					
1,3-Dioxolane	NE	NE	NE	NE					
Total VOC TICs	NE	NE	NE	NE	0	0	49.9	0	894.3

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB104	SB104	SB104	SB104
Laboratory ID No.					580-27282-11	580-27282-45	580-27282-46	580-27282-47
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			0.75-1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
Analytical Parameter								
Volatile Organic Compounds (µg/Kg)								
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Chloromethane	NE	NE	NE	49	ND (20,000)	ND (18,000) H	ND (0.86)	ND (1.1)
Vinyl chloride	NE	NE	240,000	0.0053	ND (390)	ND (370) H	13	1.5
Bromomethane	NE	NE	110,000	1.8	ND (6,800)	ND (6,400) H	ND (0.86)	ND (1.1)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	ND (20,000)	ND (18,000) H	49	980 H
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
1,1-Dichloroethene	NE	NE	4,000,000	93	ND (980)	7,300 H	NA	ND (5.3)
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (2,000)	ND (1,800) H	ND (13)	ND (16)
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	6,500	22,000 H	1,200 H	6.1
2,2-Dichloropropane	NE	NE	NE	NE	ND (2,000)	ND (1,800) H	2.3	ND (1.1)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (2,000)	ND (1,800) H	2.2	ND (1.1)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Chloroform	NE	NE	800,000	0.053	ND (2,000)	ND (1,800) H	1.5	ND (1.1)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (980)	ND (920) H	ND (0.86)	ND (1.1)
1,1-Dichloropropene	NE	NE	NE	NE	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Benzene	30	30	18,000	0.20	ND (780)	ND (730) H	ND (0.86)	ND (1.1)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (2,000)	ND (1,800) H	14	4.1
Trichloroethene	30	30	12,000	0.16	1,000	1,200 H	8.9	ND (1.1)
1,2-Dichloropropane	NE	NE	NE	0.13	ND (590)	ND (550) H	ND (0.86)	ND (1.1)
Acetone	NE	NE	72,000,000	2,400	ND (20,000)	ND (18,000) H	2,100 H	150
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (780)	ND (730) H	ND (0.86)	ND (1.1)
Toluene	7,000	7,000	6,400,000	590	ND (2,000)	ND (1,800) H	21	42
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (780)	ND (730) H	ND (0.86)	ND (1.1)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (590)	ND (550) H	8.0	ND (1.1)
Tetrachloroethene	50	50	480,000	4.4	1,500	2,000 H	6.7	ND (1.1)
1,3-Dichloropropane	NE	NE	NE	99	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Ethylene dibromide (EDB)	5	5	500	NE	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Chlorobenzene	NE	NE	1,600,000	49	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (2,000)	ND (1,800) H	ND (0.86)	1.3
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND (490)	ND (460) H	ND (1.7)	ND (2.1)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	ND (20,000)	ND (18,000) H	620	29
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND (2,000)	ND (1,800) H	ND (1.7)	2.1
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (2,000)	ND (1,800) H	2.6	2.8
Styrene	NE	NE	16,000,000	1,200	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)
Bromoform	NE	NE	130,000	2.1	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)
Bromobenzene	NE	NE	NE	36	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB104	SB104	SB104	SB104
Laboratory ID No.					580-27282-11	580-27282-45	580-27282-46	580-27282-47
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			0.75-1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
Analytical Parameter								
N-Propylbenzene	NE	NE	8,000,000	990	ND (2,000)	ND (1,800) H	1.0	1.9
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
2-Chlorotoluene	NE	NE	1,600,000	170	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND (2,000)	2,900 H	ND(4.3)	8.3
4-Chlorotoluene	NE	NE	NE	180	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)
tert-Butylbenzene	NE	NE	NE	NE	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND (2,000)	5,900 H	2.8	21
sec-Butylbenzene	NE	NE	NE	NE	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
4-Isopropyltoluene	NE	NE	NE	NE	ND (2,000)	ND (1,800) H	3.5	ND (2.1)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
n-Butylbenzene	NE	NE	NE	2,500	ND (2,000)	ND (1,800) H	ND (1.7)	2.8
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND (9,800)	ND (9,200) H	ND (1.7)	ND (2.1)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND (2,000)	ND (1,800) H	ND (1.7)	ND (2.1)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	ND (9,800)	ND (9,200) H	550	11
Naphthalene	5,000	5,000	1,600,000	0.47	ND (2,000)	ND (1,800) H	ND(4.3)	ND (5.3)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (2,000)	ND (1,800) H	ND (0.86)	ND (1.1)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND (9,800)	ND (9,200) H	ND(4.3)	ND (5.3)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	630,000 H	660,000 H	2,200 H	40
VOC TICs (µg/Kg)								
Unknown	NE	NE	NE	NE	280,000 T H J	260,000 T H J		
Unknown	NE	NE	NE	NE		21,000 T H J		
2-Ethyl-1-Hexanol	NE	NE	NE	NE				
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE				9.2 T J N
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE				
Benzene, 1,3,5-trimethyl-	NE	NE	NE	NE				
Benzene, 1,2-diethyl-	NE	NE	NE	NE				
Benzene, 1-ethyl-4-methyl-	NE	NE	NE	NE				
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	NE	NE				
Carbon disulfide	NE	NE	8,000,000	210			3.0	
Unknown Hydrocarbon	NE	NE	NE	NE				
Unknown Hydrocarbon	NE	NE	NE	NE				
Dimethyl sulfide	NE	NE	NE	NE				
Dimethyl trisulfide	NE	NE	NE	NE				
Disiloxane, hexamethyl-	NE	NE	NE	NE				20 T J N
Disiloxane, hexamethyl-	NE	NE	NE	NE				11 T J N
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				6.7 T J

Table 1
Soil Analytical Results - VOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	USEPA	SB104	SB104	SB104	SB104
Laboratory ID No.				Risk-	580-27282-11	580-27282-45	580-27282-46	580-27282-47
Date Sampled			Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.75-1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				5.3 T J
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				
Hexane	NE	NE	4,800,000	1,800				33
Isobutyl alcohol	NE	NE	24,000,000	950			1,100	440
2-Methyl-2-propanol	NE	NE	NE	NE			10	
Decane	NE	NE	NE	NE		20,000 T H J N		
Undecane	NE	NE	NE	NE		15,000 T H J N		
Cyclopropane, 1,1-dimethyl-	NE	NE	NE	NE				5.4 T J N
Cyclopropane, 1,1-dimethyl-	NE	NE	NE	NE				5.6 T J N
Ethane, (methylthio)-	NE	NE	NE	NE				8.4 T J N
1,3-Dioxolane	NE	NE	NE	NE				8.3 T J N
1,3-Dioxolane	NE	NE	NE	NE				6.1 T J N
Total VOC TICs	NE	NE	NE	NE	280,000	316,000	1,113	559

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB105	SB105	SB106	SB106	SB107
Laboratory ID No.					580-27282-13	580-27282-14	580-27282-15	580-27282-16	580-27282-17
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			1.0-2.0	9.5-10.5	0.5-1.5	9.5-10.5	0.5-1.5
Analytical Parameter									
Volatile Organic Compounds (µg/Kg)									
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Chloromethane	NE	NE	NE	49	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Vinyl chloride	NE	NE	240,000	0.0053	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Bromomethane	NE	NE	110,000	1.8	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	ND (1.3)	**24**	ND (0.90)	ND (0.83)	**2.6**
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
1,1-Dichloroethene	NE	NE	4,000,000	93	ND (6.5)	ND (4.6)	ND (4.5)	ND (4.1)	ND (4.5)
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (20)	ND (14)	ND (14)	ND (12)	ND (13)
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	**5.8**	ND (0.93)	ND (0.90)	ND (0.83)	**1.9**
2,2-Dichloropropane	NE	NE	NE	NE	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (1.3)	**1.6**	ND (0.90)	ND (0.83)	ND (0.89)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Chloroform	NE	NE	800,000	0.053	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
1,1-Dichloropropene	NE	NE	NE	NE	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Benzene	30	30	18,000	0.20	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Trichloroethene	30	30	12,000	0.16	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
1,2-Dichloropropane	NE	NE	NE	0.13	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Acetone	NE	NE	72,000,000	2,400	ND (20)	**88**	**74**	**48**	**58**
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Toluene	7,000	7,000	6,400,000	590	ND (2.6)	ND(1.9)	**4.2**	ND (1.7)	ND (1.8)
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Tetrachloroethene	50	50	480,000	4.4	ND (1.3)	ND (0.93)	**0.92**	ND (0.83)	ND (0.89)
1,3-Dichloropropane	NE	NE	NE	99	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Ethylene dibromide (EDB)	5	5	500	NE	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
Chlorobenzene	NE	NE	1,600,000	49	ND (1.3)	ND (0.93)	ND (0.90)*	ND (0.83)	ND (0.89)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (1.3)	ND (0.93)	**42***	ND (0.83)	ND (0.89)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (1.3)	ND (0.93)	ND (0.90)*	ND (0.83)	ND (0.89)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	ND (6.5)	**15**	**11**	**6.9**	**8.7**
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND (2.6)	ND(1.9)	**260***	ND (1.7)	**3.9**
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (1.3)	ND (0.93)	**89***	ND (0.83)	**1.6**
Styrene	NE	NE	16,000,000	1,200	ND (2.6)	ND(1.9)	**3.9***	ND (1.7)	ND (1.8)
Bromoform	NE	NE	130,000	2.1	ND (1.3)	ND (0.93)	ND (0.90)*	ND (0.83)	ND (0.89)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
Bromobenzene	NE	NE	NE	36	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
N-Propylbenzene	NE	NE	8,000,000	990	ND (1.3)	ND (0.93)	**2.0***	ND (0.83)	ND (0.89)
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (1.3)	ND (0.93)	ND (0.90)*	ND (0.83)	ND (0.89)

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	USEPA	SB105	SB105	SB106	SB106	SB107
Laboratory ID No.			Unrestricted Land	Risk-Based SSL	580-27282-13	580-27282-14	580-27282-15	580-27282-16	580-27282-17
Date Sampled			Use Value	Protection of	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties	(Direct Contact)	Groundwater	1.0-2.0	9.5-10.5	0.5-1.5	9.5-10.5	0.5-1.5
Analytical Parameter									
2-Chlorotoluene	NE	NE	1,600,000	170	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND (6.5)	ND (4.6)	6.5*	ND (4.1)	ND(4.5)
4-Chlorotoluene	NE	NE	NE	180	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
tert-Butylbenzene	NE	NE	NE	NE	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND (2.6)	ND(1.9)	14*	ND (1.7)	6.7
sec-Butylbenzene	NE	NE	NE	NE	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (1.3)	ND (0.93)	ND (0.90)*	ND (0.83)	ND (0.89)
4-Isopropyltoluene	NE	NE	NE	NE	ND (2.6)	ND(1.9)	15*	ND (1.7)	ND (1.8)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (1.3)	ND (0.93)	ND (0.90)*	ND (0.83)	ND (0.89)
n-Butylbenzene	NE	NE	NE	2,500	ND (2.6)	ND(1.9)	8.8*	ND (1.7)	ND (1.8)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (1.3)	ND (0.93)	ND (0.90)*	ND (0.83)	ND (0.89)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND (2.6)	ND(1.9)	ND (1.8)*	ND (1.7)	ND (1.8)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (1.3)	ND (0.93)	ND (0.90)*	ND (0.83)	ND (0.89)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	ND (6.5)	ND(4.6)	6.6	ND (4.1)	ND(4.5)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (6.5)	ND(4.6)	6.6*	ND (4.1)	ND(4.5)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (1.3)	ND (0.93)	ND (0.90)	ND (0.83)	ND (0.89)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND (6.5)	ND(4.6)	ND(4.5)	ND (4.1)	ND(4.5)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	25	2.1	3.2	2.4	6.7
VOC TICs (µg/Kg)									
Unknown	NE	NE	NE	NE			82 T J		
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
2-Ethyl-1-Hexanol	NE	NE	NE	NE			92		
Benzene, 1,3,5-trimethyl-	NE	NE	NE	NE					
Carbon disulfide	NE	NE	8,000,000	210					1.5
Unknown Hydrocarbon	NE	NE	NE	NE					
Unknown Hydrocarbon	NE	NE	NE	NE					
Unknown Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			12 T J		
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			9.9 T J		
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			11 T J		
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Isobutyl alcohol	NE	NE	24,000,000	950					
2-Methyl-2-propanol	NE	NE	NE	NE			26		10
Unknown alkane	NE	NE	NE	NE			7.9 T J		
Unknown alkane	NE	NE	NE	NE			14 T J		
Unknown alkane	NE	NE	NE	NE			12 T J		
Unknown Ketone	NE	NE	NE	NE					
tert-Butyldimethylsilanol	NE	NE	NE	NE					
tert-Amyl methylether	NE	NE	NE	NE					
Acetaldehyde	NE	NE	NE	0.45					

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB105	SB105	SB106	SB106	SB107
Laboratory ID No.					580-27282-13	580-27282-14	580-27282-15	580-27282-16	580-27282-17
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			1.0-2.0	9.5-10.5	0.5-1.5	9.5-10.5	0.5-1.5
Analytical Parameter									
Methyl acetate	NE	NE	80,000,000	3,200					
1,3-Dichloro-2-methyl-propene	NE	NE	NE	NE					
2-Pentanone-3-methyl-	NE	NE	NE	NE					
3-Penten-2-one, 4-methyl-	NE	NE	NE	NE					
Cyclohexane, 1,1,3-trimethyl-	NE	NE	NE	NE					
1-Hexene, 2,5,5-trimethyl-	NE	NE	NE	NE					
Heptane, 2,5-dimethyl-	NE	NE	NE	NE					
2-Hexene, 3,4,4-trimethyl-	NE	NE	NE	NE					
Cyclohexane, propyl-	NE	NE	NE	NE					
Nonane, 4-methyl	NE	NE	NE	NE					
Decane	NE	NE	NE	NE					
Undecane	NE	NE	NE	NE					
1H-Indene, octahydro-, cis	NE	NE	NE	NE					
Cyclohexane, 1,ethyl-2,4-dimethyl-	NE	NE	NE	NE					
2-Hexyl-1-octanol	NE	NE	NE	NE					
Octane, 3-methyl-	NE	NE	NE	NE					
Cyclohexane, methyl-	NE	NE	NE	NE					
3-Nonene, 3-methyl-, E	NE	NE	NE	NE					
Decane, 4-methyl-	NE	NE	NE	NE					
Cyclohexane, 1,1-dimethyl-	NE	NE	NE	NE					
4-Hexen-1-ol, 5-methyl-2-(1-methylethenyl	NE	NE	NE	NE					
Total VOC TICs	NE	NE	NE	NE	0	0	266.8	0	11.5

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB107	SB108	SB108	SB108	SB109
Laboratory ID No.					580-27282-18	580-27282-19	580-27282-20	580-27282-21	580-27282-22
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			9.5-10.5	0.5-1.5	6.5-7.5	10.0-11.0	1.0-2.0
Analytical Parameter									
Volatile Organic Compounds (µg/Kg)									
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Chloromethane	NE	NE	NE	49	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Vinyl chloride	NE	NE	240,000	0.0053	ND (0.98)	ND (0.81)	ND (0.97)	**9.4**	ND (1.5)
Bromomethane	NE	NE	110,000	1.8	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	**3.1**	ND (0.81)	**1.4**	**2,200**	ND (0.98)
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,1-Dichloroethene	NE	NE	4,000,000	93	ND (4.9)	ND (4.1)	ND (4.9)	ND (6.2)	ND (7.6)
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (15)	ND (12)	ND (15)	ND (19)	ND (23)
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	**4.4**
2,2-Dichloropropane	NE	NE	NE	NE	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Chloroform	NE	NE	800,000	0.053	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,1-Dichloropropene	NE	NE	NE	NE	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Benzene	30	30	18,000	0.20	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Trichloroethene	30	30	12,000	0.16	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,2-Dichloropropane	NE	NE	NE	0.13	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Acetone	NE	NE	72,000,000	2,400	**86**	**15**	**84**	**550**	**85**
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Toluene	7,000	7,000	6,400,000	590	ND(2.0)	ND (1.6)	ND(1.9)	**3.7**	ND (3.0)
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Tetrachloroethene	50	50	480,000	4.4	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,3-Dichloropropane	NE	NE	NE	99	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Ethylene dibromide (EDB)	5	5	500	NE	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Chlorobenzene	NE	NE	1,600,000	49	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	**16**	ND (4.1)	**9.6**	**130**	**10**
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Styrene	NE	NE	16,000,000	1,200	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
Bromoform	NE	NE	130,000	2.1	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
Bromobenzene	NE	NE	NE	36	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
N-Propylbenzene	NE	NE	8,000,000	990	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB107	SB108	SB108	SB108	SB109
Laboratory ID No.					580-27282-18	580-27282-19	580-27282-20	580-27282-21	580-27282-22
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			9.5-10.5	0.5-1.5	6.5-7.5	10.0-11.0	1.0-2.0
Analytical Parameter									
2-Chlorotoluene	NE	NE	1,600,000	170	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND (4.9)	ND (4.1)	ND (4.9)	ND (6.2)	ND (7.6)
4-Chlorotoluene	NE	NE	NE	180	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
tert-Butylbenzene	NE	NE	NE	NE	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
sec-Butylbenzene	NE	NE	NE	NE	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
4-Isopropyltoluene	NE	NE	NE	NE	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
n-Butylbenzene	NE	NE	NE	2,500	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND(2.0)	ND (1.6)	ND(1.9)	ND (2.5)	ND (3.0)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	ND (4.9)	ND (4.1)	ND (4.9)	ND (6.2)	ND (7.6)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (4.9)	ND (4.1)	ND (4.9)	ND (6.2)	ND (7.6)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND (4.9)	ND (4.1)	ND (4.9)	ND (6.2)	ND (7.6)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	ND (0.98)	ND (0.81)	ND (0.97)	ND (1.2)	ND (1.5)
VOC TICs (µg/Kg)									
Unknown	NE	NE	NE	NE					5.0 T J
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
2-Ethyl-1-Hexanol	NE	NE	NE	NE					
Benzene, 1,3,5-trimethyl-	NE	NE	NE	NE					
Carbon disulfide	NE	NE	8,000,000	210				1.6	
Unknown Hydrocarbon	NE	NE	NE	NE					
Unknown Hydrocarbon	NE	NE	NE	NE					
Unknown Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE					
Isobutyl alcohol	NE	NE	24,000,000	950					
2-Methyl-2-propanol	NE	NE	NE	NE					
Unknown alkane	NE	NE	NE	NE					
Unknown alkane	NE	NE	NE	NE					
Unknown alkane	NE	NE	NE	NE					
Unknown Ketone	NE	NE	NE	NE					
tert-Butyldimethylsilanol	NE	NE	NE	NE		4.2 T J N			
tert-Amyl methylether	NE	NE	NE	NE					
Acetaldehyde	NE	NE	NE	0.45				9.6 T J N	

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB107	SB108	SB108	SB108	SB109
Laboratory ID No.					580-27282-18	580-27282-19	580-27282-20	580-27282-21	580-27282-22
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			9.5-10.5	0.5-1.5	6.5-7.5	10.0-11.0	1.0-2.0
Analytical Parameter									
Methyl acetate	NE	NE	80,000,000	3,200					
1,3-Dichloro-2-methyl-propene	NE	NE	NE	NE					
2-Pentanone-3-methyl-	NE	NE	NE	NE					
3-Penten-2-one, 4-methyl-	NE	NE	NE	NE					
Cyclohexane, 1,1,3-trimethyl-	NE	NE	NE	NE					
1-Hexene, 2,5,5-trimethyl-	NE	NE	NE	NE					
Heptane, 2,5-dimethyl-	NE	NE	NE	NE					
2-Hexene, 3,4,4-trimethyl-	NE	NE	NE	NE					
Cyclohexane, propyl-	NE	NE	NE	NE					
Nonane, 4-methyl	NE	NE	NE	NE					
Decane	NE	NE	NE	NE					
Undecane	NE	NE	NE	NE					
1H-Indene, octahydro-, cis	NE	NE	NE	NE					
Cyclohexane, 1,ethyl-2,4-dimethyl-	NE	NE	NE	NE					
2-Hexyl-1-octanol	NE	NE	NE	NE					
Octane, 3-methyl-	NE	NE	NE	NE					
Cyclohexane, methyl-	NE	NE	NE	NE					
3-Nonene, 3-methyl-, E	NE	NE	NE	NE					
Decane, 4-methyl-	NE	NE	NE	NE					
Cyclohexane, 1,1-dimethyl-	NE	NE	NE	NE					
4-Hexen-1-ol, 5-methyl-2-(1-methylethenyl	NE	NE	NE	NE					
Total VOC TICs	NE	NE	NE	NE	0	4.2	0	11.2	5.0

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB109	SB110	SB110	SB110
Laboratory ID No.					580-27282-24	580-27282-25	580-27282-26	580-27282-27
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			10.5 - 11.5	1.0 - 2.0	11.0 - 12.0	15.0 - 16.0
Analytical Parameter								
Volatile Organic Compounds (µg/Kg)								
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Chloromethane	NE	NE	NE	49	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Vinyl chloride	NE	NE	240,000	0.0053	ND (1.1)	ND (0.87)	2.7	2.4
Bromomethane	NE	NE	110,000	1.8	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	5.4	12	62	33
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
1,1-Dichloroethene	NE	NE	4,000,000	93	ND (5.7)	63	17	ND (5.4)
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (17)	10,000 H B	940 H B	40
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	ND (1.1)	10,000 H	880 H	61
2,2-Dichloropropane	NE	NE	NE	NE	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	7.4	ND (0.87)	ND (0.85)	ND (1.1)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Chloroform	NE	NE	800,000	0.053	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
1,1-Dichloropropene	NE	NE	NE	NE	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Benzene	30	30	18,000	0.20	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (1.1)	4.0	4.8	1.2
Trichloroethene	30	30	12,000	0.16	ND (1.1)	6.3	5.2	1.9
1,2-Dichloropropane	NE	NE	NE	0.13	ND (1.1)	ND (0.87)	ND (0.83)	ND (1.1)
Acetone	NE	NE	72,000,000	2,400	130	9,000 H	7,400 H	1,400 H
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Toluene	7,000	7,000	6,400,000	590	ND (2.3)	16	15	7.6
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (1.1)	1.7	1.8	ND (1.1)
Tetrachloroethene	50	50	480,000	4.4	ND (1.1)	8.0	12	6.4
1,3-Dichloropropane	NE	NE	NE	99	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Ethylene dibromide (EDB)	5	5	500	NE	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Chlorobenzene	NE	NE	1,600,000	49	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (1.1)	1.1	1.7	ND (1.1)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	24	340	610	85
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND (2.3)	4.3	6.7	2.4
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (1.1)	13	28	6.5
Styrene	NE	NE	16,000,000	1,200	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
Bromoform	NE	NE	130,000	2.1	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND (2.3)	2.3	6.9	2.7
Bromobenzene	NE	NE	NE	36	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
N-Propylbenzene	NE	NE	8,000,000	990	ND (1.1)	5.1	19	6.5
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB109	SB110	SB110	SB110
Laboratory ID No.					580-27282-24	580-27282-25	580-27282-26	580-27282-27
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			10.5 - 11.5	1.0 - 2.0	11.0 - 12.0	15.0 - 16.0
Analytical Parameter								
2-Chlorotoluene	NE	NE	1,600,000	170	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND (5.7)	12	53	19
4-Chlorotoluene	NE	NE	NE	180	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
tert-Butylbenzene	NE	NE	NE	NE	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND (2.3)	23	120	49
sec-Butylbenzene	NE	NE	NE	NE	ND (2.3)	ND (1.7)	1.7	ND (2.2)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
4-Isopropyltoluene	NE	NE	NE	NE	ND (2.3)	ND (1.7)	3.9	ND (2.2)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
n-Butylbenzene	NE	NE	NE	2,500	ND (2.3)	2.2	14	8.2
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND (2.3)	ND (1.7)	ND (1.7)	ND (2.2)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	ND (5.7)	230	480	25
Naphthalene	5,000	5,000	1,600,000	0.47	ND (5.7)	ND(4.4)	ND (4.2)	ND (5.4)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (1.1)	ND (0.87)	ND (0.85)	ND (1.1)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND (5.7)	ND(4.4)	ND (4.2)	ND (5.4)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	ND (1.1)	22,000 H	1,400 H	43
VOC TICs (µg/Kg)								
Unknown	NE	NE	NE	NE		4.2 T J		5.6 T J
Unknown	NE	NE	NE	NE				12 T J
Unknown	NE	NE	NE	NE				6.4 T J
2-Ethyl-1-Hexanol	NE	NE	NE	NE				
Benzene, 1,3,5-trimethyl-	NE	NE	NE	NE				
Carbon disulfide	NE	NE	8,000,000	210		0.90	12	7.5
Unknown Hydrocarbon	NE	NE	NE	NE		6.1 T J	22 T J	
Unknown Hydrocarbon	NE	NE	NE	NE		29 T J	16 T J	
Unknown Hydrocarbon	NE	NE	NE	NE		100 T J	45 T J	
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE		110 T J	85 T J	
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE		29 T J	22 T J	30 T J
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE		23 T J	22 T J	7.9 T J
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			9.1 T J	10 T J
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			20 T J	
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			19 T J	
Isobutyl alcohol	NE	NE	24,000,000	950		160	450	200
2-Methyl-2-propanol	NE	NE	NE	NE		23	34	14
Unknown alkane	NE	NE	NE	NE				
Unknown alkane	NE	NE	NE	NE				
Unknown alkane	NE	NE	NE	NE				
Unknown Ketone	NE	NE	NE	NE		5.8 T J		
tert-Butyldimethylsilanol	NE	NE	NE	NE				
tert-Amyl methylether	NE	NE	NE	NE				15
Acetaldehyde	NE	NE	NE	0.45				

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB109	SB110	SB110	SB110
Laboratory ID No.					580-27282-24	580-27282-25	580-27282-26	580-27282-27
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			10.5 - 11.5	1.0 - 2.0	11.0 - 12.0	15.0 - 16.0
Analytical Parameter								
Methyl acetate	NE	NE	80,000,000	3,200		11		5.5
1,3-Dichloro-2-methyl-propene	NE	NE	NE	NE		17 T J N		
2-Pentanone-3-methyl-	NE	NE	NE	NE		6.1 T J N		
3-Penten-2-one, 4-methyl-	NE	NE	NE	NE		16 T J N		
Cyclohexane, 1,1,3-trimethyl-	NE	NE	NE	NE				
1-Hexene, 2,5,5-trimethyl-	NE	NE	NE	NE				
Heptane, 2,5-dimethyl-	NE	NE	NE	NE				
2-Hexene, 3,4,4-trimethyl-	NE	NE	NE	NE				
Cyclohexane, propyl-	NE	NE	NE	NE				
Nonane, 4-methyl	NE	NE	NE	NE				
Decane	NE	NE	NE	NE				
Undecane	NE	NE	NE	NE				
1H-Indene, octahydro-, cis	NE	NE	NE	NE				
Cyclohexane, 1,ethyl-2,4-dimethyl-	NE	NE	NE	NE				
2-Hexyl-1-octanol	NE	NE	NE	NE				
Octane, 3-methyl-	NE	NE	NE	NE				
Cyclohexane, methyl-	NE	NE	NE	NE				
3-Nonene, 3-methyl-, E	NE	NE	NE	NE				
Decane, 4-methyl-	NE	NE	NE	NE				
Cyclohexane, 1,1-dimethyl-	NE	NE	NE	NE				
4-Hexen-1-ol, 5-methyl-2-(1-methylethenyl	NE	NE	NE	NE				
Total VOC TICs	NE	NE	NE	NE	0	545.1	756.1	313.9

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB111	SB111	SB111
Laboratory ID No.					580-27282-28	580-27282-29	580-27282-30
Date Sampled					7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			0.75 - 1.75	4.25 - 5.25	9.5 - 10.5
Analytical Parameter							
Volatile Organic Compounds (µg/Kg)							
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (31) H	ND (39) H	ND (1.0)
Chloromethane	NE	NE	NE	49	ND (310) H	ND (390) H	ND (1.0)
Vinyl chloride	NE	NE	240,000	0.0053	ND (6.3) H	ND (7.9) H	ND (1.0)
Bromomethane	NE	NE	110,000	1.8	ND (110) H	ND (140) H	ND (1.0)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	ND (310) H	ND (390) H	ND (1.0)
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (31) H	ND (39) H	ND (1.0)
1,1-Dichloroethene	NE	NE	4,000,000	93	17 H	ND (20) H	ND (5.1)
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (31) H	ND (39) H	ND (15)
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (31) H	ND (39) H	ND (1.0)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	ND (31) H	ND (39) H	ND (1.0)
2,2-Dichloropropane	NE	NE	NE	NE	ND (31) H	ND (39) H	ND (1.0)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (31) H	ND (39) H	ND (1.0)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (31) H	ND (39) H	ND (1.0)
Chloroform	NE	NE	800,000	0.053	ND (31) H	ND (39) H	ND (1.0)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (16) H	ND (20) H	ND (1.0)
1,1-Dichloropropene	NE	NE	NE	NE	ND (31) H	ND (39) H	ND (1.0)
Benzene	30	30	18,000	0.20	ND (13) H	ND (16) H	ND (1.0)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (31) H	ND (39) H	ND (1.0)
Trichloroethene	30	30	12,000	0.16	83 H	61 H	ND (1.0)
1,2-Dichloropropane	NE	NE	NE	0.13	ND (9.4) H	ND (12) H	ND (1.0)
Acetone	NE	NE	72,000,000	2,400	460 H	490 H	160
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (31) H	ND (39) H	ND (1.0)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (31) H	ND (39) H	ND (1.0)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (13) H	ND (16) H	ND (1.0)
Toluene	7,000	7,000	6,400,000	590	170 H	100 H	ND (2.0)
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (13) H	ND (16) H	ND (1.0)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (9.4) H	ND (12) H	ND (1.0)
Tetrachloroethene	50	50	480,000	4.4	1,200 H	700 H	ND (1.0)
1,3-Dichloropropane	NE	NE	NE	99	ND (31) H	ND (39) H	ND (1.0)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (31) H	ND (39) H	ND (1.0)
Ethylene dibromide (EDB)	5	5	500	NE	ND (31) H	ND (39) H	ND (1.0)
Chlorobenzene	NE	NE	1,600,000	49	ND (31) H	ND (39) H	ND (1.0)
Ethylbenzene	6,000	6,000	8,000,000	1.5	200 H	130 H	ND (1.0)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (31) H	ND (39) H	ND (1.0)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND (7.9) H	ND (9.9) H	ND (2.0)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	ND (310) H	ND (390) H	36
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	1,000 H	630 H	ND (2.0)
o-Xylene	9,000 a	9,000 a	16,000,000	190	620 H	380 H	ND (1.0)
Styrene	NE	NE	16,000,000	1,200	ND (31) H	ND (39) H	ND (2.0)
Bromoform	NE	NE	130,000	2.1	ND (31) H	ND (39) H	ND (1.0)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	220 H	140 H	ND (2.0)
Bromobenzene	NE	NE	NE	36	ND (31) H	ND (39) H	ND (2.0)
N-Propylbenzene	NE	NE	8,000,000	990	470 H	330 H	ND (1.0)
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (31) H	ND (39) H	ND (1.0)

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB111	SB111	SB111
Laboratory ID No.					580-27282-28	580-27282-29	580-27282-30
Date Sampled					7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			0.75 - 1.75	4.25 - 5.25	9.5 - 10.5
Analytical Parameter							
2-Chlorotoluene	NE	NE	1,600,000	170	ND (31) H	ND (39) H	ND (2.0)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	1,900 H	1,200 H	ND (5.1)
4-Chlorotoluene	NE	NE	NE	180	ND (31) H	ND (39) H	ND (2.0)
tert-Butylbenzene	NE	NE	NE	NE	ND (31) H	ND (39) H	ND (2.0)
1,2,4-Trimethylbenzene	NE	NE	NE	21	4,400 H	2,900 H	4.1
sec-Butylbenzene	NE	NE	NE	NE	370 H	230 H	ND (2.0)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (31) H	ND (39) H	ND (1.0)
4-Isopropyltoluene	NE	NE	NE	NE	770 H	500 H	ND (2.0)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (31) H	ND (39) H	ND (1.0)
n-Butylbenzene	NE	NE	NE	2,500	830 H	550 H	ND (2.0)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (31) H	62 H	ND (1.0)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND (160) H	ND (200) H	ND (2.0)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (31) H	ND (39) H	ND (2.0)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND (31) H	ND (39) H	ND (2.0)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (31) H	ND (39) H	ND (1.0)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	390 H	210 H	ND (5.1)
Naphthalene	5,000	5,000	1,600,000	0.47	500 H	430 H	ND (5.1)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (31) H	ND (39) H	ND (1.0)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND (160) H	ND (200) H	ND (5.1)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	ND (31) H	ND (39) H	ND (1.0)
VOC TICs (µg/Kg)							
Unknown	NE	NE	NE	NE	1,600 T H J		
Unknown	NE	NE	NE	NE			
Unknown	NE	NE	NE	NE		2,600 T H J	
2-Ethyl-1-Hexanol	NE	NE	NE	NE			
Benzene, 1,3,5-trimethyl-	NE	NE	NE	NE		3,000 T H J N	
Carbon disulfide	NE	NE	8,000,000	210			
Unknown Hydrocarbon	NE	NE	NE	NE			
Unknown Hydrocarbon	NE	NE	NE	NE			
Unknown Hydrocarbon	NE	NE	NE	NE			
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE			
Isobutyl alcohol	NE	NE	24,000,000	950			
2-Methyl-2-propanol	NE	NE	NE	NE			
Unknown alkane	NE	NE	NE	NE			
Unknown alkane	NE	NE	NE	NE			
Unknown alkane	NE	NE	NE	NE			
Unknown Ketone	NE	NE	NE	NE			
tert-Butyldimethylsilanol	NE	NE	NE	NE			
tert-Amyl methylether	NE	NE	NE	NE			
Acetaldehyde	NE	NE	NE	0.45			

Table 2
Soil Analytical Results - VOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB111	SB111	SB111
Laboratory ID No.					580-27282-28	580-27282-29	580-27282-30
Date Sampled					7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted Land Use	Industrial Properties			0.75 - 1.75	4.25 - 5.25	9.5 - 10.5
Analytical Parameter							
Methyl acetate	NE	NE	80,000,000	3,200			
1,3-Dichloro-2-methyl-propene	NE	NE	NE	NE			
2-Pentanone-3-methyl-	NE	NE	NE	NE			
3-Penten-2-one, 4-methyl-	NE	NE	NE	NE			
Cyclohexane, 1,1,3-trimethyl-	NE	NE	NE	NE	2,100 T H J N		
1-Hexene, 2,5,5-trimethyl-	NE	NE	NE	NE	3,700 T H J N		
Heptane, 2,5-dimethyl-	NE	NE	NE	NE	2,200 T H J N		
2-Hexene, 3,4,4-trimethyl-	NE	NE	NE	NE	1,000 T H J N		
Cyclohexane, propyl-	NE	NE	NE	NE	1,100 T H J N		
Nonane, 4-methyl	NE	NE	NE	NE	1,000 T H J N		
Decane	NE	NE	NE	NE	3,700 T H J N		
Undecane	NE	NE	NE	NE	1,200 T H J N		
1H-Indene, octahydro-, cis	NE	NE	NE	NE	1,900 T H J N		
Cyclohexane, 1,ethyl-2,4-dimethyl-	NE	NE	NE	NE		1,800 T H J N	
2-Hexyl-1-octanol	NE	NE	NE	NE		3,800 T H J N	
Octane, 3-methyl-	NE	NE	NE	NE		2,500 T H J N	
Cyclohexane, methyl-	NE	NE	NE	NE		2,200 T H J N	
3-Nonene, 3-methyl-, E	NE	NE	NE	NE		2,200 T H J N	
Decane, 4-methyl-	NE	NE	NE	NE		4,400 T H J N	
Cyclohexane, 1,1-dimethyl-	NE	NE	NE	NE		1,600 T H J N	
4-Hexen-1-ol, 5-methyl-2-(1-methylethenyl	NE	NE	NE	NE		2,200 T H J N	
Total VOC TICs	NE	NE	NE	NE	19,500	26,300	0

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB112	SB112	SB113	SB113
Laboratory ID No.				Risk-	580-27282-31	580-27282-32	580-27282-33	580-27282-35
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.25 - 1.25	6.0 - 7.0	0.25 - 1.25	4.5 - 5.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
Volatile Organic Compounds (µg/Kg)								
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Chloromethane	NE	NE	NE	49	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Vinyl chloride	NE	NE	240,000	0.0053	ND (0.96)	**89**	ND (0.88)	**2.9**
Bromomethane	NE	NE	110,000	1.8	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	ND (0.96)	**1,600 H**	ND (0.88)	**21**
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,1-Dichloroethene	NE	NE	4,000,000	93	ND (4.8)	ND (7.1)	ND (4.4)	ND (4.5)
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (14)	ND (21)	ND (13)	ND (14)
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	ND (0.96)	**18**	ND (0.88)	**77**
2,2-Dichloropropane	NE	NE	NE	NE	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Chloroform	NE	NE	800,000	0.053	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,1-Dichloropropene	NE	NE	NE	NE	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Benzene	30	30	18,000	0.20	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (0.96)	1.4	ND (0.88)	ND (0.90)
Trichloroethene	30	30	12,000	0.16	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,2-Dichloropropane	NE	NE	NE	0.13	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Acetone	NE	NE	72,000,000	2,400	**37**	**320**	ND (13)	**86**
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Toluene	7,000	7,000	6,400,000	590	ND(1.9)	**4.7**	ND (1.8)	ND (1.8)
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Tetrachloroethene	50	50	480,000	4.4	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,3-Dichloropropane	NE	NE	NE	99	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Ethylene dibromide (EDB)	5	5	500	NE	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Chlorobenzene	NE	NE	1,600,000	49	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	**5.9**	**75**	ND (4.4)	**13**
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (0.96)	**2.8**	ND (0.88)	ND (0.90)
Styrene	NE	NE	16,000,000	1,200	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
Bromoform	NE	NE	130,000	2.1	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
Bromobenzene	NE	NE	NE	36	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB112	SB112	SB113	SB113
Laboratory ID No.				Risk-	580-27282-31	580-27282-32	580-27282-33	580-27282-35
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.25 - 1.25	6.0 - 7.0	0.25 - 1.25	4.5 - 5.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
N-Propylbenzene	NE	NE	8,000,000	990	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
2-Chlorotoluene	NE	NE	1,600,000	170	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND (4.8)	ND (7.1)	ND(4.4)	ND (4.5)
4-Chlorotoluene	NE	NE	NE	180	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
tert-Butylbenzene	NE	NE	NE	NE	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
sec-Butylbenzene	NE	NE	NE	NE	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
4-Isopropyltoluene	NE	NE	NE	NE	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
n-Butylbenzene	NE	NE	NE	2,500	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND (1.9)	ND (2.8)	ND (1.8)	ND (1.8)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND(1.9)	ND (2.8)	ND (1.8)	ND (1.8)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	ND (4.8)	ND (7.1)	ND(4.4)	ND (4.5)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (4.8)	ND (7.1)	ND(4.4)	ND (4.5)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (0.96)	ND (1.4)	ND (0.88)	ND (0.90)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND (4.8)	ND (7.1)	ND(4.4)	ND(4.5)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	ND (0.96)	2.7	ND (0.88)	ND (0.90)

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB112	SB112	SB113	SB113
Laboratory ID No.				Risk-	580-27282-31	580-27282-32	580-27282-33	580-27282-35
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.25 - 1.25	6.0 - 7.0	0.25 - 1.25	4.5 - 5.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
VOC TICs (µg/Kg)								
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE				
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	NE	NE				
Carbon disulfide	NE	NE	8,000,000	210				1.2
Disiloxane, hexamethyl-	NE	NE	NE	NE		54 T J N		
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				
Hexane	NE	NE	4,800,000	1,800		9.4		
Acetaldehyde	NE	NE	NE	0.45		13 T J N		
trans-1,4-Dichloro-2-butene	NE	NE	NE	NE				
Indane	NE	NE	NE	NE				
Total VOC TICs	NE	NE	NE	NE	0	76.4	0	1.2

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB114	SB114	SB115	SB115
Laboratory ID No.					580-27282-36	580-27282-37	580-27282-38	580-27282-39
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	0.25 - 1.25	4.0 - 5.0	0.25 - 1.25	3.0 - 4.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
Volatile Organic Compounds (µg/Kg)								
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Chloromethane	NE	NE	NE	49	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Vinyl chloride	NE	NE	240,000	0.0053	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Bromomethane	NE	NE	110,000	1.8	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	ND (0.87)	1.7	ND (0.84)	ND (0.94)
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,1-Dichloroethene	NE	NE	4,000,000	93	ND (4.3)	ND (5.3)	ND (4.2)	ND (4.7)
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (13)	ND (16)	ND (13)	ND (14)
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	ND (0.87)	10	ND (0.84)	1.6
2,2-Dichloropropane	NE	NE	NE	NE	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Chloroform	NE	NE	800,000	0.053	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,1-Dichloropropene	NE	NE	NE	NE	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Benzene	30	30	18,000	0.20	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Trichloroethene	30	30	12,000	0.16	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,2-Dichloropropane	NE	NE	NE	0.13	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Acetone	NE	NE	72,000,000	2,400	ND (13)	87	ND (13)	ND (14)
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Toluene	7,000	7,000	6,400,000	590	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Tetrachloroethene	50	50	480,000	4.4	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,3-Dichloropropane	NE	NE	NE	99	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Ethylene dibromide (EDB)	5	5	500	NE	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Chlorobenzene	NE	NE	1,600,000	49	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	ND (4.3)	14	ND (4.2)	ND (4.7)
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Styrene	NE	NE	16,000,000	1,200	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
Bromoform	NE	NE	130,000	2.1	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
Bromobenzene	NE	NE	NE	36	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB114	SB114	SB115	SB115
Laboratory ID No.					580-27282-36	580-27282-37	580-27282-38	580-27282-39
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	0.25 - 1.25	4.0 - 5.0	0.25 - 1.25	3.0 - 4.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
N-Propylbenzene	NE	NE	8,000,000	990	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
2-Chlorotoluene	NE	NE	1,600,000	170	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND(4.3)	ND (5.3)	ND (4.2)	ND (4.7)
4-Chlorotoluene	NE	NE	NE	180	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
tert-Butylbenzene	NE	NE	NE	NE	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
sec-Butylbenzene	NE	NE	NE	NE	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
4-Isopropyltoluene	NE	NE	NE	NE	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
n-Butylbenzene	NE	NE	NE	2,500	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND (1.7)	ND (2.1)	ND (1.7)	ND(1.9)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	ND(4.3)	ND (5.3)	ND (4.2)	ND (4.7)
Naphthalene	5,000	5,000	1,600,000	0.47	ND(4.3)	ND (5.3)	ND (4.2)	ND (4.7)
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND(4.3)	ND (5.3)	ND (4.2)	ND (4.7)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	ND (0.87)	ND (1.1)	ND (0.84)	ND (0.94)

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB114	SB114	SB115	SB115
Laboratory ID No.				Risk-	580-27282-36	580-27282-37	580-27282-38	580-27282-39
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.25 - 1.25	4.0 - 5.0	0.25 - 1.25	3.0 - 4.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
VOC TICs (µg/Kg)								
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE				
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	NE	NE				
Carbon disulfide	NE	NE	8,000,000	210				
Disiloxane, hexamethyl-	NE	NE	NE	NE				
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE				
Hexane	NE	NE	4,800,000	1,800				
Acetaldehyde	NE	NE	NE	0.45				
trans-1,4-Dichloro-2-butene	NE	NE	NE	NE				
Indane	NE	NE	NE	NE				
Total VOC TICs	NE	NE	NE	NE	0	0	0	0

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB116	SB116
Laboratory ID No.				Risk-	580-27282-40	580-27282-42
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.5 - 1.5	6.5 - 7.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater		
Volatile Organic Compounds (µg/Kg)						
Dichlorodifluoromethane	NE	NE	16,000,000	300	ND (0.99)	ND (0.89)
Chloromethane	NE	NE	NE	49	ND (0.99)	ND (0.89)
Vinyl chloride	NE	NE	240,000	0.0053	ND (0.99)	ND (0.89)
Bromomethane	NE	NE	110,000	1.8	ND (0.99)	ND (0.89)
Chloroethane (ethyl chloride)	NE	NE	NE	5,900	1.9	26
Trichlorofluoromethane	NE	NE	24,000,000	690	ND (0.99)	ND (0.89)
1,1-Dichloroethene	NE	NE	4,000,000	93	ND (5.0)	75
Methylene chloride (Dichloromethane)	20	20	130,000	2.5	ND (15)	ND (13)
trans-1,2-Dichloroethene	NE	NE	1,600,000	25	ND (0.99)	ND (0.89)
1,1-Dichloroethane	NE	NE	16,000,000	0.68	ND (1.0)	150 H
2,2-Dichloropropane	NE	NE	NE	NE	ND (0.99)	ND (0.89)
cis-1,2-Dichloroethene	NE	NE	160,000	8.2	ND (0.99)	ND (0.89)
Chlorobromomethane (Bromochloromethane)	NE	NE	NE	21	ND (0.99)	ND (0.89)
Chloroform	NE	NE	800,000	0.053	ND (0.99)	ND (0.89)
Carbon tetrachloride	NE	NE	14,000	0.15	ND (0.99)	ND (0.89)
1,1-Dichloropropene	NE	NE	NE	NE	ND (0.99)	ND (0.89)
Benzene	30	30	18,000	0.20	ND (0.99)	1.3
1,2-Dichloroethane (EDC)	NE	NE	11,000	0.042	ND (0.99)	ND (0.89)
Trichloroethene	30	30	12,000	0.16	ND (0.99)	11
1,2-Dichloropropane	NE	NE	NE	0.13	ND (0.99)	ND (0.89)
Acetone	NE	NE	72,000,000	2,400	ND (16)	40
Dibromomethane (methylene bromide)	NE	NE	800,000	1.9	ND (0.99)	ND (0.89)
Dichlorobromomethane (bromodichloromethane)	NE	NE	16,000	0.032	ND (0.99)	ND (0.89)
cis-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.99)	ND (0.89)
Toluene	7,000	7,000	6,400,000	590	ND(2.0)	44
trans-1,3-Dichloropropene	NE	NE	10,000 c	0.15 c	ND (0.99)	ND (0.89)
1,1,2-Trichloroethane	NE	NE	18,000	0.077	ND (0.99)	ND (0.89)
Tetrachloroethene	50	50	480,000	4.4	ND (0.99)	18
1,3-Dichloropropane	NE	NE	NE	99	ND (0.99)	ND (0.89)
Chlorodibromomethane (dibromochloromethane)	NE	NE	12,000	0.039	ND (0.99)	ND (0.89)
Ethylene dibromide (EDB)	5	5	500	NE	ND (0.99)	ND (0.89)
Chlorobenzene	NE	NE	1,600,000	49	ND (0.99)	ND (0.89)
Ethylbenzene	6,000	6,000	8,000,000	1.5	ND (0.99)	9.6
1,1,1,2-Tetrachloroethane	NE	NE	38,000	0.19	ND (0.99)	ND (0.89)
1,1,2,2-Tetrachloroethane	NE	NE	500	0.026	ND(2.0)	ND (1.8)
2-Butanone (methyl ethyl ketone / MEK)	NE	NE	48,000,000	1,000	7.0	14
m-Xylene & p-Xylene	9,000 a	9,000 a	16,000,000	180	ND(2.0)	48
o-Xylene	9,000 a	9,000 a	16,000,000	190	ND (0.99)	33
Styrene	NE	NE	16,000,000	1,200	ND(2.0)	ND (1.8)
Bromoform	NE	NE	130,000	2.1	ND (0.99)	ND (0.89)
Isopropylbenzene (cumene)	NE	NE	8,000,000	640	ND(2.0)	18
Bromobenzene	NE	NE	NE	36	ND(2.0)	ND (1.8)

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB116	SB116
Laboratory ID No.				Risk-	580-27282-40	580-27282-42
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.5 - 1.5	6.5 - 7.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater		
N-Propylbenzene	NE	NE	8,000,000	990	ND (0.99)	79
1,2,3-Trichloropropane	NE	NE	33	0.00028	ND (0.99)	ND (0.89)
2-Chlorotoluene	NE	NE	1,600,000	170	ND(2.0)	ND (1.8)
1,3,5-Trimethylbenzene	NE	NE	800,000	120	ND (5.0)	**140 H**
4-Chlorotoluene	NE	NE	NE	180	ND(2.0)	ND (1.8)
tert-Butylbenzene	NE	NE	NE	NE	ND(2.0)	ND (1.8)
1,2,4-Trimethylbenzene	NE	NE	NE	21	ND(2.0)	**460 H**
sec-Butylbenzene	NE	NE	NE	NE	ND(2.0)	**9.7**
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (0.99)	ND (0.89)
4-Isopropyltoluene	NE	NE	NE	NE	ND(2.0)	**6.0**
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (0.99)	ND (0.89)
n-Butylbenzene	NE	NE	NE	2,500	ND(2.0)	**110**
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (0.99)	ND (0.89)
1,2-Dibromo-3-Chloropropane (DBCP)	NE	NE	1,300	0.00014	ND(2.0)	ND (1.8)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND(2.0)	ND (1.8)
1,2,3-Trichlorobenzene	NE	NE	NE	15	ND(2.0)	ND (1.8)
Hexachlorobutadiene	NE	NE	13,000	0.5	ND (0.99)	ND (0.89)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NE	NE	6,400,000	230	**10**	ND(4.5)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (5.0)	**9.0**
Methyl tert-butyl ether (MTBE)	100	100	NE	2.8	ND (0.99)	ND (0.89)
2-Hexanone (methyl butyl ketone / MBK)	NE	NE	NE	7.9	ND (5.0)	ND(4.5)
1,1,1-Trichloroethane	2,000	2,000	160,000,000	2,600	1.1	**690 H**

Table 3
Soil Analytical Results - VOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB116	SB116
Laboratory ID No.					580-27282-40	580-27282-42
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.5 - 1.5	6.5 - 7.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater		
VOC TICs (µg/Kg)						
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE		350 T J N
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	NE	NE		19
Carbon disulfide	NE	NE	8,000,000	210		5.0
Disiloxane, hexamethyl-	NE	NE	NE	NE		
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE		100 T J
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE		120 T J
Unknown Aromatic Hydrocarbon	NE	NE	NE	NE		54 T J
Hexane	NE	NE	4,800,000	1,800		140
Acetaldehyde	NE	NE	NE	0.45		
trans-1,4-Dichloro-2-butene	NE	NE	NE	NE		19
Indane	NE	NE	NE	NE		76 T J N
Total VOC TICs	NE	NE	NE	NE	0	883

Legend:
Highlighted values equal or exceed MTCA Method A standard.
µg/Kg = microgram per kilogram.
B = The analyte was found in the laboratory method blank as well as in the sample.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Internal standard (ISTD) response or retention time outside acceptable limits.
a = Listed as total Xylenes.
c = Listed as 1,3-Dichloropropene.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 4
Soil Analytical Results - VOCs
Trip and Field Blanks
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	FB	TB
Laboratory ID No.	580-27282-43	580-27282-44
Date Sampled	7/6/2011	7/6/2011
Analytical Parameter		
Volatile Organic Compounds (units)	(µg/l)	(µg/Kg)
Dichlorodifluoromethane	ND (1.0)	ND (1.0)
Chloromethane	ND (5.0)	ND (1.0)
Vinyl chloride	ND (1.0)	ND (1.0)
Bromomethane	ND (5.0)	ND (1.0)
Chloroethane (ethyl chloride)	ND (5.0)	ND (1.0)
Trichlorofluoromethane	ND (1.0)	ND (1.0)
1,1-Dichloroethene	ND (1.0)	ND (5.0)
Methylene chloride (Dichloromethane)	ND (3.0)	ND (15)
trans-1,2-Dichloroethene	ND (1.0)	ND (1.0)
1,1-Dichloroethane	ND (1.0)	ND (1.0)
2,2-Dichloropropane	ND (1.0)	ND (1.0)
cis-1,2-Dichloroethene	ND (1.0)	ND (1.0)
Chlorobromomethane (Bromochloromethane)	ND (1.0)	ND (1.0)
Chloroform	ND (1.0)	ND (1.0)
Carbon tetrachloride	ND (1.0)	ND (1.0)
1,1-Dichloropropene	ND (1.0)	ND (1.0)
Benzene	ND (1.0)	ND (1.0)
1,2-Dichloroethane (EDC)	ND (1.0)	ND (1.0)
Trichloroethene	ND (1.0)	ND (1.0)
1,2-Dichloropropane	ND (1.0)	ND (1.0)
Acetone	ND (10)	ND (15)
Dibromomethane (methylene bromide)	ND (1.0)	ND (1.0)
Dichlorobromomethane (bromodichloromethane)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	ND (1.0)	ND (1.0)
Toluene	ND (1.0)	ND (2.0)
trans-1,3-Dichloropropene	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	ND (1.0)	ND (1.0)
Tetrachloroethene	ND (1.0)	ND (1.0)
1,3-Dichloropropane	ND (1.0)	ND (1.0)
Chlorodibromomethane (dibromochloromethane)	ND (1.0)	ND (1.0)
Ethylene dibromide (EDB)	ND (1.0)	ND (1.0)
Chlorobenzene	ND (1.0)	ND (1.0)
Ethylbenzene	ND (1.0)	ND (1.0)
1,1,1,2-Tetrachloroethane	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	ND (1.0)	ND (2.0)
2-Butanone (methyl ethyl ketone / MEK)	ND (10)	ND (5.0)
m-Xylene & p-Xylene	ND (2.0)	ND (2.0)
o-Xylene	ND (1.0)	ND (1.0)
Styrene	ND (1.0)	ND (2.0)
Bromoform	ND (1.0)	ND (1.0)
Isopropylbenzene (cumene)	ND (1.0)	ND (2.0)
Bromobenzene	ND (1.0)	ND (2.0)
N-Propylbenzene	ND (1.0)	ND (1.0)
1,2,3-Trichloropropane	ND (1.0)	ND (1.0)
2-Chlorotoluene	ND (1.0)	ND (2.0)
1,3,5-Trimethylbenzene	ND (1.0)	ND (5.0)
4-Chlorotoluene	ND (1.0)	ND (2.0)
tert-Butylbenzene	ND (1.0)	ND (2.0)
1,2,4-Trimethylbenzene	ND (1.0)	ND (2.0)
sec-Butylbenzene	ND (1.0)	ND (2.0)
1,3-Dichlorobenzene	ND (1.0)	ND (1.0)
4-Isopropyltoluene	ND (1.0)	ND (2.0)
1,4-Dichlorobenzene	ND (1.0)	ND (1.0)
n-Butylbenzene	ND (1.0)	ND (2.0)
1,2-Dichlorobenzene	ND (1.0)	ND (1.0)
1,2-Dibromo-3-Chloropropane (DBCP)	ND (2.0)	ND (2.0)
1,2,4-Trichlorobenzene	ND (1.0)	ND (2.0)
1,2,3-Trichlorobenzene	ND (1.0)	ND (2.0)
Hexachlorobutadiene	ND (1.0)	ND (1.0)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	ND (5.0)	ND (5.0)
Naphthalene	ND (1.0)	ND (5.0)

Table 4
Soil Analytical Results - VOCs
Trip and Field Blanks
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	FB	TB
Laboratory ID No.	580-27282-43	580-27282-44
Date Sampled	7/6/2011	7/6/2011
Analytical Parameter		
Methyl tert-butyl ether (MTBE)	ND (1.0)	ND (1.0)
2-Hexanone (methyl butyl ketone / MBK)	ND (5.0)	ND (5.0)
1,1,1-Trichloroethane	ND (1.0)	ND (1.0)
VOC TICs (µg/Kg)		
Unknown	5.4 T J	
Total VOC TICs	5.4	0

Legend:
µg/Kg = microgram per kilogram.
µg/l = microgram per liter.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
ND (XX) = Not detected at reported concentration.
NE = Not established.

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB101	SB101	SB101	SB101	SB102
Laboratory ID No.					580-27282-1	580-27282-2	580-27282-3	580-27282-4	580-27282-5
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.75 - 1.75	3.5-4.5	6.5-7.5	10.0-11.0	0.75 - 1.75
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater					
Semi-Volatile Organic Compounds (µg/Kg)									
Phenol	NE	NE	24,000,000	2,600	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
2-Chlorophenol	NE	NE	400,000	57	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (49)	ND (55)	ND (56)	ND (68)	ND (52)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (49)	ND (55)	ND (56)	ND (68)	ND (52)
Benzyl alcohol	NE	NE	8,000,000	370	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (54)	ND (61)	ND (62)	ND (75)	ND (57)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (200)	ND (220)	ND (230)	ND (270)	ND (210)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Hexachloroethane	NE	NE	71,000	0.48	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Nitrobenzene	NE	NE	160,000	0.079	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Isophorone	NE	NE	1,100,000	22	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
2-Nitrophenol	NE	NE	NE	NE	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,500)	ND (2,800)	ND (2,800)	ND (3,400)	ND (2,600)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (49)	ND (55)	ND (56)	ND (68)	ND (52)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (20)	**150**	**150**	**200**	ND (21)
4-Chloroaniline	NE	NE	5,000	0.13	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (49)	ND (55)	ND (56)	ND (68)	ND (52)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
2-Methylnaphthalene	NE	NE	320,000	140	ND (20)	**180**	**150**	**57**	ND (21)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (30)	**140**	**99**	ND (41)	ND (31)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (150)	ND (170)	ND (170)	ND (200)	ND (160)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (20)	ND (22)	ND (23)	ND (27)	ND (21)
2-Nitroaniline	NE	NE	800,000	62	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Dimethyl phthalate	NE	NE	NE	NE	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Acenaphthylene	NE	NE	NE	NE	ND (20)	ND (22)	ND (23)	ND (27)	ND (21)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
3-Nitroaniline	NE	NE	NE	NE	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Acenaphthene	NE	NE	4,800,000	4,100	ND (20)	ND (22)	ND (23)	ND (27)	ND (21)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (990)	ND (1,100)	ND (1,100)	ND (1,400)	ND (1,000)
4-Nitrophenol	NE	NE	NE	NE	ND (990)	ND (1,100)	ND (1,100)	ND (1,400)	ND (1,000)
Dibenzofuran	NE	NE	80,000	NE	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (200)	ND (220)	ND (230)	ND (270)	ND (210)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Fluorene	NE	NE	3,200,000	4,000	ND (20)	ND (22)	**53**	ND (27)	ND (21)

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB101	SB101	SB101	SB101	SB102
Laboratory ID No.					580-27282-1	580-27282-2	580-27282-3	580-27282-4	580-27282-5
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.75 - 1.75	3.5-4.5	6.5-7.5	10.0-11.0	0.75 - 1.75
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater					
4-Nitroaniline	NE	NE	NE	1.4	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (990)	ND (1,100)	ND (1,100)	ND (1,400)	ND (1,000)
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (49)	ND (55)	ND (56)	ND (68)	ND (52)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Hexachlorobenzene	NE	NE	630	0.53	ND (49)	ND (55)	ND (56)	ND (68)	ND (52)
Pentachlorophenol	NE	NE	25,000	1.7	ND (200)	ND (220)	ND (230)	ND (270)	ND (210)
Phenanthrene	NE	NE	NE	NE	ND (20)	300	220	ND (27)	ND (21)
Anthracene	NE	NE	24,000,000	42,000	ND (20)	ND (22)	ND (23)	ND (27)	ND (21)
Carbazole	NE	NE	NE	NE	ND (99)	ND (110)	ND (110)	ND (140)	ND (100)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (490)	ND (550)	ND (560)	ND (680)	ND (520)
Fluoranthene	NE	NE	3,200,000	70,000	ND (20)	ND (22)	ND (23)	ND (27)	ND (21)
Pyrene	NE	NE	2,400,000	9,500	ND (20)	ND (22)	ND (23)	ND (27)	ND (21)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (200)	ND (220)	ND (230)	ND (270)	ND (210)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (200)	ND (220)	ND (230)	ND (270)	ND (210)
Benzo(a)anthracene	NE	NE	NE	10	ND (20)	ND (22)	ND (23)	ND (27)	ND (21)
Chrysene	NE	NE	NE	1,100	ND (25)	ND (28)	ND (28)	ND (34)	ND (26)
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	ND (590)	ND (670)	ND (680)	ND (820)	ND (620)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (250)	ND (280)	ND (280)	ND (340)	ND (260)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (490)	ND (550)	ND (560)	ND (680)	ND (520)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (20)	ND (22)	ND (23)	ND (27)	ND (21)
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (25)	ND (28)	ND (28)	ND (34)	ND (26)
Benzo(a)pyrene	100	2,000	140	3.5	ND (30)	ND (33)	ND (34)	ND (41)	ND (31)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (40)	ND (44)	ND (45)	ND (54)	ND (42)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (40)	ND (44)	ND (45)	ND (54)	ND (42)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (25)	ND (28)	ND (28)	ND (34)	ND (26)
SVOC TICs (µg/Kg)									
p-Xylene	9,000 a	9,000 a	16,000,000	180		5,400 T J N			
Benzene, (1-methylethyl)-	NE	NE	NE	NE		3,300 T J N	3,800 T J N		
Benzene, propyl-	NE	NE	NE	990		9,700 T J N	11,000 T J N		
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE		41,000 T J N			
Benzene, 1,2,3-trimethyl-	NE	NE	NE	NE		37,000 T J N			
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE		15,000 T J N	50,000 T J N		
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE			23,000 T J N		
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE			23,000 T J N		
Benzene, cyclopropyl-	NE	NE	NE	NE		2,200 T J N	3,600 T J N		
Benzene, 1-ethyl-2,3-dimethyl-	NE	NE	NE	NE		1,800 T J N	2,100 T J N		
Benzene, 1,3-diethyl-	NE	NE	NE	NE		14,000 T J N	12,000 T J N		
Benzene, 1-methyl-4-(1-methylethyl)-	NE	NE	NE	NE		13,000 T J N			
Benzene, 1-methyl-3-(1-methylethyl)-	NE	NE	NE	NE					
1,3-Dithiolane, 2-benzyl-2-methyl-	NE	NE	NE	NE		2,200 T J N			
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE		7,800 T J N	6,700 T J N		
Hexanoic Acid, 2-ethyl-	NE	NE	NE	NE		1,600 T J N			

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB101	SB101	SB101	SB101	SB102
Laboratory ID No.					580-27282-1	580-27282-2	580-27282-3	580-27282-4	580-27282-5
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	0.75 - 1.75	3.5-4.5	6.5-7.5	10.0-11.0	0.75 - 1.75
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater					
Nonadecane	NE	NE	NE	NE		1,500 T J N			
2-Pentanone, 4-hydroxy-4-methyl-	NE	NE	NE	NE			2,500 T J N		
Benzene, 1,3-dimethyl-	NE	NE	NE	NE			5,300 T J N		
Butane, 2,3-dimethoxy-2-methyl-	NE	NE	NE	NE			5,900 T J N		
Benzene, 1,2,4-trimethyl-	NE	NE	NE	NE			44,000 T J N		
Benzene, 1,4-diethyl-	NE	NE	NE	NE			11,000 T J N		
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE					
Docosane	NE	NE	NE	NE			2,800 T J N		
Propane, 1,1-dipropoxy-	NE	NE	NE	NE				180 T J N	
Hexanoic Acid	NE	NE	NE	NE				420 T J N	
1-Propane, 1,1,3-trichloro-2-methyl-	NE	NE	NE	NE				520 T J N	
Nonane	NE	NE	NE	0.66					
Methyl 3,3-dichloropropenoate	NE	NE	NE	NE					
Dodecane	NE	NE	NE	NE					
Tridecane	NE	NE	NE	NE					
Phenol, 2,6-bis(1,1-dimethyl)-	NE	NE	NE	NE					
Pentadecane	NE	NE	NE	NE					
Phenol, 2,4,6-tris(1,1-dimethyl)-	NE	NE	NE	NE					
Pentadecane, 2,6,10,14-tetramethyl-	NE	NE	NE	NE					
Penicillic acid trifluoroacetate	NE	NE	NE	NE					
Tetrachloroethylene	50	50	480,000	4.4					
Benzene, 1-methyl-3-propyl-	NE	NE	NE	NE					
Heptadecane	NE	NE	NE	NE					
Tridecane	NE	NE	NE	NE					
Phenol, 2,4-bis(1,1-dimethyl)-	NE	NE	NE	NE					
4-(1,3)Dioxan-2-yl-3,4-dimethylcylohe x-	NE	NE	NE	NE					
Hexadecane	NE	NE	NE	NE					
Cholestane	NE	NE	NE	NE					
3,5-Dipropyl-1,2,4-trithiolane	NE	NE	NE	NE					
Dodecane, 2,6,10-trimethyl-	NE	NE	NE	NE					
Heptadecane, 9-octyl-	NE	NE	NE	NE					
Heptadecane, 2,6,10,15-tetramethyl-	NE	NE	NE	NE					
1R-.alpha.-Pinene	NE	NE	NE	NE					
Octane, 3,6-dimethyl-	NE	NE	NE	NE					
n-Decane	NE	NE	NE	NE					
Toluene	7,000	7,000	6,400,000	590					
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NE	NE	NE	NE					
Benzene, (1,3,3-trichloro-2-propenyl)-	NE	NE	NE	NE					
Anthracene, 9-methyl-	NE	NE	NE	NE					
Neopentylidenecyclohexane	NE	NE	NE	NE					
Phanthrene, 1-methyl-7-(1-methyl)	NE	NE	NE	NE					
Benzofluoranthene	NE	NE	NE	NE					
5-Ethyldecane	NE	NE	NE	NE					

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB101	SB101	SB101	SB101	SB102
Laboratory ID No.					580-27282-1	580-27282-2	580-27282-3	580-27282-4	580-27282-5
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.75 - 1.75	3.5-4.5	6.5-7.5	10.0-11.0	0.75 - 1.75
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater					
2,5-Cyclohexadiene-1,4-dione, 2,6-bis(1	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE		2,800 T J			
Unknown	NE	NE	NE	NE					
4-Methyl-2-tert-octyphenol	NE	NE	NE	NE					
Phenol, nonyl-	NE	NE	NE	NE					
1,3-Cyclopentadiene, 5,5-Dimethyl-1,2-Di	NE	NE	NE	NE					
1-Pentanone, 1-(4-methoxyphenyl)-,oxime	NE	NE	NE	NE					
Hexylene Glycol	NE	NE	NE	NE					
Octanoic Acid	NE	NE	NE	NE					
Butanoic Acid	NE	NE	NE	NE					
Benzene, 1-ethyl-4-methyl	NE	NE	NE	NE					
Benzene, 4-ethyl-1,2-dimethyl	NE	NE	NE	NE					
n-Decanoic Acid	NE	NE	NE	NE					
Propanoic acid, 2,2-dichloro-, methyl es	NE	NE	NE	NE					
Methyl Isobutyl Ketone	NE	NE	6,400,000	230					
Butanoic Acid, 3-methyl-	NE	NE	NE	NE					
Cyclopropane, (methoxymethyl)-	NE	NE	NE	NE					
Oxirane, hexadecyl-	NE	NE	NE	NE					
Docosane, 11-decyl-	NE	NE	NE	NE					
Total SVOC TICs	NE	NE	NE	NE	0	158,300	206,700	1,120	0

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB102	SB102	SB103	SB103	SB103
Laboratory ID No.					580-27282-6	580-27282-7	580-27282-8	580-27282-9	580-27282-10
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	6.5 -7.5	9.5 -10.5	0.75-1.75	6.5-7.5	9.0-10.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater					
Semi-Volatile Organic Compounds (µg/Kg)									
Phenol	NE	NE	24,000,000	2,600	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
2-Chlorophenol	NE	NE	400,000	57	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (55)	ND (57)	ND (52)	ND (54)	ND (63)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (55)	ND (57)	ND (52)	ND (54)	ND (63)
Benzyl alcohol	NE	NE	8,000,000	370	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (61)	ND (63)	ND (57)	ND (59)	ND (69)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (220)	ND (230)	ND (210)	ND (210)	**270**
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Hexachloroethane	NE	NE	71,000	0.48	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Nitrobenzene	NE	NE	160,000	0.079	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Isophorone	NE	NE	1,100,000	22	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
2-Nitrophenol	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,800)	ND (2,900)	ND (2,600)	ND (2,700)	ND (3,100)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (55)	ND (57)	ND (52)	ND (54)	ND (63)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (22)	**29**	ND (21)	**43**	ND (25)
4-Chloroaniline	NE	NE	5,000	0.13	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (55)	ND (57)	ND (52)	ND (54)	ND (63)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
2-Methylnaphthalene	NE	NE	320,000	140	**22**	**70**	ND (21)	**80**	**25**
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (33)	**48**	ND (31)	**47**	ND (38)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (170)	ND (170)	ND (160)	ND (160)	ND (190)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (22)	ND (23)	ND (21)	ND (21)	ND (25)
2-Nitroaniline	NE	NE	800,000	62	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Dimethyl phthalate	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Acenaphthylene	NE	NE	NE	NE	ND (22)	ND (23)	ND (21)	ND (21)	ND (25)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
3-Nitroaniline	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Acenaphthene	NE	NE	4,800,000	4,100	ND (22)	ND (23)	ND (21)	ND (21)	ND (25)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,100)	ND (1,300)
4-Nitrophenol	NE	NE	NE	NE	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,100)	ND (1,300)
Dibenzofuran	NE	NE	80,000	NE	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (220)	ND (230)	ND (210)	ND (210)	ND (250)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Fluorene	NE	NE	3,200,000	4,000	ND (22)	ND (23)	ND (21)	ND (21)	27

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB102	SB102	SB103	SB103	SB103
Laboratory ID No.					580-27282-6	580-27282-7	580-27282-8	580-27282-9	580-27282-10
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	6.5 -7.5	9.5 -10.5	0.75-1.75	6.5-7.5	9.0-10.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater					
4-Nitroaniline	NE	NE	NE	1.4	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,100)	ND (1,300)
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (55)	ND (57)	ND (52)	ND (54)	ND (63)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Hexachlorobenzene	NE	NE	630	0.53	ND (55)	ND (57)	ND (52)	ND (54)	ND (63)
Pentachlorophenol	NE	NE	25,000	1.7	ND (220)	ND (230)	ND (210)	ND (210)	ND (250)
Phenanthrene	NE	NE	NE	NE	33	81	ND (21)	200	730
Anthracene	NE	NE	24,000,000	42,000	ND (22)	ND (23)	ND (21)	ND (21)	110
Carbazole	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (110)	ND (130)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (550)	ND (570)	ND (520)	ND (540)	ND (630)
Fluoranthene	NE	NE	3,200,000	70,000	ND (22)	ND (23)	ND (21)	ND (21)	900
Pyrene	NE	NE	2,400,000	9,500	ND (22)	ND (23)	ND (21)	ND (21)	780
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (220)	ND (230)	ND (210)	ND (210)	ND (250)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (220)	ND (230)	ND (210)	ND (210)	ND (250)
Benzo(a)anthracene	NE	NE	NE	10	ND (22)	ND (23)	ND (21)	ND (21)	430
Chrysene	NE	NE	NE	1,100	ND (28)	ND (29)	ND (26)	ND (27)	500
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	ND (660)	ND (690)	ND (630)	ND (640)	ND (750)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (280)	ND (290)	ND (260)	ND (270)	ND (310)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (550)	ND (570)	ND (520)	ND (540)	ND (630)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (22)	ND (23)	ND (21)	ND (21)	500
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (28)	ND (29)	ND (26)	ND (27)	210
Benzo(a)pyrene	100	2,000	140	3.5	ND (33)	ND (34)	ND (31)	ND (32)	370
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (44)	ND (46)	ND (42)	ND (43)	220
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (44)	ND (46)	ND (42)	ND (43)	64
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (28)	ND (29)	ND (26)	ND (27)	250
SVOC TICs (µg/Kg)									
p-Xylene	9,000 a	9,000 a	16,000,000	180					
Benzene, (1-methylethyl)-	NE	NE	NE	NE					
Benzene, propyl-	NE	NE	NE	990					
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE	260 T J N	670 T J N			390 T J N
Benzene, 1,2,3-trimethyl-	NE	NE	NE	NE					
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE				600 T J N	
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE					
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE					
Benzene, cyclopropyl-	NE	NE	NE	NE					
Benzene, 1-ethyl-2,3-dimethyl-	NE	NE	NE	NE					
Benzene, 1,3-diethyl-	NE	NE	NE	NE					
Benzene, 1-methyl-4-(1-methylethyl)-	NE	NE	NE	NE					
Benzene, 1-methyl-3-(1-methylethyl)-	NE	NE	NE	NE					
1,3-Dithiolane, 2-benzyl-2-methyl-	NE	NE	NE	NE					
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE					
Hexanoic Acid, 2-ethyl-	NE	NE	NE	NE					

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB102	SB102	SB103	SB103	SB103
Laboratory ID No.					580-27282-6	580-27282-7	580-27282-8	580-27282-9	580-27282-10
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	6.5 -7.5	9.5 -10.5	0.75-1.75	6.5-7.5	9.0-10.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater					
Nonadecane	NE	NE	NE	NE					
2-Pentanone, 4-hydroxy-4-methyl-	NE	NE	NE	NE					
Benzene, 1,3-dimethyl-	NE	NE	NE	NE					
Butane, 2,3-dimethoxy-2-methyl-	NE	NE	NE	NE					
Benzene, 1,2,4-trimethyl-	NE	NE	NE	NE					
Benzene, 1,4-diethyl-	NE	NE	NE	NE					
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE					
Docosane	NE	NE	NE	NE					
Propane, 1,1-dipropoxy-	NE	NE	NE	NE					
Hexanoic Acid	NE	NE	NE	NE					
1-Propane, 1,1,3-trichloro-2-methyl-	NE	NE	NE	NE					
Nonane	NE	NE	NE	0.66	240 T J N	770 T J N			
Methyl 3,3-dichloropropenoate	NE	NE	NE	NE	670 T J N	1,600 T J N		10,000 T J N	
Dodecane	NE	NE	NE	NE	230 T J N			580 T J N	
Tridecane	NE	NE	NE	NE	260 T J N			760 T J N	
Phenol, 2,6-bis(1,1-dimethyl)-	NE	NE	NE	NE	230 T J N				
Pentadecane	NE	NE	NE	NE	170 T J N	370 T J N			260 T J N
Phenol, 2,4,6-tris(1,1-dimethyl)-	NE	NE	NE	NE	310 T J N	880 T J N			
Pentadecane, 2,6,10,14-tetramethyl-	NE	NE	NE	NE	550 T J N	660 T J N		890 T J N	
Penicillic acid trifluoroacetate	NE	NE	NE	NE	200 T J N				
Tetrachloroethylene	50	50	480,000	4.4		420 T J N		660 T J N	440 T J N
Benzene, 1-methyl-3-propyl-	NE	NE	NE	NE	190 T J N	420 T J N			
Heptadecane	NE	NE	NE	NE		620 T J N			
Tridecane	NE	NE	NE	NE		550 T J N			
Phenol, 2,4-bis(1,1-dimethyl)-	NE	NE	NE	NE		520 T J N		1,400 T J N	
4-(1,3)Dioxan-2-yl-3,4-dimethylcylohe x-	NE	NE	NE	NE		370 T J N			
Hexadecane	NE	NE	NE	NE		630 T J N			
Cholestane	NE	NE	NE	NE	1,700 T J N	2,600 T J N			
3,5-Dipropyl-1,2,4-trithiolane	NE	NE	NE	NE				1,000 T J N	
Dodecane, 2,6,10-trimethyl-	NE	NE	NE	NE				830 T J N	
Heptadecane, 9-octyl-	NE	NE	NE	NE	1,100 T J N			1,500 T J N	
Heptadecane, 2,6,10,15-tetramethyl-	NE	NE	NE	NE				1,100 T J N	
1R-.alpha.-Pinene	NE	NE	NE	NE				850 T J N	
Octane, 3,6-dimethyl-	NE	NE	NE	NE				570 T J N	
n-Decane	NE	NE	NE	NE				990	
Toluene	7,000	7,000	6,400,000	590					900 T J N
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NE	NE	NE	NE					3,100 T J N
Benzene, (1,3,3-trichloro-2-propenyl)-	NE	NE	NE	NE					230 T J N
Anthracene, 9-methyl-	NE	NE	NE	NE					150 T J N
Neopentylidenecyclohexane	NE	NE	NE	NE					170 T J N
Phanthrene, 1-methyl-7-(1-methyl)	NE	NE	NE	NE					190 T J N
Benzofluoranthene	NE	NE	NE	NE					800
5-Ethyldecane	NE	NE	NE	NE					

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB102	SB102	SB103	SB103	SB103
Laboratory ID No.					580-27282-6	580-27282-7	580-27282-8	580-27282-9	580-27282-10
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	6.5 -7.5	9.5 -10.5	0.75-1.75	6.5-7.5	9.0-10.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater					
2,5-Cyclohexadiene-1,4-dione, 2,6-bis(1	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE	190 T J			940 T J	430 T J
Unknown	NE	NE	NE	NE					
4-Methyl-2-tert-octyphenol	NE	NE	NE	NE					
Phenol, nonyl-	NE	NE	NE	NE					
1,3-Cyclopentadiene, 5,5-Dimethyl-1,2-Di	NE	NE	NE	NE					
1-Pentanone, 1-(4-methoxyphenyl)-,oxime	NE	NE	NE	NE					
Hexylene Glycol	NE	NE	NE	NE					
Octanoic Acid	NE	NE	NE	NE					
Butanoic Acid	NE	NE	NE	NE					
Benzene, 1-ethyl-4-methyl	NE	NE	NE	NE					
Benzene, 4-ethyl-1,2-dimethyl	NE	NE	NE	NE					
n-Decanoic Acid	NE	NE	NE	NE					
Propanoic acid, 2,2-dichloro-, methyl es	NE	NE	NE	NE					
Methyl Isobutyl Ketone	NE	NE	6,400,000	230					
Butanoic Acid, 3-methyl-	NE	NE	NE	NE					
Cyclopropane, (methoxymethyl)-	NE	NE	NE	NE					
Oxirane, hexadecyl-	NE	NE	NE	NE					
Docosane, 11-decyl-	NE	NE	NE	NE					
Total SVOC TICs	NE	NE	NE	NE	6,300	11,080	0	22,670	7,060

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB104	SB104	SB104	SB104
Laboratory ID No.					580-27282-11	580-27282-45	580-27282-46	580-27282-47
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.75-1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
Semi-Volatile Organic Compounds (µg/Kg)								
Phenol	NE	NE	24,000,000	2,600	ND (110)	ND (110)	ND (100)	ND (120)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (110)	ND (110)	ND (100)	ND (120)
2-Chlorophenol	NE	NE	400,000	57	ND (110)	ND (110)	ND (100)	ND (120)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (53)	ND (53)	ND (52)	ND (59)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (53)	ND (53)	ND (52)	ND (59)
Benzyl alcohol	NE	NE	8,000,000	370	ND (110)	ND (110)	ND (100)	ND (120)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (58)	ND (59)	ND (58)	ND (65)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (110)	ND (110)	ND (100)	ND (120)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (210)	ND (210)	ND (210)	ND (240)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (110)	ND (110)	ND (100)	ND (120)
Hexachloroethane	NE	NE	71,000	0.48	ND (110)	ND (110)	ND (100)	ND (120)
Nitrobenzene	NE	NE	160,000	0.079	ND (110)	ND (110)	ND (100)	ND (120)
Isophorone	NE	NE	1,100,000	22	ND (110)	ND (110)	ND (100)	ND (120)
2-Nitrophenol	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (120)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (110)	ND (110)	ND (100)	ND (120)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,600)	ND (2,700)	ND (2,600)	ND (3,000)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (110)	ND (110)	ND (100)	ND (120)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (110)	ND (110)	ND (100)	ND (120)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (53)	ND (53)	ND (52)	ND (59)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (21)	**460**	ND (21)	ND (24)
4-Chloroaniline	NE	NE	5,000	0.13	ND (110)	ND (110)	ND (100)	ND (120)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (53)	ND (53)	ND (52)	ND (59)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (120)
2-Methylnaphthalene	NE	NE	320,000	140	ND (21)	**190**	ND (21)	ND (24)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (32)	**120**	ND (31)	ND (36)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (110)	ND (110)	ND (100)	ND (120)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (160)	ND (160)	ND (160)	ND (180)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (110)	ND (110)	ND (100)	ND (120)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (21)	ND (21)	ND (21)	ND (24)
2-Nitroaniline	NE	NE	800,000	62	ND (110)	ND (110)	ND (100)	ND (120)
Dimethyl phthalate	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (120)
Acenaphthylene	NE	NE	NE	NE	ND (21)	ND (21)	ND (21)	ND (24)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (110)	ND (110)	ND (100)	ND (120)
3-Nitroaniline	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (120)
Acenaphthene	NE	NE	4,800,000	4,100	ND (21)	ND (21)	ND (21)	ND (24)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,200)
4-Nitrophenol	NE	NE	NE	NE	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,200)
Dibenzofuran	NE	NE	80,000	NE	ND (110)	ND (110)	ND (100)	ND (120)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (110)	ND (110)	ND (100)	ND (120)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (210)	ND (210)	ND (210)	ND (240)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (120)
Fluorene	NE	NE	3,200,000	4,000	ND (21)	ND (21)	ND (21)	ND (24)

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB104	SB104	SB104	SB104
Laboratory ID No.					580-27282-11	580-27282-45	580-27282-46	580-27282-47
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	0.75-1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
4-Nitroaniline	NE	NE	NE	1.4	ND (110)	ND (110)	ND (100)	ND (120)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,100)	ND (1,100)	ND (1,000)	ND (1,200)
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (53)	ND (53)	ND (52)	ND (59)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (120)
Hexachlorobenzene	NE	NE	630	0.53	ND (53)	ND (53)	ND (52)	ND (59)
Pentachlorophenol	NE	NE	25,000	1.7	ND (210)	ND (210)	ND (210)	ND (240)
Phenanthrene	NE	NE	NE	NE	ND (21)	300	ND (21)	ND (24)
Anthracene	NE	NE	24,000,000	42,000	ND (21)	36	ND (21)	ND (24)
Carbazole	NE	NE	NE	NE	ND (110)	ND (110)	ND (100)	ND (120)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (530)	ND (530)	ND (520)	ND (590)
Fluoranthene	NE	NE	3,200,000	70,000	ND (21)	ND (21)	ND (21)	ND (24)
Pyrene	NE	NE	2,400,000	9,500	36	ND (21)	ND (21)	ND (24)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (210)	ND (210)	ND (210)	ND (240)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (210)	ND (210)	ND (210)	ND (240)
Benzo(a)anthracene	NE	NE	NE	10	ND (21)	ND (21)	ND (21)	ND (24)
Chrysene	NE	NE	NE	1,100	ND (26)	ND (27)	ND (26)	ND (30)
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	690	ND (640)	ND (630)	ND (710)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (260)	ND (270)	ND (260)	ND (300)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (530)	ND (530)	ND (520)	ND (590)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (21)	ND (21)	ND (21)	ND (24)
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (26)	ND (27)	ND (26)	ND (30)
Benzo(a)pyrene	100	2,000	140	3.5	ND (32)	ND (32)	ND (31)	ND (36)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (42)	ND (43)	ND (42)	ND (48)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (42)	ND (43)	ND (42)	ND (48)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (26)	ND (27)	ND (26)	ND (30)
SVOC TICs (µg/Kg)								
p-Xylene	9,000 a	9,000 a	16,000,000	180				
Benzene, (1-methylethyl)-	NE	NE	NE	NE				
Benzene, propyl-	NE	NE	NE	990	320 T J N	2,500 T J N		
Benzene, 1-ethyl-2-methyl-	NE	NE	NE	NE		9,500 T J N		
Benzene, 1,2,3-trimethyl-	NE	NE	NE	NE				
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE	660 T J N			
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE				
Benzene, 1-ethyl-3-methyl-	NE	NE	NE	NE				
Benzene, cyclopropyl-	NE	NE	NE	NE				
Benzene, 1-ethyl-2,3-dimethyl-	NE	NE	NE	NE				
Benzene, 1,3-diethyl-	NE	NE	NE	NE	350 T J N			
Benzene, 1-methyl-4-(1-methylethyl)-	NE	NE	NE	NE				
Benzene, 1-methyl-3-(1-methylethyl)-	NE	NE	NE	NE		1,700 T J N		
1,3-Dithiolane, 2-benzyl-2-methyl-	NE	NE	NE	NE				
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE				
Hexanoic Acid, 2-ethyl-	NE	NE	NE	NE		2,700 T J N		

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB104	SB104	SB104	SB104
Laboratory ID No.					580-27282-11	580-27282-45	580-27282-46	580-27282-47
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	0.75-1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
Nonadecane	NE	NE	NE	NE				
2-Pentanone, 4-hydroxy-4-methyl-	NE	NE	NE	NE	490 T J N	6,000 T J N	1,400 T J N	
Benzene, 1,3-dimethyl-	NE	NE	NE	NE		2,300 T J N		
Butane, 2,3-dimethoxy-2-methyl-	NE	NE	NE	NE				
Benzene, 1,2,4-trimethyl-	NE	NE	NE	NE				
Benzene, 1,4-diethyl-	NE	NE	NE	NE				
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE	440 T J N			
Docosane	NE	NE	NE	NE				
Propane, 1,1-dipropoxy-	NE	NE	NE	NE				
Hexanoic Acid	NE	NE	NE	NE				
1-Propane, 1,1,3-trichloro-2-methyl-	NE	NE	NE	NE		22,000 T J N		
Nonane	NE	NE	NE	0.66				
Methyl 3,3-dichloropropenoate	NE	NE	NE	NE	3,300 T J N			
Dodecane	NE	NE	NE	NE				
Tridecane	NE	NE	NE	NE				
Phenol, 2,6-bis(1,1-dimethyl)-	NE	NE	NE	NE				
Pentadecane	NE	NE	NE	NE				
Phenol, 2,4,6-tris(1,1-dimethyl)-	NE	NE	NE	NE				
Pentadecane, 2,6,10,14-tetramethyl-	NE	NE	NE	NE				
Penicillic acid trifluoroacetate	NE	NE	NE	NE				
Tetrachloroethylene	50	50	480,000	4.4	650 T J N	1,000 T J N		
Benzene, 1-methyl-3-propyl-	NE	NE	NE	NE				
Heptadecane	NE	NE	NE	NE				
Tridecane	NE	NE	NE	NE				
Phenol, 2,4-bis(1,1-dimethyl)-	NE	NE	NE	NE				
4-(1,3)Dioxan-2-yi-3,4-dimethylcylohe x-	NE	NE	NE	NE				
Hexadecane	NE	NE	NE	NE				
Cholestane	NE	NE	NE	NE				
3,5-Dipropyl-1,2,4-trithiolane	NE	NE	NE	NE				
Dodecane, 2,6,10-trimethyl-	NE	NE	NE	NE				
Heptadecane, 9-octyl-	NE	NE	NE	NE				
Heptadecane, 2,6,10,15-tetramethyl-	NE	NE	NE	NE				
1R-.alpha.-Pinene	NE	NE	NE	NE				
Octane, 3,6-dimethyl-	NE	NE	NE	NE				
n-Decane	NE	NE	NE	NE				
Toluene	7,000	7,000	6,400,000	590				
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NE	NE	NE	NE				
Benzene, (1,3,3-trichloro-2-propenyl)-	NE	NE	NE	NE				
Anthracene, 9-methyl-	NE	NE	NE	NE				
Neopentylidenecyclohexane	NE	NE	NE	NE				
Phanthrene, 1-methyl-7-(1-methyl)	NE	NE	NE	NE				
Benzofluoranthene	NE	NE	NE	NE				
5-Ethyldecane	NE	NE	NE	NE	350 T J N			

Table 5
Soil Analytical Results - SVOCs
Can Washer Chemical Storage
REXAM BEVERAGE CAN COMPANY
Kent, Washington
Site No. 35918556
July 2011

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB104	SB104	SB104	SB104
Laboratory ID No.					580-27282-11	580-27282-45	580-27282-46	580-27282-47
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.75-1.75	3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
2,5-Cyclohexadiene-1,4-dione, 2,6-bis(1	NE	NE	NE	NE	870 T J N			
Unknown	NE	NE	NE	NE	430 T J			
Unknown	NE	NE	NE	NE	350 T J N			
4-Methyl-2-tert-octylphenol	NE	NE	NE	NE	2,400 T J N			
Phenol, nonyl-	NE	NE	NE	NE	1,500 T J N			
1,3-Cyclopentadiene, 5,5-Dimethyl-1,2-Di	NE	NE	NE	NE	1,500 T J N			
1-Pentanone, 1-(4-methoxyphenyl)-,oxime	NE	NE	NE	NE	1,500 T J N			
Hexylene Glycol	NE	NE	NE	NE		14,000 T J N		
Octanoic Acid	NE	NE	NE	NE		5,200 T J N		
Butanoic Acid	NE	NE	NE	NE		2,000 T J N		
Benzene, 1-ethyl-4-methyl	NE	NE	NE	NE		4,600 T J N		
Benzene, 4-ethyl-1,2-dimethyl	NE	NE	NE	NE		1,100 T J N		
n-Decanoic Acid	NE	NE	NE	NE		1,900 T J N		
Propanoic acid, 2,2-dichloro-, methyl es	NE	NE	NE	NE		1,600 T J N		
Methyl Isobutyl Ketone	NE	NE	6,400,000	230			310 T J N	
Butanoic Acid, 3-methyl-	NE	NE	NE	NE			420 T J N	
Cyclopropane, (methoxymethyl)-	NE	NE	NE	NE			130 T J N	
Oxirane, hexadecyl-	NE	NE	NE	NE			340 T J N	
Docosane, 11-decyl-	NE	NE	NE	NE			530 T J N	
Total SVOC TICs	NE	NE	NE	NE	15,110	78,100	3,130	0

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentativeiy identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB105	SB105	SB106	SB106
Laboratory ID No.					580-27282-13	580-27282-14	580-27282-15	580-27282-16
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	1.0-2.0	9.5-10.5	0.5-1.5	9.5-10.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
Semi-Volatile Organic Compounds (µg/Kg)								
Phenol	NE	NE	24,000,000	2,600	ND (100)	ND (120)	ND (110)	ND (110)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (100)	ND (120)	ND (110)	ND (110)
2-Chlorophenol	NE	NE	400,000	57	ND (100)	ND (120)	ND (110)	ND (110)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (52)	ND (59)	ND (53)	ND (57)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (52)	ND (59)	ND (53)	ND (57)
Benzyl alcohol	NE	NE	8,000,000	370	ND (100)	ND (120)	ND (110)	ND (110)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (57)	ND (65)	ND (58)	ND (63)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (100)	ND (120)	ND (110)	ND (110)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (210)	ND (240)	ND (210)	ND (230)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (100)	ND (120)	ND (110)	ND (110)
Hexachloroethane	NE	NE	71,000	0.48	ND (100)	ND (120)	ND (110)	ND (110)
Nitrobenzene	NE	NE	160,000	0.079	ND (100)	ND (120)	ND (110)	ND (110)
Isophorone	NE	NE	1,100,000	22	ND (100)	ND (120)	ND (110)	ND (110)
2-Nitrophenol	NE	NE	NE	NE	ND (100)	ND (120)	ND (110)	ND (110)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (100)	ND (120)	ND (110)	ND (110)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,600)	ND (2,900)	ND (2,700)	ND (2,900)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (100)	ND (120)	ND (110)	ND (110)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (100)	ND (120)	ND (110)	ND (110)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (52)	ND (59)	ND (53)	ND (57)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (21)	ND (24)	ND (21)	ND (23)
4-Chloroaniline	NE	NE	5,000	0.13	ND (100)	ND (120)	ND (110)	ND (110)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (52)	ND (59)	ND (53)	ND (57)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (100)	ND (120)	ND (110)	ND (110)
2-Methylnaphthalene	NE	NE	320,000	140	ND (21)	ND (24)	ND (21)	ND (23)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (31)	ND (35)	ND (32)	ND (34)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (100)	ND (120)	ND (110)	ND (110)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (160)	ND (180)	ND (160)	ND (170)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (100)	ND (120)	ND (110)	ND (110)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (21)	ND (24)	ND (21)	ND (23)
2-Nitroaniline	NE	NE	800,000	62	ND (100)	ND (120)	ND (110)	ND (110)
Dimethyl phthalate	NE	NE	NE	NE	ND (100)	ND (120)	ND (110)	ND (110)
Acenaphthylene	NE	NE	NE	NE	ND (21)	ND (24)	ND (21)	ND (23)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (100)	ND (120)	ND (110)	ND (110)
3-Nitroaniline	NE	NE	NE	NE	ND (100)	ND (120)	ND (110)	ND (110)
Acenaphthene	NE	NE	4,800,000	4,100	ND (21)	ND (24)	ND (21)	ND (23)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,000)*	ND (1,200)	ND (1,100)	ND (1,100)
4-Nitrophenol	NE	NE	NE	NE	ND (1,000)	ND (1,200)	ND (1,100)	ND (1,100)
Dibenzofuran	NE	NE	80,000	NE	ND (100)	ND (120)	ND (110)	ND (110)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (100)	ND (120)	ND (110)	ND (110)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (210)	ND (240)	ND (210)	ND (230)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (100)	ND (120)	ND (110)	ND (110)
Fluorene	NE	NE	3,200,000	4,000	ND (21)	ND (24)	ND (21)	ND (23)
4-Nitroaniline	NE	NE	NE	1.4	ND (100)	ND (120)	ND (110)	ND (110)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,000)	ND (1,200)	ND (1,100)	ND (1,100)

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB105	SB105	SB106	SB106
Laboratory ID No.				Risk-	580-27282-13	580-27282-14	580-27282-15	580-27282-16
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	1.0-2.0	9.5-10.5	0.5-1.5	9.5-10.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (52)	ND (59)	**260**	ND (57)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (100)	ND (120)	ND (110)	ND (110)
Hexachlorobenzene	NE	NE	630	0.53	ND (52)	ND (59)	ND (53)	ND (57)
Pentachlorophenol	NE	NE	25,000	1.7	ND (210)	ND (240)	ND (210)	ND (230)
Phenanthrene	NE	NE	NE	NE	ND (21)	ND (24)	ND (21)	ND (23)
Anthracene	NE	NE	24,000,000	42,000	ND (21)	ND (24)	ND (21)	ND (23)
Carbazole	NE	NE	NE	NE	ND (100)	ND (120)	ND (110)	ND (110)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (520)	ND (590)	ND (530)	ND (570)
Fluoranthene	NE	NE	3,200,000	70,000	ND (21)	ND (24)	ND (21)	ND (23)
Pyrene	NE	NE	2,400,000	9,500	ND (21)	ND (24)	ND (21)	ND (23)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (210)	ND (240)	ND (210)	ND (230)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (210)	ND (240)	ND (210)	ND (230)
Benzo(a)anthracene	NE	NE	NE	10	ND (21)	ND (24)	ND (21)	ND (23)
Chrysene	NE	NE	NE	1,100	ND (26)	ND (29)	ND (27)	ND (29)
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	ND (630)	ND (710)	ND (640)	ND (690)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (260)	ND (290)	ND (270)	ND (290)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (520)	ND (590)	ND (530)	ND (570)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (21)	ND (24)	ND (21)	ND (23)
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (26)	ND (29)	ND (27)	ND (29)
Benzo(a)pyrene	100	2,000	140	3.5	ND (31)	ND (35)	ND (32)	ND (34)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (42)	ND (47)	ND (42)	ND (46)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (42)	ND (47)	ND (42)	ND (46)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (26)*	ND (29)	ND (27)	ND (29)
SVOC TICs (µg/Kg)								
Nonadecane	NE	NE	NE	NE			**1,100 T J N**	
Tetracontane, 3,5,24-trimethyl-	NE	NE	NE	NE			**310 T J N**	
2-Pentanone, 4-hydroxy-4-methyl-	NE	NE	NE	NE				
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE				
Docosane	NE	NE	NE	NE				
Methyl 3,3-dichloropropenoate	NE	NE	NE	NE				
Dodecane	NE	NE	NE	NE				
Pentadecane	NE	NE	NE	NE				
Pentadecane, 2,6,10,14-tetramethyl-	NE	NE	NE	NE				
Heptadecane	NE	NE	NE	NE			**970 T J N**	
Heptadecane, 9-octyl-	NE	NE	NE	NE			**1,500 T J N**	
Heptadecane, 2,6,10,15-tetramethyl-	NE	NE	NE	NE			**890 T J N**	
n-Decane	NE	NE	NE	NE				
Toluene	7,000	7,000	6,400,000	590				
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				**150 T J**
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB105	SB105	SB106	SB106
Laboratory ID No.					580-27282-13	580-27282-14	580-27282-15	580-27282-16
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	1.0-2.0	9.5-10.5	0.5-1.5	9.5-10.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Tetradecane	NE	NE	NE	NE			300 T J N	
Octadecane	NE	NE	NE	NE			290 T J N	
Octadecane	NE	NE	NE	NE			240 T J N	
Octadecane	NE	NE	NE	NE			340 T J N	
Eicosane	NE	NE	NE	NE			750 T J N	
Eicosane	NE	NE	NE	NE				
Decane, 3,3,8-trimethyl	NE	NE	NE	NE			760 T J N	
1,1"-Biphenyl, 3,3", 4,4", 5,5"-hexamethox	NE	NE	NE	NE			2,400 T J N	
Hexadecane, 2,6,10,14-tetramethyl	NE	NE	NE	NE			810 T J N	
Octacosane	NE	NE	NE	NE			1,100 T J N	
Phanthrene, 2,4,5,7-tetramethyl-	NE	NE	NE	NE				960 T J N
1,2,5-Trithiepane	NE	NE	NE	NE				
Dimethyl(2-octyl)amine	NE	NE	NE	NE				
1,1"-Biphenyl, bis(1-methylethyl)-	NE	NE	NE	NE				
2,5-Dimethylbenzoxazole	NE	NE	NE	NE				
1-Cyclohexene, 1,3,3-trimethyl-2-(1-meth	NE	NE	NE	NE				
Bicyclo(2,2,1)heptane, 2,2,3-trimethyl-	NE	NE	NE	NE				
Ethene, ethyloxy-	NE	NE	NE	NE				
Pentacosane	NE	NE	NE	NE				
Pentacosane	NE	NE	NE	NE				
Nonacosane	NE	NE	NE	NE				
Tridecanal	NE	NE	NE	NE				
Octadecanal	NE	NE	NE	NE				
Hexylene Glycol	NE	NE	NE	NE				
2-Propanol, 1-(2-methoxy-1-methyloxy)	NE	NE	NE	NE				
n-Decane	NE	NE	NE	NE				
Octanoic Acid	NE	NE	NE	NE				
1,3-Propanediol, 2,2-dimethyl-	NE	NE	NE	NE				
Hexadecane, 2-methyl	NE	NE	NE	NE				
2-Propanone, 1,1,3,3-tetrachloro-	NE	NE	NE	NE				
Heneicosane	NE	NE	NE	NE				
Decane, 1-iodo-	NE	NE	NE	NE				
Dotriacontane	NE	NE	NE	NE				
Acetic Acid, 1,1-dimethylethyl ester	NE	NE	NE	NE				
2-Propanol, 1-	NE	NE	NE	NE				
(2-methoxy-1-methylethoxy) 3-Hexanol, 3-ethyl	NE	NE	NE	NE				
3-(4-Hydroxybenzoylhydrazono)-N-mesitylb	NE	NE	NE	NE				

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB105	SB105	SB106	SB106
Laboratory ID No.				Risk-	580-27282-13	580-27282-14	580-27282-15	580-27282-16
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	1.0-2.0	9.5-10.5	0.5-1.5	9.5-10.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
N-Nonylphenol	NE	NE	NE	NE				
1-(6-Methyl-2-pyridyl)propan-2-one	NE	NE	NE	NE				
Phenol, nonyl-	NE	NE	NE	NE				
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE				
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE				
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE				
Benzene, 1-(1,1-dimethyl)-4-methoxy	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Tetradecane, 2,6,10-trimethyl-	NE	NE	NE	NE				
Glycine, N-[4-[(trimethylsilyl)oxy]benzo	NE	NE	NE	NE				
Ethanol, 2-(tetradecyloxy)-	NE	NE	NE	NE				
Tridecane, 1-iodo-	NE	NE	NE	NE				
Dispiro(2.1.2.1.)octane, 1,1,2,2,6,6,7,7-	NE	NE	NE	NE				
Phenol, 2 methyl-4-(1,1,3,3-tetramethylb	NE	NE	NE	NE				
1-(6-Methyl-2-pyridyl)propan-2-one	NE	NE	NE	NE				
Benzene, 1-(1,1-dimethylethyl)-4-methoxy	NE	NE	NE	NE				
Decane	NE	NE	NE	NE				
Hexadecane, 5-butyl-	NE	NE	NE	NE				
Total SVOC TICs	NE	NE	NE	NE	0	0	11,760	1,110

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
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Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB107	SB107	SB108	SB108	SB108
Laboratory ID No.					580-27282-17	580-27282-18	580-27282-19	580-27282-20	580-27282-21
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.5-1.5	9.5-10.5	0.5-1.5	6.5-7.5	10.0-11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater					
Semi-Volatile Organic Compounds (µg/Kg)									
Phenol	NE	NE	24,000,000	2,600	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
2-Chlorophenol	NE	NE	400,000	57	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (56)	ND (58)	ND (52)	ND (58)	ND (64)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (56)	ND (58)	ND (52)	ND (58)	ND (64)
Benzyl alcohol	NE	NE	8,000,000	370	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (61)	ND (64)	ND (57)	ND (64)	ND (71)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (220)	ND (230)	ND (210)	ND (230)	ND (260)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Hexachloroethane	NE	NE	71,000	0.48	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Nitrobenzene	NE	NE	160,000	0.079	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Isophorone	NE	NE	1,100,000	22	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
2-Nitrophenol	NE	NE	NE	NE	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,800)	ND (2,900)	ND (2,600)	ND (2,900)	ND (3,200)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (56)	ND (58)	ND (52)	ND (58)	ND (64)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
4-Chloroaniline	NE	NE	5,000	0.13	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (56)	ND (58)	ND (52)	ND (58)	ND (64)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
2-Methylnaphthalene	NE	NE	320,000	140	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (34)	ND (35)	ND (31)	ND (35)	ND (39)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (170)	ND (170)	ND (160)	ND (170)	ND (190)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
2-Nitroaniline	NE	NE	800,000	62	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Dimethyl phthalate	NE	NE	NE	NE	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Acenaphthylene	NE	NE	NE	NE	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
3-Nitroaniline	NE	NE	NE	NE	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Acenaphthene	NE	NE	4,800,000	4,100	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,100)	ND (1,200)	ND (1,000)*	ND (1,200)	ND (1,300)
4-Nitrophenol	NE	NE	NE	NE	ND (1,100)	ND (1,200)	ND (1,000)	ND (1,200)	ND (1,300)
Dibenzofuran	NE	NE	80,000	NE	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (220)	ND (230)	ND (210)	ND (230)	ND (260)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Fluorene	NE	NE	3,200,000	4,000	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
4-Nitroaniline	NE	NE	NE	1.4	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,100)	ND (1,200)	ND (1,000)	ND (1,200)	ND (1,300)

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB107	SB107	SB108	SB108	SB108
Laboratory ID No.					580-27282-17	580-27282-18	580-27282-19	580-27282-20	580-27282-21
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.5-1.5	9.5-10.5	0.5-1.5	6.5-7.5	10.0-11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater					
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (56)	ND (58)	ND (52)	ND (58)	ND (64)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Hexachlorobenzene	NE	NE	630	0.53	ND (56)	ND (58)	ND (52)	ND (58)	ND (64)
Pentachlorophenol	NE	NE	25,000	1.7	ND (220)	ND (230)	ND (210)	ND (230)	ND (260)
Phenanthrene	NE	NE	NE	NE	ND (22)	ND (23)	ND (21)	ND (23)	29
Anthracene	NE	NE	24,000,000	42,000	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
Carbazole	NE	NE	NE	NE	ND (110)	ND (120)	ND (100)	ND (120)	ND (130)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (560)	ND (580)	ND (520)	ND (580)	ND (640)
Fluoranthene	NE	NE	3,200,000	70,000	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
Pyrene	NE	NE	2,400,000	9,500	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (220)	ND (230)	ND (210)	ND (230)	ND (260)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (220)	ND (230)	ND (210)	ND (230)	ND (260)
Benzo(a)anthracene	NE	NE	NE	10	ND (22)	ND (23)	ND (21)	ND (23)	ND (26)
Chrysene	NE	NE	NE	1,100	ND (28)	ND (29)	ND (26)	ND (29)	ND (32)
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	2,000	ND (700)	ND (620)	ND (690)	ND (770)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (280)	ND (290)	ND (260)	ND (290)	ND (320)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (560)	ND (580)	ND (520)	ND (580)	ND (640)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (22)	ND (23)	ND (21)	ND (23)	28
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (28)	ND (29)	ND (26)	ND (29)	ND (32)
Benzo(a)pyrene	100	2,000	140	3.5	ND (34)	ND (35)	ND (31)	ND (35)	ND (39)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (45)	ND (47)	ND (42)	ND (46)	ND (52)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (45)	ND (47)	ND (42)	ND (46)	ND (52)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (28)	ND (29)	ND (26)*	ND (29)	ND (32)
SVOC TICs (µg/Kg)									
Nonadecane	NE	NE	NE	NE					280 T J N
Tetracontane, 3,5,24-trimethyl-	NE	NE	NE	NE					
2-Pentanone, 4-hydroxy-4-methyl-	NE	NE	NE	NE					
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE					
Docosane	NE	NE	NE	NE					
Methyl 3,3-dichloropropenoate	NE	NE	NE	NE					
Dodecane	NE	NE	NE	NE					210 T J N
Pentadecane	NE	NE	NE	NE					
Pentadecane, 2,6,10,14-tetramethyl-	NE	NE	NE	NE					
Heptadecane	NE	NE	NE	NE					
Heptadecane, 9-octyl-	NE	NE	NE	NE					
Heptadecane, 2,6,10,15-tetramethyl-	NE	NE	NE	NE					
n-Decane	NE	NE	NE	NE					
Toluene	7,000	7,000	6,400,000	590					250 T J N
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE	160 T J				220 T J
Unknown	NE	NE	NE	NE					150 T J
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB107	SB107	SB108	SB108	SB108
Laboratory ID No.					580-27282-17	580-27282-18	580-27282-19	580-27282-20	580-27282-21
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	0.5-1.5	9.5-10.5	0.5-1.5	6.5-7.5	10.0-11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Unknown	NE	NE	NE	NE					
Tetradecane	NE	NE	NE	NE					
Octadecane	NE	NE	NE	NE					
Octadecane	NE	NE	NE	NE					
Octadecane	NE	NE	NE	NE					
Eicosane	NE	NE	NE	NE				140 T J N	
Eicosane	NE	NE	NE	NE				160 T J N	
Decane, 3,3,8-trimethyl	NE	NE	NE	NE					
1,1"-Biphenyl, 3,3", 4,4", 5,5"-hexamethox	NE	NE	NE	NE					
Hexadecane, 2,6,10,14-tetramethyl	NE	NE	NE	NE					
Octacosane	NE	NE	NE	NE					
Phanthrene, 2,4,5,7-tetramethyl-	NE	NE	NE	NE		340 T J N			
1,2,5-Trithiepane	NE	NE	NE	NE	470 T J N				
Dimethyl(2-octyl)amine	NE	NE	NE	NE	170 T J N				
1,1"-Biphenyl, bis(1-methylethyl)-	NE	NE	NE	NE		130 T J N			160 T J N
2,5-Dimethylbenzoxazole	NE	NE	NE	NE			150 T J N		
1-Cyclohexene, 1,3,3-trimethyl-2-(1-meth	NE	NE	NE	NE					180 T J N
Bicyclo(2,2,1)heptane, 2,2,3-trimethyl-	NE	NE	NE	NE					460 T J N
Ethene, ethyloxy-	NE	NE	NE	NE					
Pentacosane	NE	NE	NE	NE					170 T J N
Pentacosane	NE	NE	NE	NE					550 T J N
Nonacosane	NE	NE	NE	NE					540 T J N
Tridecanal	NE	NE	NE	NE					390 T J N
Octadecanal	NE	NE	NE	NE					
Hexylene Glycol	NE	NE	NE	NE					
2-Propanol, 1-(2-methoxy-1-methyloxy)	NE	NE	NE	NE					
n-Decane	NE	NE	NE	NE					
Octanoic Acid	NE	NE	NE	NE					
1,3-Propanediol, 2,2-dimethyl-	NE	NE	NE	NE					
Hexadecane, 2-methyl	NE	NE	NE	NE					
2-Propanone, 1,1,3,3-tetrachloro-	NE	NE	NE	NE					
Heneicosane	NE	NE	NE	NE					
Decane, 1-iodo-	NE	NE	NE	NE					
Dotriacontane	NE	NE	NE	NE					
Acetic Acid, 1,1-dimethylethyl ester	NE	NE	NE	NE					
2-Propanol, 1-	NE	NE	NE	NE					
(2-methoxy-1-methylethoxy) 3-Hexanol, 3-ethyl	NE	NE	NE	NE					
3-(4-Hydroxybenzoylhydrazono)-N-mesitylb	NE	NE	NE	NE					

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB107	SB107	SB108	SB108	SB108
Laboratory ID No.				Risk-	580-27282-17	580-27282-18	580-27282-19	580-27282-20	580-27282-21
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.5-1.5	9.5-10.5	0.5-1.5	6.5-7.5	10.0-11.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater					
N-Nonylphenol	NE	NE	NE	NE					
1-(6-Methyl-2-pyridyl)propan-2-one	NE	NE	NE	NE					
Phenol, nonyl-	NE	NE	NE	NE					
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE					
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE					
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE					
Benzene, 1-(1,1-dimethyl)-4-methoxy	NE	NE	NE	NE					
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE					
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE					
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE					
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE					
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE					
Tetradecane, 2,6,10-trimethyl-	NE	NE	NE	NE					
Glycine, N-[4-[(trimethylsilyl)oxy]benzo	NE	NE	NE	NE					
Ethanol, 2-(tetradecyloxy)-	NE	NE	NE	NE					
Tridecane, 1-iodo-	NE	NE	NE	NE					
Dispiro(2.1.2.1.)octane, 1,1,2,2,6,6,7,7-	NE	NE	NE	NE					
Phenol, 2 methyl-4-(1,1,3,3-tetramethylb	NE	NE	NE	NE					
1-(6-Methyl-2-pyridyl)propan-2-one	NE	NE	NE	NE					
Benzene, 1-(1,1-dimethylethyl)-4-methoxy	NE	NE	NE	NE					
Decane	NE	NE	NE	NE					
Hexadecane, 5-butyl-	NE	NE	NE	NE					
Total SVOC TICs	NE	NE	NE	NE	800	470	150	300	3,560

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA Risk-Based SSL	SB109	SB109	SB110	SB110
Laboratory ID No.					580-27282-22	580-27282-24	580-27282-25	580-27282-26
Date Sampled	Cleanup Level Unrestricted Land Use	Cleanup Level Industrial Properties	Unrestricted Land Use Value (Direct Contact)	Protection of Groundwater	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)					1.0-2.0	10.5 - 11.5	1.0 - 2.0	11.0 - 12.0
Analytical Parameter								
Semi-Volatile Organic Compounds (µg/Kg)								
Phenol	NE	NE	24,000,000	2,600	ND (100)	ND (110)	160	ND (110)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (100)	ND (110)	ND (110)	ND (110)
2-Chlorophenol	NE	NE	400,000	57	ND (100)	ND (110)	ND (110)	ND (110)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (52)	ND (57)	ND (55)	ND (53)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (52)	ND (57)	ND (55)	ND (53)
Benzyl alcohol	NE	NE	8,000,000	370	ND (100)	ND (110)	ND (110)	ND (110)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (57)	ND (63)	ND (61)	ND (58)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (100)	ND (110)	ND (110)	ND (110)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (210)	ND (230)	260	ND (210)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (100)	ND (110)	ND (110)	ND (110)
Hexachloroethane	NE	NE	71,000	0.48	ND (100)	ND (110)	ND (110)	ND (110)
Nitrobenzene	NE	NE	160,000	0.079	ND (100)	ND (110)	ND (110)	ND (110)
Isophorone	NE	NE	1,100,000	22	ND (100)	ND (110)	ND (110)	ND (110)
2-Nitrophenol	NE	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (100)	ND (110)	ND (110)	ND (110)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,600)	ND (2,800)	ND (2,800)	ND (2,600)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (100)	ND (110)	ND (110)	ND (110)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (100)	ND (110)	ND (110)	ND (110)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (52)	ND (57)	ND (55)	ND (53)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (21)	ND (23)	ND (22)	ND (21)
4-Chloroaniline	NE	NE	5,000	0.13	ND (100)	ND (110)	ND (110)	ND (110)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (52)	ND (57)	ND (55)	ND (53)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)
2-Methylnaphthalene	NE	NE	320,000	140	ND (21)	ND (23)	ND (22)	ND (21)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (31)	ND (34)	ND (33)	ND (32)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (100)	ND (110)	ND (110)	ND (110)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (160)	ND (170)	ND (170)	ND (160)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (100)	ND (110)	ND (110)	ND (110)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (21)	ND (23)	ND (22)	ND (21)
2-Nitroaniline	NE	NE	800,000	62	ND (100)	ND (110)	ND (110)	ND (110)
Dimethyl phthalate	NE	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)
Acenaphthylene	NE	NE	NE	NE	ND (21)	ND (23)	ND (22)	ND (21)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (100)	ND (110)	ND (110)	ND (110)
3-Nitroaniline	NE	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)
Acenaphthene	NE	NE	4,800,000	4,100	ND (21)	ND (23)	ND (22)	ND (21)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,000)	ND (1,100)*	ND (1,100)	ND (1,100)
4-Nitrophenol	NE	NE	NE	NE	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,100)
Dibenzofuran	NE	NE	80,000	NE	ND (100)	ND (110)	ND (110)	ND (110)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (100)	ND (110)	ND (110)	ND (110)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (210)	ND (230)	ND (220)	ND (210)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)
Fluorene	NE	NE	3,200,000	4,000	ND (21)	ND (23)	ND (22)	ND (21)
4-Nitroaniline	NE	NE	NE	1.4	ND (100)	ND (110)	ND (110)	ND (110)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,000)	ND (1,100)	ND (1,100)	ND (1,100)

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB109	SB109	SB110	SB110
Laboratory ID No.					580-27282-22	580-27282-24	580-27282-25	580-27282-26
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	1.0-2.0	10.5 - 11.5	1.0 - 2.0	11.0 - 12.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (52)	ND (57)	ND (55)	ND (53)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)
Hexachlorobenzene	NE	NE	630	0.53	ND (52)	ND (57)	ND (55)	ND (53)
Pentachlorophenol	NE	NE	25,000	1.7	ND (210)	ND (230)	ND (220)	ND (210)
Phenanthrene	NE	NE	NE	NE	ND (21)	ND (23)	ND (22)	ND (21)
Anthracene	NE	NE	24,000,000	42,000	ND (21)	ND (23)	ND (22)	ND (21)
Carbazole	NE	NE	NE	NE	ND (100)	ND (110)	ND (110)	ND (110)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (520)	ND (570)	ND (550)	ND (530)
Fluoranthene	NE	NE	3,200,000	70,000	ND (21)	ND (23)	ND (22)	ND (21)
Pyrene	NE	NE	2,400,000	9,500	ND (21)	ND (23)	ND (22)	ND (21)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (210)	ND (230)	ND (220)	ND (210)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (210)	ND (230)	ND (220)	ND (210)
Benzo(a)anthracene	NE	NE	NE	10	ND (21)	ND (23)	ND (22)	ND (21)
Chrysene	NE	NE	NE	1,100	ND (26)	ND (28)	ND (28)	ND (26)
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	ND (620)	ND (680)	ND (660)	ND (630)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (260)	ND (280)	ND (280)	ND (260)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (520)	ND (570)	ND (550)	ND (530)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (21)	ND (23)	ND (22)	ND (21)
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (26)	ND (28)	ND (28)	ND (26)
Benzo(a)pyrene	100	2,000	140	3.5	ND (31)	ND (34)	ND (33)	ND (32)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (42)	ND (46)	ND (44)	ND (42)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (42)	ND (46)	ND (44)	ND (42)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (26)	ND (28)*	ND (28)	ND (26)
SVOC TICs (µg/Kg)								
Nonadecane	NE	NE	NE	NE		180 T J N		210 T J N
Tetracontane, 3,5,24-trimethyl-	NE	NE	NE	NE				
2-Pentanone, 4-hydroxy-4-methyl-	NE	NE	NE	NE				1,600 T J N
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE				
Docosane	NE	NE	NE	NE				
Methyl 3,3-dichloropropenoate	NE	NE	NE	NE			130 T J N	
Dodecane	NE	NE	NE	NE				
Pentadecane	NE	NE	NE	NE				410 T J N
Pentadecane, 2,6,10,14-tetramethyl-	NE	NE	NE	NE				220 T J N
Heptadecane	NE	NE	NE	NE				
Heptadecane, 9-octyl-	NE	NE	NE	NE				
Heptadecane, 2,6,10,15-tetramethyl-	NE	NE	NE	NE				
n-Decane	NE	NE	NE	NE				
Toluene	7,000	7,000	6,400,000	590				
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NE	NE	NE	NE				280 T J N
Unknown	NE	NE	NE	NE			810 T J	
Unknown	NE	NE	NE	NE			620 T J	
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB109	SB109	SB110	SB110
Laboratory ID No.				Risk-	580-27282-22	580-27282-24	580-27282-25	580-27282-26
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	1.0-2.0	10.5 - 11.5	1.0 - 2.0	11.0 - 12.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE				
Tetradecane	NE	NE	NE	NE				
Octadecane	NE	NE	NE	NE				
Octadecane	NE	NE	NE	NE				
Octadecane	NE	NE	NE	NE				
Eicosane	NE	NE	NE	NE		130 T J N		
Eicosane	NE	NE	NE	NE				
Decane, 3,3,8-trimethyl	NE	NE	NE	NE				
1,1"-Biphenyl, 3,3", 4,4", 5,5"-hexamethox	NE	NE	NE	NE				
Hexadecane, 2,6,10,14-tetramethyl	NE	NE	NE	NE				
Octacosane	NE	NE	NE	NE				
Phanthrene, 2,4,5,7-tetramethyl-	NE	NE	NE	NE				
1,2,5-Trithiepane	NE	NE	NE	NE				
Dimethyl(2-octyl)amine	NE	NE	NE	NE				
1,1"-Biphenyl, bis(1-methylethyl)-	NE	NE	NE	NE				
2,5-Dimethylbenzoxazole	NE	NE	NE	NE				
1-Cyclohexene, 1,3,3-trimethyl-2-(1-meth	NE	NE	NE	NE				
Bicyclo(2,2,1)heptane, 2,2,3-trimethyl-	NE	NE	NE	NE				
Ethene, ethyloxy-	NE	NE	NE	NE				1,600 T J N
Pentacosane	NE	NE	NE	NE				
Pentacosane	NE	NE	NE	NE				
Nonacosane	NE	NE	NE	NE				
Tridecanal	NE	NE	NE	NE				
Octadecanal	NE	NE	NE	NE		250 T J N		
Hexylene Glycol	NE	NE	NE	NE			340 T J N	730 T J N
2-Propanol, 1-(2-methoxy-1-methyloxy)	NE	NE	NE	NE			340 T J N	860 T J N
n-Decane	NE	NE	NE	NE			5,700 E	1,100
Octanoic Acid	NE	NE	NE	NE			300 T J N	
1,3-Propanediol, 2,2-dimethyl-	NE	NE	NE	NE				370 T J N
Hexadecane, 2-methyl	NE	NE	NE	NE				260 T J N
2-Propanone, 1,1,3,3-tetrachloro-	NE	NE	NE	NE				290 T J N
Heneicosane	NE	NE	NE	NE				450 T J N
Decane, 1-iodo-	NE	NE	NE	NE				160 T J N
Dotriacontane	NE	NE	NE	NE				280 T J N
Acetic Acid, 1,1-dimethylethyl ester	NE	NE	NE	NE				
2-Propanol, 1-	NE	NE	NE	NE				
(2-methoxy-1-methylethoxy) 3-Hexanol, 3-ethyl	NE	NE	NE	NE				
3-(4-Hydroxybenzoylhydrazono)-N-mesityl	NE	NE	NE	NE				

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB109	SB109	SB110	SB110
Laboratory ID No.					580-27282-22	580-27282-24	580-27282-25	580-27282-26
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	1.0-2.0	10.5 - 11.5	1.0 - 2.0	11.0 - 12.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
N-Nonylphenol	NE	NE	NE	NE				
1-(6-Methyl-2-pyridyl)propan-2-one	NE	NE	NE	NE				
Phenol, nonyl-	NE	NE	NE	NE				
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE				
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE				
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE				
Benzene, 1-(1,1-dimethyl)-4-methoxy	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE				
Tetradecane, 2,6,10-trimethyl-	NE	NE	NE	NE				
Glycine, N-[4-[(trimethylsilyl)oxy]benzo	NE	NE	NE	NE				
Ethanol, 2-(tetradecyloxy)-	NE	NE	NE	NE				
Tridecane, 1-iodo-	NE	NE	NE	NE				
Dispiro(2.1.2.1.)octane, 1,1,2,2,6,6,7,7-	NE	NE	NE	NE				
Phenol, 2 methyl-4-(1,1,3,3-tetramethylb	NE	NE	NE	NE				
1-(6-Methyl-2-pyridyl)propan-2-one	NE	NE	NE	NE				
Benzene, 1-(1,1-dimethylethyl)-4-methoxy	NE	NE	NE	NE				
Decane	NE	NE	NE	NE				
Hexadecane, 5-butyl-	NE	NE	NE	NE				
Total SVOC TICs	NE	NE	NE	NE	0	560	8,240	8,820

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB110	SB111	SB111	SB111
Laboratory ID No.					580-27282-27	580-27282-28	580-27282-29	580-27282-30
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	15.0 - 16.0	0.75 - 1.75	4.25 - 5.25	9.5 - 10.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
Semi-Volatile Organic Compounds (µg/Kg)								
Phenol	NE	NE	24,000,000	2,600	ND (120)	ND (100)	ND (100)	ND (110)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (120)	ND (100)	ND (100)	ND (110)
2-Chlorophenol	NE	NE	400,000	57	ND (120)	ND (100)	ND (100)	ND (110)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (60)	ND (51)	ND (52)	ND (56)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (60)	ND (51)	ND (52)	ND (56)
Benzyl alcohol	NE	NE	8,000,000	370	ND (120)	ND (100)	ND (100)	ND (110)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (65)	ND (56)	ND (58)	ND (62)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (120)	ND (100)	ND (100)	ND (110)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (240)	**8,600**	**580**	ND (230)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (120)	ND (100)	ND (100)	ND (110)
Hexachloroethane	NE	NE	71,000	0.48	ND (120)	ND (100)	ND (100)	ND (110)
Nitrobenzene	NE	NE	160,000	0.079	ND (120)	ND (100)	ND (100)	ND (110)
Isophorone	NE	NE	1,100,000	22	ND (120)	ND (100)	ND (100)	ND (110)
2-Nitrophenol	NE	NE	NE	NE	ND (120)	ND (100)	ND (100)	ND (110)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (120)	ND (100)	ND (100)	ND (110)
Benzoic acid	NE	NE	320,000,000	14,000	ND (3,000)	ND (2,600)	ND (2,600)	ND (2,800)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (120)	ND (100)	ND (100)	ND (110)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (120)	ND (100)	ND (100)	ND (110)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (60)	ND (51)	ND (52)	ND (56)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (24)	**650**	**67**	ND (23)
4-Chloroaniline	NE	NE	5,000	0.13	ND (120)	ND (100)	ND (100)	ND (110)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (60)	ND (51)	ND (52)	ND (56)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (120)	ND (100)	ND (100)	ND (110)
2-Methylnaphthalene	NE	NE	320,000	140	ND (24)	**340**	**21**	ND (23)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (36)	**200**	ND (31)	ND (34)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (120)	ND (100)	ND (100)	ND (110)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (180)	ND (150)	ND (160)	ND (170)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (120)	ND (100)	ND (100)	ND (110)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (24)	ND (20)	ND (21)	ND (23)
2-Nitroaniline	NE	NE	800,000	62	ND (120)	ND (100)	ND (100)	ND (110)
Dimethyl phthalate	NE	NE	NE	NE	ND (120)	ND (100)	ND (100)	ND (110)
Acenaphthylene	NE	NE	NE	NE	ND (24)	ND (20)	ND (21)	ND (23)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (120)	ND (100)	ND (100)	ND (110)
3-Nitroaniline	NE	NE	NE	NE	ND (120)	ND (100)	ND (100)	ND (110)
Acenaphthene	NE	NE	4,800,000	4,100	ND (24)	ND (20)	ND (21)	ND (23)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,200)	ND (1,000)	ND (1,000)	ND (1,100)
4-Nitrophenol	NE	NE	NE	NE	ND (1,200)	ND (1,000)	ND (1,000)	ND (1,100)
Dibenzofuran	NE	NE	80,000	NE	ND (120)	ND (100)	ND (100)	ND (110)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (120)	ND (100)	ND (100)	ND (110)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (240)	ND (200)	ND (210)	ND (230)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (120)	ND (100)	ND (100)	ND (110)
Fluorene	NE	NE	3,200,000	4,000	ND (24)	ND (20)	ND (21)	ND (23)
4-Nitroaniline	NE	NE	NE	1.4	ND (120)	ND (100)	ND (100)	ND (110)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,200)	ND (1,000)	ND (1,000)	ND (1,100)

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB110	SB111	SB111	SB111
Laboratory ID No.				Risk-	580-27282-27	580-27282-28	580-27282-29	580-27282-30
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	15.0 - 16.0	0.75 - 1.75	4.25 - 5.25	9.5 - 10.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (60)	ND (51)	ND (52)	ND (56)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (120)	ND (100)	ND (100)	ND (110)
Hexachlorobenzene	NE	NE	630	0.53	ND (60)	ND (51)	ND (52)	ND (56)
Pentachlorophenol	NE	NE	25,000	1.7	ND (240)	ND (200)	ND (210)	ND (230)
Phenanthrene	NE	NE	NE	NE	ND (24)	ND (20)	ND (21)	ND (23)
Anthracene	NE	NE	24,000,000	42,000	ND (24)	ND (20)	ND (21)	ND (23)
Carbazole	NE	NE	NE	NE	ND (120)	ND (100)	ND (100)	ND (110)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (600)	ND (510)	ND (520)	ND (560)
Fluoranthene	NE	NE	3,200,000	70,000	ND (24)	ND (20)	ND (21)	ND (23)
Pyrene	NE	NE	2,400,000	9,500	ND (24)	ND (20)	ND (21)	ND (23)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (240)	ND (200)	ND (210)	ND (230)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (240)	ND (200)	ND (210)	ND (230)
Benzo(a)anthracene	NE	NE	NE	10	ND (24)	ND (20)	ND (21)	ND (23)
Chrysene	NE	NE	NE	1,100	ND (30)	ND (26)	ND (26)	ND (28)
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	ND (710)	6,500	ND (630)	ND (680)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (300)	ND (260)	ND (260)	ND (280)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (600)	ND (510)	ND (520)	ND (560)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (24)	ND (20)	ND (21)	ND (23)
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (30)	ND (26)	ND (26)	ND (28)
Benzo(a)pyrene	100	2,000	140	3.5	ND (36)	ND (31)	ND (31)	ND (34)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (48)	ND (41)	ND (42)	ND (45)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (48)	ND (41)	ND (42)	ND (45)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (30)	ND (26)	ND (26)	ND (28)
SVOC TICs (µg/Kg)								
Nonadecane	NE	NE	NE	NE				
Tetracontane, 3,5,24-trimethyl-	NE	NE	NE	NE				
2-Pentanone, 4-hydroxy-4-methyl-	NE	NE	NE	NE				
Benzene, 4-ethyl-1,2-dimethyl-	NE	NE	NE	NE				
Docosane	NE	NE	NE	NE		12,000 T J N		
Methyl 3,3-dichloropropenoate	NE	NE	NE	NE				
Dodecane	NE	NE	NE	NE				
Pentadecane	NE	NE	NE	NE				
Pentadecane, 2,6,10,14-tetramethyl-	NE	NE	NE	NE				
Heptadecane	NE	NE	NE	NE				
Heptadecane, 9-octyl-	NE	NE	NE	NE				
Heptadecane, 2,6,10,15-tetramethyl-	NE	NE	NE	NE				
n-Decane	NE	NE	NE	NE		46,000 E		
Toluene	7,000	7,000	6,400,000	590				
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NE	NE	NE	NE				
Unknown	NE	NE	NE	NE		20,000 T J	740 T J	130 T J
Unknown	NE	NE	NE	NE		10,000 T J	4,800 T J	
Unknown	NE	NE	NE	NE		25,000 T J	590 T J	
Unknown	NE	NE	NE	NE		6,300 T J	1,800 T J	
Unknown	NE	NE	NE	NE			2,100 T J	
Unknown	NE	NE	NE	NE			730 T J	

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB110	SB111	SB111	SB111
Laboratory ID No.				Risk-	580-27282-27	580-27282-28	580-27282-29	580-27282-30
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	15.0 - 16.0	0.75 - 1.75	4.25 - 5.25	9.5 - 10.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
Unknown	NE	NE	NE	NE			610 T J	
Unknown	NE	NE	NE	NE			1,200 T J	
Unknown	NE	NE	NE	NE			1,600 T J	
Unknown	NE	NE	NE	NE			1,300 T J	
Unknown	NE	NE	NE	NE			670 T J	
Unknown	NE	NE	NE	NE			870 T J	
Unknown	NE	NE	NE	NE			920 T J	
Unknown	NE	NE	NE	NE			1,300 T J	
Tetradecane	NE	NE	NE	NE				
Octadecane	NE	NE	NE	NE				
Octadecane	NE	NE	NE	NE				
Octadecane	NE	NE	NE	NE				
Eicosane	NE	NE	NE	NE				
Eicosane	NE	NE	NE	NE				
Decane, 3,3,8-trimethyl	NE	NE	NE	NE				
1,1"-Biphenyl, 3,3", 4,4", 5,5"-hexamethox	NE	NE	NE	NE				
Hexadecane, 2,6,10,14-tetramethyl	NE	NE	NE	NE				
Octacosane	NE	NE	NE	NE				
Phanthrene, 2,4,5,7-tetramethyl-	NE	NE	NE	NE				
1,2,5-Trithiepane	NE	NE	NE	NE				
Dimethyl(2-octyl)amine	NE	NE	NE	NE				
1,1"-Biphenyl, bis(1-methylethyl)-	NE	NE	NE	NE				
2,5-Dimethylbenzoxazole	NE	NE	NE	NE				
1-Cyclohexene, 1,3,3-trimethyl-2-(1-meth	NE	NE	NE	NE				
Bicyclo(2,2,1)heptane, 2,2,3-trimethyl-	NE	NE	NE	NE				
Ethene, ethyloxy-	NE	NE	NE	NE				
Pentacosane	NE	NE	NE	NE				
Pentacosane	NE	NE	NE	NE				
Nonacosane	NE	NE	NE	NE				
Tridecanal	NE	NE	NE	NE				
Octadecanal	NE	NE	NE	NE				
Hexylene Glycol	NE	NE	NE	NE	130 T J N			
2-Propanol, 1-(2-methoxy-1-methyloxy)	NE	NE	NE	NE				
n-Decane	NE	NE	NE	NE			2,800	
Octanoic Acid	NE	NE	NE	NE				
1,3-Propanediol, 2,2-dimethyl-	NE	NE	NE	NE				
Hexadecane, 2-methyl	NE	NE	NE	NE				
2-Propanone, 1,1,3,3-tetrachloro-	NE	NE	NE	NE				
Heneicosane	NE	NE	NE	NE				
Decane, 1-iodo-	NE	NE	NE	NE				
Dotriacontane	NE	NE	NE	NE				
Acetic Acid, 1,1-dimethylethyl ester	NE	NE	NE	NE	180 T J N			
2-Propanol, 1-	NE	NE	NE	NE	240 T J N			
(2-methoxy-1-methylethoxy) 3-Hexanol, 3-ethyl	NE	NE	NE	NE	500 T J N			
3-(4-Hydroxybenzoylhydrazono)-N-mesityib	NE	NE	NE	NE		14,000 T J N		

Table 6
Soil Analytical Results - SVOCs
Front End and Baler Area
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB110	SB111	SB111	SB111
Laboratory ID No.					580-27282-27	580-27282-28	580-27282-29	580-27282-30
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	15.0 - 16.0	0.75 - 1.75	4.25 - 5.25	9.5 - 10.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
N-Nonylphenol	NE	NE	NE	NE		25,000 T J N		
1-(6-Methyl-2-pyridyl)propan-2-one	NE	NE	NE	NE		33,000 T J N		
Phenol, nonyl-	NE	NE	NE	NE		22,000 T J N		
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE		13,000 T J N		
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE		31,000 T J N		
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	NE	NE	NE	NE		17,000 T J N		
Benzene, 1-(1,1-dimethyl)-4-methoxy	NE	NE	NE	NE		20,000 T J N		
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE		18,000 T J N		
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE		4,700 T J N		
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE		15,000 T J N		
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE		30,000 T J N		
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NE	NE	NE	NE		27,000 T J N		
Tetradecane, 2,6,10-trimethyl-	NE	NE	NE	NE		6,000 T J N		
Glycine, N-[4-[(trimethylsilyl)oxy]benzo	NE	NE	NE	NE		6,100 T J N		
Ethanol, 2-(tetradecyloxy)-	NE	NE	NE	NE		14,000 T J N		
Tridecane, 1-iodo-	NE	NE	NE	NE		13,000 T J N		
Dispiro(2.1.2.1.)octane, 1,1,2,2,6,6,7,7-	NE	NE	NE	NE		13,000 T J N		
Phenol, 2 methyl-4-(1,1,3,3-tetramethylb	NE	NE	NE	NE		45,000 T J N		
1-(6-Methyl-2-pyridyl)propan-2-one	NE	NE	NE	NE		25,000 T J N		
Benzene, 1-(1,1-dimethylethyl)-4-methoxy	NE	NE	NE	NE		11,000 T J N		
Decane	NE	NE	NE	NE		7,600 T J N		
Hexadecane, 5-butyl-	NE	NE	NE	NE		12,000 T J N		
Total SVOC TICs	NE	NE	NE	NE	1,050	541,700	22,030	130

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 7
Soil Analytical Results - SVOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB112	SB112	SB113	SB113
Laboratory ID No.					580-27282-31	580-27282-32	580-27282-33	580-27282-35
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.25 - 1.25	6.0 - 7.0	0.25 - 1.25	4.5 - 5.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
Semi-Volatile Organic Compounds (µg/Kg)								
Phenol	NE	NE	24,000,000	2,600	ND (100)	ND (130)	ND (110)	ND (110)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (100)	ND (130)	ND (110)	ND (110)
2-Chlorophenol	NE	NE	400,000	57	ND (100)	ND (130)	ND (110)	ND (110)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (51)	ND (67)	ND (55)	ND (54)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (51)	ND (67)	ND (55)	ND (54)
Benzyl alcohol	NE	NE	8,000,000	370	ND (100)	ND (130)	ND (110)	ND (110)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (56)	ND (74)	ND (60)	ND (59)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (100)	ND (130)	ND (110)	ND (110)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (200)	ND (270)	ND (220)	ND (220)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (100)	ND (130)	ND (110)	ND (110)
Hexachloroethane	NE	NE	71,000	0.48	ND (100)	ND (130)	ND (110)	ND (110)
Nitrobenzene	NE	NE	160,000	0.079	ND (100)	ND (130)	ND (110)	ND (110)
Isophorone	NE	NE	1,100,000	22	ND (100)	ND (130)	ND (110)	ND (110)
2-Nitrophenol	NE	NE	NE	NE	ND (100)	ND (130)	ND (110)	ND (110)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (100)	ND (130)	ND (110)	ND (110)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,500)	ND (3,400)	ND (2,700)	ND (2,700)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (100)	ND (130)	ND (110)	ND (110)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (100)	ND (130)	ND (110)	ND (110)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (51)	ND (67)	ND (55)	ND (54)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (20)	ND (27)	ND (22)	ND (22)
4-Chloroaniline	NE	NE	5,000	0.13	ND (100)	ND (130)	ND (110)	ND (110)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (51)	ND (67)	ND (55)	ND (54)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (100)	ND (130)	ND (110)	ND (110)
2-Methylnaphthalene	NE	NE	320,000	140	ND (20)	ND (27)	ND (22)	ND (22)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (31)	ND (40)	ND (33)	ND (32)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (100)	ND (130)	ND (110)	ND (110)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (150)	ND (200)	ND (160)	ND (160)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (100)	ND (130)	ND (110)	ND (110)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (20)	ND (27)	ND (22)	ND (22)
2-Nitroaniline	NE	NE	800,000	62	ND (100)	ND (130)	ND (110)	ND (110)
Dimethyl phthalate	NE	NE	NE	NE	ND (100)	ND (130)	ND (110)	ND (110)
Acenaphthylene	NE	NE	NE	NE	ND (20)	ND (27)	ND (22)	ND (22)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (100)	ND (130)	ND (110)	ND (110)
3-Nitroaniline	NE	NE	NE	NE	ND (100)	ND (130)	ND (110)	ND (110)
Acenaphthene	NE	NE	4,800,000	4,100	ND (20)	ND (27)	ND (22)	ND (22)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,000)	ND (1,300)*	ND (1,100)	ND (1,100)
4-Nitrophenol	NE	NE	NE	NE	ND (1,000)	ND (1,300)	ND (1,100)	ND (1,100)
Dibenzofuran	NE	NE	80,000	NE	ND (100)	ND (130)	ND (110)	ND (110)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (100)	ND (130)	ND (110)	ND (110)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (200)	ND (270)	ND (220)	ND (220)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (100)	ND (130)	ND (110)	ND (110)
Fluorene	NE	NE	3,200,000	4,000	ND (20)	ND (27)	ND (22)	ND (22)

Table 7
Soil Analytical Results - SVOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB112	SB112	SB113	SB113
Laboratory ID No.				Risk-	580-27282-31	580-27282-32	580-27282-33	580-27282-35
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.25 - 1.25	6.0 - 7.0	0.25 - 1.25	4.5 - 5.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
4-Nitroaniline	NE	NE	NE	1.4	ND (100)	ND (130)	ND (110)	ND (110)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,000)	ND (1,300)	ND (1,100)	ND (1,100)
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (51)	ND (67)	ND (55)	ND (54)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (100)	ND (130)	ND (110)	ND (110)
Hexachlorobenzene	NE	NE	630	0.53	ND (51)	ND (67)	ND (55)	ND (54)
Pentachlorophenol	NE	NE	25,000	1.7	ND (200)	ND (270)	ND (220)	ND (220)
Phenanthrene	NE	NE	NE	NE	ND (20)	ND (27)	ND (22)	ND (22)
Anthracene	NE	NE	24,000,000	42,000	ND (20)	ND (27)	ND (22)	ND (22)
Carbazole	NE	NE	NE	NE	ND (100)	ND (130)	ND (110)	ND (110)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (510)	ND (670)	ND (550)	ND (540)
Fluoranthene	NE	NE	3,200,000	70,000	ND (20)	ND (27)	ND (22)	ND (22)
Pyrene	NE	NE	2,400,000	9,500	ND (20)	ND (27)	ND (22)	ND (22)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (200)	ND (270)	ND (220)	ND (220)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (200)	ND (270)	ND (220)	ND (220)
Benzo(a)anthracene	NE	NE	NE	10	ND (20)	ND (27)	ND (22)	ND (22)
Chrysene	NE	NE	NE	1,100	ND (25)	ND (34)	ND (27)	56
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	ND (610)	ND (810)	ND (660)	ND (650)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (250)	ND (340)	ND (270)	ND (270)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (510)	ND (670)	ND (550)	ND (540)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (20)	ND (27)	ND (22)	ND (22)
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (25)	ND (34)	ND (27)	ND (27)
Benzo(a)pyrene	100	2,000	140	3.5	ND (31)	ND (40)	ND (33)	ND (32)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (41)	ND (54)	ND (44)	ND (43)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (41)	ND (54)	ND (44)	ND (43)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (25)	ND (34)*	ND (27)	ND (27)
SVOC TICs (µg/Kg)								
Total SVOC TICs	NE	NE	NE	NE	0	0	0	0

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 7
Soil Analytical Results - SVOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB114	SB114	SB115	SB115
Laboratory ID No.					580-27282-36	580-27282-37	580-27282-38	580-27282-39
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.25 - 1.25	4.0 - 5.0	0.25 - 1.25	3.0 - 4.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater				
Semi-Volatile Organic Compounds (µg/Kg)								
Phenol	NE	NE	24,000,000	2,600	ND (100)	ND (110)	ND (100)	ND (120)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (100)	ND (110)	ND (100)	ND (120)
2-Chlorophenol	NE	NE	400,000	57	ND (100)	ND (110)	ND (100)	ND (120)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (50)	ND (55)	ND (51)	ND (59)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (50)	ND (55)	ND (51)	ND (59)
Benzyl alcohol	NE	NE	8,000,000	370	ND (100)	ND (110)	ND (100)	ND (120)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (55)	ND (61)	ND (56)	ND (64)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (100)	ND (110)	ND (100)	ND (120)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (200)	ND (220)	ND (200)	ND (230)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (100)	ND (110)	ND (100)	ND (120)
Hexachloroethane	NE	NE	71,000	0.48	ND (100)	ND (110)	ND (100)	ND (120)
Nitrobenzene	NE	NE	160,000	0.079	ND (100)	ND (110)	ND (100)	ND (120)
Isophorone	NE	NE	1,100,000	22	ND (100)	ND (110)	ND (100)	ND (120)
2-Nitrophenol	NE	NE	NE	NE	ND (100)	ND (110)	ND (100)	ND (120)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (100)	ND (110)	ND (100)	ND (120)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,500)	ND (2,800)	ND (2,600)	ND (2,900)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (100)	ND (110)	ND (100)	ND (120)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (100)	ND (110)	ND (100)	ND (120)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (50)	ND (55)	ND (51)	ND (59)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (20)	ND (22)	ND (20)	ND (23)
4-Chloroaniline	NE	NE	5,000	0.13	ND (100)	ND (110)	ND (100)	ND (120)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (50)	ND (55)	ND (51)	ND (59)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (100)	ND (110)	ND (100)	ND (120)
2-Methylnaphthalene	NE	NE	320,000	140	ND (20)	ND (22)	ND (20)	ND (23)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (30)	ND (33)	ND (31)	ND (35)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (100)	ND (110)	ND (100)	ND (120)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (150)	ND (170)	ND (150)	ND (180)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (100)	ND (110)	ND (100)	ND (120)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (20)	ND (22)	ND (20)	ND (23)
2-Nitroaniline	NE	NE	800,000	62	ND (100)	ND (110)	ND (100)	ND (120)
Dimethyl phthalate	NE	NE	NE	NE	ND (100)	ND (110)	ND (100)	ND (120)
Acenaphthylene	NE	NE	NE	NE	ND (20)	ND (22)	ND (20)	ND (23)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (100)	ND (110)	ND (100)	ND (120)
3-Nitroaniline	NE	NE	NE	NE	ND (100)	ND (110)	ND (100)	ND (120)
Acenaphthene	NE	NE	4,800,000	4,100	ND (20)	ND (22)	ND (20)	ND (23)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,200)
4-Nitrophenol	NE	NE	NE	NE	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,200)
Dibenzofuran	NE	NE	80,000	NE	ND (100)	ND (110)	ND (100)	ND (120)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (100)	ND (110)	ND (100)	ND (120)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (200)	ND (220)	ND (200)	ND (230)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (100)	ND (110)	ND (100)	ND (120)
Fluorene	NE	NE	3,200,000	4,000	ND (20)	ND (22)	ND (20)	ND (23)

Table 7
Soil Analytical Results - SVOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB114	SB114	SB115	SB115
Laboratory ID No.					580-27282-36	580-27282-37	580-27282-38	580-27282-39
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Based SSL	0.25 - 1.25	4.0 - 5.0	0.25 - 1.25	3.0 - 4.0
Analytical Parameter	Land Use	Properties	(Direct Contact)	Protection of Groundwater				
4-Nitroaniline	NE	NE	NE	1.4	ND (100)	ND (110)	ND (100)	ND (120)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,200)
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (50)	ND (55)	ND (51)	ND (59)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (100)	ND (110)	ND (100)	ND (120)
Hexachlorobenzene	NE	NE	630	0.53	ND (50)	ND (55)	ND (51)	ND (59)
Pentachlorophenol	NE	NE	25,000	1.7	ND (200)	ND (220)	ND (200)	ND (230)
Phenanthrene	NE	NE	NE	NE	ND (20)	ND (22)	ND (20)	ND (23)
Anthracene	NE	NE	24,000,000	42,000	ND (20)	ND (22)	ND (20)	ND (23)
Carbazole	NE	NE	NE	NE	ND (100)	ND (110)	ND (100)	ND (120)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (500)	ND (550)	ND (510)	ND (590)
Fluoranthene	NE	NE	3,200,000	70,000	ND (20)	ND (22)	ND (20)	ND (23)
Pyrene	NE	NE	2,400,000	9,500	ND (20)	ND (22)	ND (20)	ND (23)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (200)	ND (220)	ND (200)	ND (230)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (200)	ND (220)	ND (200)	ND (230)
Benzo(a)anthracene	NE	NE	NE	10	ND (20)	ND (22)	ND (20)	ND (23)
Chrysene	NE	NE	NE	1,100	ND (25)	56	ND (26)	ND (29)
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	ND (600)	ND (660)	ND (610)	ND (700)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (250)	ND (280)	ND (260)	ND (290)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (500)	ND (550)	ND (510)	ND (590)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (20)	ND (22)	ND (20)	ND (23)
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (25)	ND (28)	ND (26)	ND (29)
Benzo(a)pyrene	100	2,000	140	3.5	ND (30)	ND (33)	ND (31)	ND (35)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (40)	ND (44)	ND (41)	ND (47)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (40)	ND (44)	ND (41)	ND (47)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (25)	ND (28)	ND (26)	ND (29)
SVOC TICs (µg/Kg)								
Total SVOC TICs	NE	NE	NE	NE	0	0	0	0

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 7
Soil Analytical Results - SVOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB116	SB116
Laboratory ID No.					580-27282-40	580-27282-42
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Risk-Based SSL	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.5 - 1.5	6.5 - 7.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater		
Semi-Volatile Organic Compounds (µg/Kg)						
Phenol	NE	NE	24,000,000	2,600	ND (100)	ND (110)
bis(2-Chloroethyl)ether	NE	NE	NE	0.0031	ND (100)	ND (110)
2-Chlorophenol	NE	NE	400,000	57	ND (100)	ND (110)
1,3-Dichlorobenzene	NE	NE	NE	NE	ND (52)	ND (57)
1,4-Dichlorobenzene	NE	NE	NE	0.4	ND (52)	ND (57)
Benzyl alcohol	NE	NE	8,000,000	370	ND (100)	ND (110)
1,2-Dichlorobenzene	NE	NE	7,200,000	270	ND (57)	ND (63)
2-Methylphenol (o-cresol)	NE	NE	4,000,000	580	ND (100)	ND (110)
3 & 4 Methylphenol (m&p-cresol)	NE	NE	4,000,000	1,100	ND (210)	ND (230)
n-Nitroso-di-n-propylamine	NE	NE	NE	0.007	ND (100)	ND (110)
Hexachloroethane	NE	NE	71,000	0.48	ND (100)	ND (110)
Nitrobenzene	NE	NE	160,000	0.079	ND (100)	ND (110)
Isophorone	NE	NE	1,100,000	22	ND (100)	ND (110)
2-Nitrophenol	NE	NE	NE	NE	ND (100)	ND (110)
2,4-Dimethylphenol	NE	NE	1,600,000	320	ND (100)	ND (110)
Benzoic acid	NE	NE	320,000,000	14,000	ND (2,600)	ND (2,900)
bis(2-Chloroethoxy)methane	NE	NE	NE	11	ND (100)	ND (110)
2,4-Dichlorophenol	NE	NE	240,000	41	ND (100)	ND (110)
1,2,4-Trichlorobenzene	NE	NE	35,000	2.9	ND (52)	ND (57)
Naphthalene	5,000	5,000	1,600,000	0.47	ND (21)	ND (23)
4-Chloroaniline	NE	NE	5,000	0.13	ND (100)	ND (110)
Hexachlorobutadiene	NE	NE	13,000	0.50	ND (52)	ND (57)
4-Chloro-3-methylphenol	NE	NE	NE	NE	ND (100)	ND (110)
2-Methylnaphthalene	NE	NE	320,000	140	ND (21)	ND (23)
1-Methylnaphthalene	NE	NE	35,000	5.1	ND (31)	ND (34)
Hexachlorocyclopentadiene	NE	NE	480,000	70	ND (100)	ND (110)
2,4,6-Trichlorophenol	NE	NE	80,000	13	ND (160)	ND (170)
2,4,5-Trichlorophenol	NE	NE	8,000,000	3,300	ND (100)	ND (110)
2-Chloronaphthalene	NE	NE	NE	2,900	ND (21)	ND (23)
2-Nitroaniline	NE	NE	800,000	62	ND (100)	ND (110)
Dimethyl phthalate	NE	NE	NE	NE	ND (100)	ND (110)
Acenaphthylene	NE	NE	NE	NE	ND (21)	ND (23)
2,6-Dinitrotoluene	NE	NE	80,000	20	ND (100)	ND (110)
3-Nitroaniline	NE	NE	NE	NE	ND (100)	ND (110)
Acenaphthene	NE	NE	4,800,000	4,100	ND (21)	ND (23)
2,4-Dinitrophenol	NE	NE	160,000	34	ND (1,000)	ND (1,100)*
4-Nitrophenol	NE	NE	NE	NE	ND (1,000)	ND (1,100)
Dibenzofuran	NE	NE	80,000	NE	ND (100)	ND (110)
2,4-Dinitrotoluene	NE	NE	160,000	0.28	ND (100)	ND (110)
Diethyl phthalate	NE	NE	64,000,000	4,700	ND (210)	ND (230)
4-Chlorophenyl-phenyl ether	NE	NE	NE	NE	ND (100)	ND (110)
Fluorene	NE	NE	3,200,000	4,000	ND (21)	ND (23)

Table 7
Soil Analytical Results - SVOCs
Building Exterior
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A		MTCA Method B	USEPA	SB116	SB116
Laboratory ID No.				Risk-	580-27282-40	580-27282-42
Date Sampled	Cleanup Level	Cleanup Level	Unrestricted Land	Based SSL	7/6/2011	7/6/2011
Depth (feet below grade)	Unrestricted	Industrial	Use Value	Protection of	0.5 - 1.5	6.5 - 7.5
Analytical Parameter	Land Use	Properties	(Direct Contact)	Groundwater		
4-Nitroaniline	NE	NE	NE	1.4	ND (100)	ND (110)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	NE	NE	NE	2.0	ND (1,000)	ND (1,100)
n-Nitrosodiphenylamine	NE	NE	NE	57	ND (52)	ND (57)
4-Bromophenyl phenyl ether	NE	NE	NE	NE	ND (100)	ND (110)
Hexachlorobenzene	NE	NE	630	0.53	ND (52)	ND (57)
Pentachlorophenol	NE	NE	25,000	1.7	ND (210)	ND (230)
Phenanthrene	NE	NE	NE	NE	ND (21)	ND (23)
Anthracene	NE	NE	24,000,000	42,000	ND (21)	ND (23)
Carbazole	NE	NE	NE	NE	ND (100)	ND (110)
Di-n-butyl phthalate	NE	NE	8,000,000	1,700	ND (520)	ND (570)
Fluoranthene	NE	NE	3,200,000	70,000	ND (21)	ND (23)
Pyrene	NE	NE	2,400,000	9,500	ND (21)	ND (23)
Butyl benzyl phthalate	NE	NE	16,000,000	200	ND (210)	ND (230)
3,3'-Dichlorobenzidine	NE	NE	NE	0.71	ND (210)	ND (230)
Benzo(a)anthracene	NE	NE	NE	10	ND (21)	ND (23)
Chrysene	NE	NE	NE	1,100	40	ND (29)
bis(2-Ethylhexyl)phthalate (DEHP)	NE	NE	1,600,000	17	ND (620)	ND (680)
bis(2-Chloroisopropyl)ether	NE	NE	NE	NE	ND (260)	ND (290)
Di-n-octyl phthalate	NE	NE	NE	NE	ND (520)	ND (570)
Benzo(b)fluoranthene	NE	NE	1,400	35	ND (21)	ND (23)
Benzo(k)fluoranthene	NE	NE	14,000	350	ND (26)	ND (29)
Benzo(a)pyrene	100	2,000	140	3.5	ND (31)	ND (34)
Indeno(1,2,3-cd)pyrene	NE	NE	1,400	120	ND (41)	ND (46)
Dibenzo(a,h)anthracene	NE	NE	140	11	ND (41)	ND (46)
Benzo(g,h,i)perylene	NE	NE	NE	NE	ND (26)	ND (29)*
SVOC TICs (µg/Kg)						
Total SVOC TICs	NE	NE	NE	NE	0	0

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
ND (XX) = Not detected at reported concentration.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate (LCSD) exceeds the control limits.
MTCA Method B values are most stringent values taken from Cleanup Levels and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 8
Soil Analytical Results - SVOC
Field Blank
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	FB
Laboratory ID No.	580-27282-43
Date Sampled	7/6/2011
Analytical Parameter	
Semi-Volatile Organic Compounds (µg/l)	
Phenol	ND (2.9)
bis(2-Chloroethyl)ether	ND (1.9)
2-Chlorophenol	ND (1.9)
1,3-Dichlorobenzene	ND (1.9)
1,4-Dichlorobenzene	ND (1.9)
Benzyl alcohol	ND (1.9)
1,2-Dichlorobenzene	ND (1.9)
2-Methylphenol (o-cresol)	ND (1.9)
3 & 4 Methylphenol (m&p-cresol)	ND (3.8)
n-Nitroso-di-n-propylamine	ND (1.9)
Hexachloroethane	ND (2.9)
Nitrobenzene	ND (1.9)
Isophorone	ND (1.9)
2-Nitrophenol	ND (1.9)
2,4-Dimethylphenol	ND (9.5)*
Benzoic acid	ND (9.5)
bis(2-Chloroethoxy)methane	ND (1.9)
2,4-Dichlorophenol	ND (1.9)
1,2,4-Trichlorobenzene	ND (1.9)
Naphthalene	ND (1.9)
4-Chloroaniline	ND (1.9)
Hexachlorobutadiene	ND (2.9)
4-Chloro-3-methylphenol	ND (1.9)
2-Methylnaphthalene	ND (0.95)
1-Methylnaphthalene	ND (0.29)
Hexachlorocyclopentadiene	ND (9.5)*
2,4,6-Trichlorophenol	ND (2.9)
2,4,5-Trichlorophenol	ND (1.9)
2-Chloronaphthalene	ND (0.29)
2-Nitroaniline	ND (1.9)
Dimethyl phthalate	ND (1.9)
Acenaphthylene	ND (0.38)
2,6-Dinitrotoluene	ND (1.9)
3-Nitroaniline	ND (1.9)
Acenaphthene	ND (0.48)
2,4-Dinitrophenol	ND (24)
4-Nitrophenol	ND (9.5)
Dibenzofuran	ND (1.9)
2,4-Dinitrotoluene	ND (1.9)
Diethyl phthalate	ND (1.9)
4-Chlorophenyl-phenyl ether	ND (1.9)
Fluorene	ND (0.29)
4-Nitroaniline	ND (2.9)
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ND (19)
n-Nitrosodiphenylamine	ND (1.9)
4-Bromophenyl phenyl ether	ND (1.9)
Hexachlorobenzene	ND (1.9)
Pentachlorophenol	ND (3.3)
Phenanthrene	ND (0.38)
Anthracene	ND (0.19)
Carbazole	ND (1.9)
Di-n-butyl phthalate	ND (1.9)
Fluoranthene	ND (0.24)
Pyrene	ND (0.29)
Butyl benzyl phthalate	ND (2.9)
3,3'-Dichlorobenzidine	ND (9.5)
Benzo(a)anthracene	ND (0.29)
Chrysene	ND (0.19)
bis(2-Ethylhexyl)phthalate (DEHP)	ND (14)
bis(2-Chloroisopropyl)ether	ND (1.9)
Di-n-octyl phthalate	ND (1.9)
Benzo(b)fluoranthene	ND (0.38)

Table 8
Soil Analytical Results - SVOC
Field Blank
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	FB
Laboratory ID No.	580-27282-43
Date Sampled	7/6/2011
Analytical Parameter	
Benzo(k)fluoranthene	ND (0.29)
Benzo(a)pyrene	ND (0.19)
Indeno(1,2,3-cd)pyrene	ND (0.29)
Dibenzo(a,h)anthracene	ND (0.29)
Benzo(g,h,i)perylene	ND (0.29)
SVOC TICs (µg/Kg)	
Total SVOC TICs	0

Legend:
Highlighted values equal or exceed MTCA Method A Standard.
µg/Kg = microgram per kilogram.
µg/L = microgram per liter.
B = The analyte was found in the laboratory method blank as well as in the sampl
T= Result is a tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
N = Presumptive evidence of material.
H = sample was prepped or analyzed beyond the specified holding time.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Laboratory Control Spike (LCS) or LCS Duplicate exceeds the control limit.
a = Listed as total Xylenes.
** = As soluble salts.
CLARC database. These are not standards, but are provided
for comparison purposes for analytes with no Method A
USEPA Risk Based Soil Screening Levels (SSL) for protection
MTCA = Model Toxics Control Act.
CLARC = Cleanup Levels and Risk Calculation.
USEPA = United States Environmental Protection Agency.

Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB101	SB101	SB101	SB101	SB102
Laboratory ID No.					580-27282-1	580-27282-2	580-27282-3	580-27282-4	580-27282-5
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)					0.75 - 1.75	3.5-4.5	6.5-7.5	10.0-11.0	0.75 - 1.75
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	ND (4.1)	350	410	ND (4.5)	ND (3.3)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	790 Y	10,000 Y	9,500 Y	ND (69)	ND (54)
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	170 Y	1,800 Y	1,700 Y	ND (34)	ND (27)
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	ND (2.9)	3.8	4.4	5.3	ND (3.0)
Antimony	NE	NE	NE	0.27	ND (2.9)	ND (3.3)	ND (3.4)	ND (3.6)	ND (3.0)
Beryllium	NE	NE	160	13	ND (0.24)	0.27	0.50	ND (0.30)	ND (0.25)
Cadmium	2	2	NE	0.52	ND (0.48)	ND (0.54)	ND (0.56)	ND (0.59)	ND (0.50)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	21	28	25	12	23
Copper	NE	NE	3,200	22	18	26	23	17	25
Lead	250	1,000	NE	NE	3.9	6.3	13	7.9	3.2
Nickel **	NE	NE	1,600	20	23	33	40	10	26
Selenium	NE	NE	NE	0.4	ND (4.8)	ND (5.4)	ND (5.6)	ND (5.9)	ND (5.0)
Silver	NE	NE	NE	0.6	ND (0.96)	ND (1.1)	ND (1.1)	ND (1.2)	ND (0.99)
Thallium **	NE	NE	NE	0.01	ND (4.8)	ND (5.4)	ND (5.6)	ND (5.9)	ND (5.0)
Zinc	NE	NE	24,000	290	35	45	58	39	35
Mercury	2	2	NE	0.033	0.020	0.036	0.042	0.036	0.023

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB102	SB102	SB103	SB103	SB103
Laboratory ID No.					580-27282-6	580-27282-7	580-27282-8	580-27282-9	580-27282-10
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)					6.5 -7.5	9.5 -10.5	0.75-1.75	6.5-7.5	9.0-10.0
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	25	31	ND (4.0)	37	6.3
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	3,600 Y	560	ND (53)	5,900 Y	ND (64)
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	730 Y	120	ND (26)	1,100 Y	ND (32)
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	ND (3.3)	4.7	3.4	3.3	4.2
Antimony	NE	NE	NE	0.27	ND (3.3)	ND (3.4)	ND (3.0)	ND (3.0)	ND (3.3)
Beryllium	NE	NE	160	13	ND (0.27)	0.30	0.26	ND (0.25)	ND (0.27)
Cadmium	2	2	NE	0.52	ND (0.54)	ND (0.57)	ND (0.51)	ND (0.50)	ND (0.54)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	30	35	31	29	10
Copper	NE	NE	3,200	22	31	26	24	20	25
Lead	250	1,000	NE	NE	4.0	5.1	3.7	3.1	16
Nickel **	NE	NE	1,600	20	43	45	39	25	9.8
Selenium	NE	NE	NE	0.4	ND (5.4)	ND (5.7)	ND (5.1)	ND (5.0)	ND (5.4)
Silver	NE	NE	NE	0.6	ND (1.1)	ND (1.1)	ND (1.0)	ND (0.99)	ND (1.1)
Thallium **	NE	NE	NE	0.01	ND (5.4)	ND (5.7)	ND (5.1)	ND (5.0)	ND (5.4)
Zinc	NE	NE	24,000	290	48	50	38	32	130
Mercury	2	2	NE	0.033	0.040	0.042	0.031	0.034	0.29

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB104	DUP-1	SB104	SB104	SB104
Laboratory ID No.					580-27282-11	580-27282-12	580-27282-45	580-27282-46	580-27282-47
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)					0.75-1.75		3.5 - 4.5	6.5 - 7.5	10.0 - 11.0
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	35	36	100	ND (3.6)	ND (3.9)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	11,000 Y	NA	9,900 Y	55	ND (58)
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	1,600 Y	NA	2,700 Y	ND (27)	ND (29)
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	ND (3.0)	NA	3.0	3.3	ND (3.2)
Antimony	NE	NE	NE	0.27	ND (3.0)	NA	ND (3.0)	ND (3.0)	ND (3.2)
Beryllium	NE	NE	160	13	ND (0.25)	NA	0.36	ND (0.25)	0.33
Cadmium	2	2	NE	0.52	ND (0.50)	NA	ND (0.51)	ND (0.51)	ND (0.53)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	22	NA	33	27	30
Copper	NE	NE	3,200	22	15	NA	22	22	23
Lead	250	1,000	NE	NE	2.8	NA	4.2	5.2	5.0
Nickel **	NE	NE	1,600	20	27	NA	31	29	42
Selenium	NE	NE	NE	0.4	ND (5.0)	NA	ND (5.1)	ND (5.1)	ND (5.3)
Silver	NE	NE	NE	0.6	ND (1.0)	NA	ND (1.0)	ND (1.0)	ND (1.1)
Thallium **	NE	NE	NE	0.01	ND (5.0)	NA	ND (5.1)	ND (5.1)	ND (5.3)
Zinc	NE	NE	24,000	290	50	NA	34	37	44
Mercury	2	2	NE	0.033	ND (0.016)	NA	0.042	0.038	0.046

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB105	SB105	SB106	SB106	SB107
Laboratory ID No.					580-27282-13	580-27282-14	580-27282-15	580-27282-16	580-27282-17
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)					1.0-2.0	9.5-10.5	0.5-1.5	9.5-10.5	0.5-1.5
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	ND (3.4)	ND (3.7)	ND (3.9)	ND (3.9)	ND (4.0)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	ND (53)	ND (56)	**2,300**	ND (59)	**770**
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	ND (26)	ND (28)	**310 Y**	ND (30)	**39 Y**
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	**4.2**	**7.7**	**3.5**	ND (3.4)	**6.1**
Antimony	NE	NE	NE	0.27	ND (3.2)	ND (3.4)	ND (3.0)	ND (3.4)	ND (3.1)
Beryllium	NE	NE	160	13	**0.37**	**0.38**	**0.25**	**0.34**	**0.31**
Cadmium	2	2	NE	0.52	ND (0.53)	ND (0.57)	ND (0.50)	ND (0.56)	ND (0.52)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	**30**	**36**	**30**	**35**	**33**
Copper	NE	NE	3,200	22	**32**	**26**	**20**	**23**	**28**
Lead	250	1,000	NE	NE	**3.8**	**8.1**	**3.7**	**4.7**	**4.3**
Nickel **	NE	NE	1,600	20	**35**	**37**	**40**	**47**	**32**
Selenium	NE	NE	NE	0.4	ND (5.3)	ND (5.7)	ND (5.0)	ND (5.6)	ND (5.2)
Silver	NE	NE	NE	0.6	ND (1.1)	ND (1.1)	ND (1.0)	ND (1.1)	ND (1.0)
Thallium **	NE	NE	NE	0.01	ND (5.3)	ND (5.7)	ND (5.0)	ND (5.6)	ND (5.2)
Zinc	NE	NE	24,000	290	**40**	**47**	**36**	**47**	**76**
Mercury	2	2	NE	0.033	**0.033**	**0.048**	**0.031**	**0.041**	**0.037**

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
USEPA = United States Environmental Protection Agency.

Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB107	SB108	SB108	SB108	SB109
Laboratory ID No.					580-27282-18	580-27282-19	580-27282-20	580-27282-21	580-27282-22
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)					9.5-10.5	0.5-1.5	6.5-7.5	10.0-11.0	1.0-2.0
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	ND (4.2)	ND (3.9)	ND (3.8)	ND (4.7)	ND (3.5)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	ND (56)	ND (52)	ND (57)	**260 Y**	**80**
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	ND (28)	ND (26)	ND (28)	**69 Y**	ND (26)
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	**3.2**	**3.3**	**3.2**	**12**	**3.2**
Antimony	NE	NE	NE	0.27	ND (2.8)	ND (2.7)	ND (3.0)	ND (3.6)	ND (2.9)
Beryllium	NE	NE	160	13	**0.28**	ND (0.23)	**0.31**	ND (0.30)	ND (0.24)
Cadmium	2	2	NE	0.52	ND (0.47)	ND (0.46)	ND (0.49)	ND (0.61)	ND (0.48)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	**36**	**27**	**32**	**16**	**23**
Copper	NE	NE	3,200	22	**23**	**18**	**27**	**49**	**25**
Lead	250	1,000	NE	NE	**4.3**	**2.5**	**3.6**	**99**	**2.1**
Nickel **	NE	NE	1,600	20	**42**	**27**	**40**	**10**	**29**
Selenium	NE	NE	NE	0.4	ND (4.7)	ND (4.6)	ND (4.9)	ND (6.1)	ND (4.8)
Silver	NE	NE	NE	0.6	ND (0.94)	ND (0.91)	ND (0.99)	ND (1.2)	ND (0.96)
Thallium **	NE	NE	NE	0.01	ND (4.7)	ND (4.6)	ND (4.9)	ND (6.1)	ND (4.8)
Zinc	NE	NE	24,000	290	**45**	**30**	**47**	**120**	**31**
Mercury	2	2	NE	0.033	**0.044**	**0.028**	**0.044**	**0.17**	**0.027**

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
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Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	DUP-2	SB109	SB110	SB110	SB110
Laboratory ID No.					580-27282-23	580-27282-24	580-27282-25	580-27282-26	580-27282-27
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)						10.5 - 11.5	1.0 - 2.0	11.0 - 12.0	15.0 - 16.0
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	ND (3.8)	ND (3.8)	8.7	8.4	ND (4.1)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	NA	ND (59)	70 Y	340 Y	ND (59)
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	NA	ND (29)	27 Y	120 Y	ND (29)
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	NA	3.6	3.7	3.4	5.4
Antimony	NE	NE	NE	0.27	NA	ND (3.4)	ND (3.3)	ND (3.0)	ND (3.6)
Beryllium	NE	NE	160	13	NA	0.36	0.32	0.26	0.44
Cadmium	2	2	NE	0.52	NA	ND (0.57)	ND (0.55)	ND (0.50)	ND (0.60)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	NA	29	37	39	34
Copper	NE	NE	3,200	22	NA	23	25	23	28
Lead	250	1,000	NE	NE	NA	6.5	3.3	3.4	3.6
Nickel **	NE	NE	1,600	20	NA	26	39	30	33
Selenium	NE	NE	NE	0.4	NA	ND (5.7)	ND (5.5)	ND (5.0)	ND (6.0)
Silver	NE	NE	NE	0.6	NA	ND (1.1)	ND (1.1)	ND (1.0)	ND (1.2)
Thallium **	NE	NE	NE	0.01	NA	ND (5.7)	ND (5.5)	ND (5.0)	ND (6.0)
Zinc	NE	NE	24,000	290	NA	39	38	36	36
Mercury	2	2	NE	0.033	NA	0.046	0.037	0.028	0.046

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act.
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Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB111	SB111	SB111	SB112	SB112
Laboratory ID No.					580-27282-28	580-27282-29	580-27282-30	580-27282-31	580-27282-32
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)					0.75 - 1.75	4.25 - 5.25	9.5 - 10.5	0.25 - 1.25	6.0 - 7.0
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	1,400	1,000	ND (4.1)	ND (3.4)	ND (5.4)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	16,000 Y	590 Y	ND (56)	65	ND (65)
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	2,600 Y	110 Y	ND (28)	ND (26)	ND (33)
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	3.0	3.3	3.2	3.6	ND (3.9)
Antimony	NE	NE	NE	0.27	ND (2.7)	ND (3.3)	ND (3.0)	ND (2.9)	ND (3.9)
Beryllium	NE	NE	160	13	ND (0.23)	0.29	0.25	0.29	ND (0.33)
Cadmium	2	2	NE	0.52	ND (0.45)	ND (0.55)	ND (0.50)	ND (0.48)	ND (0.65)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	21	34	15	22	15
Copper	NE	NE	3,200	22	17	22	16	19	19
Lead	250	1,000	NE	NE	3.0	3.0	14	5.2	2.9
Nickel **	NE	NE	1,600	20	24	27	12	25	12
Selenium	NE	NE	NE	0.4	ND (4.5)	ND (5.5)	ND (5.0)	ND (4.8)	ND (6.5)
Silver	NE	NE	NE	0.6	ND (0.91)	ND (1.1)	ND (0.99)	ND (0.96)	ND (1.3)
Thallium **	NE	NE	NE	0.01	ND (4.5)	ND (5.5)	ND (5.0)	ND (4.8)	ND (6.5)
Zinc	NE	NE	24,000	290	28	33	37	37	38
Mercury	2	2	NE	0.033	0.018	0.028	0.049	0.031	0.039

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
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Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB113	DUP-3	SB113	SB114	SB114
Laboratory ID No.					580-27282-33	580-27282-34	580-27282-35	580-27282-36	580-27282-37
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)					0.25 - 1.25		4.5 - 5.5	0.25 - 1.25	4.0 - 5.0
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	ND (3.5)	ND (4.2)	ND (3.7)	ND (3.6)	ND (4.1)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	67	NA	750	110	1,000
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	ND (26)	NA	54	ND (25)	72 Y
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	3.4	NA	3.4	3.7	3.1
Antimony	NE	NE	NE	0.27	ND (2.7)	NA	ND (3.0)	ND (2.9)	ND (3.1)
Beryllium	NE	NE	160	13	0.27	NA	0.25	0.28	ND (0.26)
Cadmium	2	2	NE	0.52	ND (0.46)	NA	ND (0.49)	ND (0.48)	ND (0.51)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	21	NA	32	36	19
Copper	NE	NE	3,200	22	19	NA	23	20	20
Lead	250	1,000	NE	NE	3.6	NA	3.6	3.6	2.8
Nickel **	NE	NE	1,600	20	23	NA	26	25	14
Selenium	NE	NE	NE	0.4	ND (4.6)	NA	ND (4.9)	ND (4.8)	ND (5.1)
Silver	NE	NE	NE	0.6	ND (0.92)	NA	ND (0.99)	ND (0.95)	ND (1.0)
Thallium **	NE	NE	NE	0.01	ND (4.6)	NA	ND (4.9)	ND (4.8)	ND (5.1)
Zinc	NE	NE	24,000	290	35	NA	47	36	40
Mercury	2	2	NE	0.033	0.037	NA	0.023	0.023	0.025

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
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Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB115	SB115	SB116	DUP-4	SB116*
Laboratory ID No.					580-27282-38	580-27282-39	580-27282-40	580-27282-41	580-27282-42
Date Sampled					7/6/2011	7/6/2011	7/6/2011	7/6/2011	7/6/2011
Depth (feet below concrete)					0.25 - 1.25	3.0 - 4.0	0.5 - 1.5		6.5 - 7.5
Analytical Parameter									
Total Petroleum Hydrocarbons (TPH) (mg/Kg)									
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	ND (5.4)	ND (3.6)	6.4	ND (5.5)	7.1
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE					
NWTPH-Dx									
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	220	ND (59)	2,400	NA	690
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	ND (26)	ND (30)	440 Y	NA	160 Y
Priority Pollutant Metals (mg/Kg)									
Arsenic	20	20	0.67	0.0013	9.8	2.9	8.1	NA	3.6
Antimony	NE	NE	NE	0.27	ND (2.6)	ND (2.9)	ND (2.7)	NA	ND (3.2)
Beryllium	NE	NE	160	13	0.25	ND (0.24)	ND (0.22)	NA	0.28
Cadmium	2	2	NE	0.52	ND (0.44)	ND (0.49)	ND (0.45)	NA	ND (0.53)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	13	22	18	NA	44
Copper	NE	NE	3,200	22	100	16	46	NA	27
Lead	250	1,000	NE	NE	4.6	2.4	9.5	NA	4.7
Nickel **	NE	NE	1,600	20	17	26	14	NA	30
Selenium	NE	NE	NE	0.4	ND (4.4)	ND (4.9)	ND (4.5)	NA	ND (5.3)
Silver	NE	NE	NE	0.6	ND (0.87)	ND (0.97)	ND (0.90)	NA	ND (1.1)
Thallium **	NE	NE	NE	0.01	ND (4.4)	ND (4.9)	ND (4.5)	NA	ND (5.3)
Zinc	NE	NE	24,000	290	41	34	51	NA	43
Mercury	2	2	NE	0.033	ND (0.015)	0.021	0.034	NA	0.032

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
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MTCA = Model Toxics Control Act.
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Table 9
Soil Analytical Results - TPH and Metals
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	FB
Laboratory ID No.					580-27282-43
Date Sampled					7/6/2011
Depth (feet below concrete)					NA
Analytical Parameter					
Total Petroleum Hydrocarbons (TPH) (mg/Kg)					mg/L
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	NE	NE	ND (0.050)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30	NE	NE	
NWTPH-Dx					mg/L
Motor Oil (>C24-C36)	2,000	2,000	NE	NE	ND (0.12)
#2 Diesel (C10-C24)	2,000	2,000	NE	NE	ND (0.24)
Priority Pollutant Metals (mg/Kg)					mg/L
Arsenic	20	20	0.67	0.0013	ND (0.0050)
Antimony	NE	NE	NE	0.27	ND (0.0020)
Beryllium	NE	NE	160	13	ND (0.0050)
Cadmium	2	2	NE	0.52	ND (0.0020)
Chromium	2,000 b	2,000 b	120,000 b	28,000,000 b	ND (0.025)
Copper	NE	NE	3,200	22	ND (0.020)
Lead	250	1,000	NE	NE	ND (0.0020)
Nickel **	NE	NE	1,600	20	ND (0.020)
Selenium	NE	NE	NE	0.4	ND (0.0050)
Silver	NE	NE	NE	0.6	ND (0.020)
Thallium **	NE	NE	NE	0.01	ND (0.0050)
Zinc	NE	NE	24,000	290	ND (0.040)
Mercury	2	2	NE	0.033	ND (0.00020)

Legend:
Duplicate samples were collected from previous sample listed.
Highlighted values equal or exceed MTCA Method A standard.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
Y = The chromatographic response resembles a typical fuel pattern.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NE = Not established.
* = Benzene detected at 1.3 µg/Kg.
b = Listed as Chromium III.
** = As soluble salts.
MTCA Method B values are most stringent values taken from Cleanup Level and Risk Calculation database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
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ENVISION
ENVIRONMENTAL, INC.

APPENDIX 13

Soil Data Summary Tables, from ENVISION's 2014 Progress Report

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB301A	SB301B	SB301C	SB301D	SB302A	SB302B	SB302C	SB302D
Laboratory ID No.				405416-04	405416-05	405416-06	405416-07	405438-10	405438-11	405438-12	405438-13
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	3.5-4.5	6.5-7.5	11-12	1-2	3.5-4.5	7-8	11-12
Analytical Parameter											
Volatile Organic Compounds (mg/Kg)											
Dichlorodifluoromethane (Freon 12)	NS	NS	16,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	NS	NS	0.67	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.32	0.080
Bromomethane	NS	NS	112	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane (ethyl chloride)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	2.9	ND (0.5)	ND (0.5)	1.1	ND (0.5)
Trichlorofluoromethane	NS	NS	24,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	NS	NS	72,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.54	0.59
1,1-Dichloroethene	NS	NS	4,000	ND (0.05)	ND (0.05)	0.052	ND (0.05)	0.18	1.4	110 ve/33 D	3.0
Methylene chloride (Dichloromethane)	0.02	0.02	500	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl tert-butyl ether (MTBE)	0.1	0.1	556	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
trans-1,2-Dichloroethene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.13	ND (0.05)
1,1-Dichloroethane	NS	NS	175	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	1.5	10	120 ve/150 D	17 ve/21 D
2,2-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
cis-1,2-Dichloroethene	NS	NS	160	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.38	ND (0.05)
Chloroform	NS	NS	32.3	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.22	ND (0.05)
2-Butanone (methyl ethyl ketone / MEK)	NS	NS	48,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane (EDC)	NS	NS	11	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.53	0.11
1,1,1-Trichloroethane	2	2	16,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.34	16 ve/22 D	540 ve/2,000 D	130 ve/160 D
1,1-Dichloropropene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Carbon tetrachloride	NS	NS	14.3	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Benzene	0.03	0.03	18.2	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	0.045	ND (0.03)
Trichloroethene	0.03	0.03	11	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.027	0.19	8.7	0.90
1,2-Dichloropropane	NS	NS	27.8	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromodichloromethane (Dichlorobromomethane)	NS	NS	16.1	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Dibromomethane (methylene bromide)	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NS	NS	6,400	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Toluene	7	7	6,400	ND (0.05)	ND (0.05)	ND (0.05)	0.25	ND (0.05)	0.18	12 ve/15 D	1.6
trans-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,2-Trichloroethane	NS	NS	17.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.66	0.11
2-Hexanone (methyl butyl ketone / MBK)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Tetrachloroethene	0.05	0.05	476	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)	0.15	21 ve/25 D	2.9
Dibromochloromethane	NS	NS	11.9	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromomethane (EDB)	0.005	0.005	0.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Chlorobenzene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Ethylbenzene	6	6	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.22	ND (0.05)
1,1,1,2-Tetrachloroethane	NS	NS	38.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
m-Xylene & p-Xylene	9 *	9 *	16,000	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.75	0.10
o-Xylene	9 *	9 *	16,000	ND (0.05)	ND (0.05)	ND (0.05)	0.056	ND (0.05)	ND (0.05)	0.95	0.13
Styrene	NS	NS	16,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Isopropylbenzene (cumene)	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.31	ND (0.05)
Bromoform	NS	NS	127	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
n-Propylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.89	0.12
Bromobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,3,5-Trimethylbenzene	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	1.4	0.19
1,1,2,2-Tetrachloroethane	NS	NS	5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,3-Trichloropropane	NS	NS	0.0333	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2-Chlorotoluene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
4-Chlorotoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
tert-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	0.10	ND (0.05)	ND (0.05)	3.8	0.52
1,2,4-Trimethylbenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.084	ND (0.05)
sec-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	1.3	0.17
p-Isopropyltoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	1.3	0.17

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB301A	SB301B	SB301C	SB301D	SB302A	SB302B	SB302C	SB302D
Laboratory ID No.				405416-04	405416-05	405416-06	405416-07	405438-10	405438-11	405438-12	405438-13
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	3.5-4.5	6.5-7.5	11-12	1-2	3.5-4.5	7-8	11-12
Analytical Parameter											
1,3-Dichlorobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,4-Dichlorobenzene	NS	NS	185	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dichlorobenzene	NS	NS	7,200	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	1.25	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	NS	NS	34.5	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	NS	NS	12.8	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Naphthalene	5	5	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.17	ND (0.05)
1,2,3-Trichlorobenzene	NS	NS	NS	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
VOC TICs (mg/Kg)											16
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NS	NS	NS								
1,4-Dioxane	NS	NS	10						0.76		0.52
Butane, 1,2,2,4-tetrachloro-	NS	NS	NS								0.97
Benzene, 1-ethyl-2-methyl-	NS	NS	NS								
Benzothiazole, 2-methyl-	NS	NS	NS							4.2	0.98
Phenol, 2,6-bis (1,1-dimethylethyl)-	NS	NS	NS								
Benzene, 1,2-diethyl	NS	NS	NS							1.2	
L-Phenylalanine, propyl ester	NS	NS	NS							0.81	
Benzene, 1-ethyl-2,3-dimethyl-	NS	NS	NS							1.2	
Benzene, 1-ethyl-2-methyl-	NS	NS	NS							4.1	
Benzene, 1-ethyl-3-methyl-	NS	NS	NS							1.0	
Benzene, 1-ethyl-3-methyl-	NS	NS	NS								
Benzene, 1-ethyl-2,4-dimethyl-	NS	NS	NS								
2H-1,4-Benzoxazin-3(4H)-one, 2-butyl-4-hydroxy-	NS	NS	NS								
Benzene, isocyano-	NS	NS	NS								
1-Butyne, 3-methyl-	NS	NS	NS								
Benzenamine, 4-bromo-3-methyl-	NS	NS	NS								
1,2-Dithiane	NS	NS	NS							1.1	
Cycloheptatrienylium, iodide	NS	NS	NS								
Benzene, 1,3,5-trimethyl	NS	NS	NS							2.5	
1-Propene, 1,1,3-trichloro-2-methyl-	NS	NS	NS							56	
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS	NS								
Hexanoic acid, methyl ester	NS	NS	NS								
Benzene, 2-ethyl-1,4-dimethyl-	NS	NS	NS								
1,3-Butadiene, 2-chloro-	NS	NS	NS								
Ethanone,1-(3-methylphenyl)-	NS	NS	NS								
1,3,4-Thiadiazol-2-amine, 5-(propylthio)-	NS	NS	NS							0.42	
Cyclopropanecarboxylic acid,2,3-dichloro-2,3-dimethyl, anhydride	NS	NS	NS							0.69	
Benzene, 1,2,3,4-tetramethyl-	NS	NS	NS								
Cyclohexene, 3-bromo-	NS	NS	NS								
Benzene, 4-ethyl-1,2-dimethyl	NS	NS	NS								
1-Chloro-2-Methylenecyclopropane	NS	NS	NS								
Cyclopentanol, 2-methyl-, cis-	NS	NS	NS							1.1	
Cyclopentane, methyl-	NS	NS	NS								
Butane, 1,3-dichloro-	NS	NS	NS						0.60		
Propanoic acid, 2,2-dichloro-, methyl ester	NS	NS	NS							1.5	
Oxirane, (2,2,2-trichloroethyl)-	NS	NS	NS							0.81	
Octane, 3,6-dimethyl-	NS	NS	NS								0.93
2,4-Dichloro-6-methoxy-S-triazine	NS	NS	NS								0.80
Propane, 1,1,2,2-tetrachloro-	NS	NS	NS								
Naphthalene, 1-methyl-	NS	NS	NS								
1,2,4-Thiadiazole,5-(1-methylhydrazino)-3-methylthio-	NS	NS	NS								
1-Propene, 3,3'-thiobis (2-methyl)	NS	NS	NS								
Benzene 1-isocyano-3-methoxy-	NS	NS	NS								
2-Propanethiol, 2-methyl-	NS	NS	NS								
Pulegone	NS	NS	NS								

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	SB301A	SB301B	SB301C	SB301D	SB302A	SB302B	SB302C	SB302D
Laboratory ID No.				405416-04	405416-05	405416-06	405416-07	405438-10	405438-11	405438-12	405438-13
Date Sampled	Unrestricted Land Use	Industrial Properties		5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	3.5-4.5	6.5-7.5	11-12	1-2	3.5-4.5	7-8	11-12
Analytical Parameter											
Cyclohexane (4-methylpentyl)	NS	NS	NS								
Disulfide, (1-methylethyl) (1,1-dimethylethyl)-	NS	NS	NS								
Undecane	NS	NS	NS								
Butane, 2-methyl-3-(methylthio)	NS	NS	NS								
Naphthalene,decahydro-2-methyl-	NS	NS	NS								
Decane,4-methyl	NS	NS	NS								
Tridecane	NS	NS	NS								
Nonane, 2,6-dimethyl-	NS	NS	NS								
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.alpha.,6.alpha.)]-	NS	NS	NS								
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.beta.,6.alpha.)]-	NS	NS	NS								
Cyclohexane, 1-ethyl-2-methyl-, cis-	NS	NS	NS								
Cyclohexane, 1,4-dimethyl-, trans-	NS	NS	NS								
Total VOC TICs	NS	NS	NS	0	0	0	0	0	1.36	76.6	20.2

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
mg/Kg = milligrams per kilogram.
lc = Presence of the compound is likely due to laboratory contamination.
D = Result from reanalysis on diluted sample.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
*= Listed as total xylenes.
**c = Listed as 1,3-Dichloropropene.
ND (XX) = Not detected at reported concentration.
NS = No Standard.
MTCA Method B values are most stringent of cancer/non-cancer values listed in CLARC database.
MTCA = Model Toxics Control Act.
CLARC = Cleanup Levels and Risk Calculation.
USEPA = United States Environmental Protection Agency.

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB303A	SB303B	SB303C	SB303D	SB304A	SB304B	SB304C	SB304D
Laboratory ID No.				405438-01	405438-02	405438-03	405438-05	405438-06	405438-07	405438-08	405438-09
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	3.5-4.5	6.5-7.5	8.5-9.5	0.5-1.5	3.5-4.5	7-8	8-9
Analytical Parameter											
Volatile Organic Compounds (mg/Kg)											
Dichlorodifluoromethane (Freon 12)	NS	NS	16,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	NS	NS	0.67	ND (0.05)	ND (0.05)	0.061	0.15	ND (0.05)	ND (0.05)	0.35	0.17
Bromomethane	NS	NS	112	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane (ethyl chloride)	NS	NS	NS	ND (0.5)	ND (0.5)	0.57	1.6	ND (0.5)	ND (0.5)	1.9	2.5
Trichlorofluoromethane	NS	NS	24,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	NS	NS	72,000	ND (0.5)	3.9	3.0	ND (0.5)	ND (0.5)	1.1	1.5	ND (0.5)
1,1-Dichloroethene	NS	NS	4,000	0.60	19 ve/14 D	0.68	0.12	0.13	1.7	46 ve/13 D	400 ve/37 D
Methylene chloride (Dichloromethane)	0.02	0.02	500	ND (0.5)	0.59 lc	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl tert-butyl ether (MTBE)	0.1	0.1	556	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
trans-1,2-Dichloroethene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.15	0.11
1,1-Dichloroethane	NS	NS	175	3.5	15 ve/16 D	8.0	12	1.4	15 ve/18 D	110 ve/150 D	210 ve/260 D
2,2-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
cis-1,2-Dichloroethene	NS	NS	160	ND (0.05)	ND (0.05)	ND (0.05)	0.063	ND (0.05)	0.078	0.34	0.22
Chloroform	NS	NS	32.3	ND (0.05)	0.094	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.15	ND (0.05)
2-Butanone (methyl ethyl ketone / MEK)	NS	NS	48,000	ND (0.5)	3.4	2.2	0.52	ND (0.5)	1.4	2.7	ND (0.5)
1,2-Dichloroethane (EDC)	NS	NS	11	0.063	0.037	0.091	0.063	ND (0.05)	0.20	0.49	0.26
1,1,1-Trichloroethane	2	2	16,000	8.8	310 ve/470 D	13 ve/15 D	0.39	3.1	53 ve/68 D	510 ve/1,500 D	990 ve/4,900 D
1,1-Dichloropropene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Carbon tetrachloride	NS	NS	14.3	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Benzene	0.03	0.03	18.2	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	0.046
Trichloroethene	0.03	0.03	11	0.053	0.073	0.052	ND (0.02)	ND (0.02)	0.13	1.8	8.2
1,2-Dichloropropane	NS	NS	27.8	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromodichloromethane (Dichlorobromomethane)	NS	NS	16.1	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Dibromomethane (methylene bromide)	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NS	NS	6,400	ND (0.5)	0.77	0.88	ND (0.5)	ND (0.5)	ND (0.5)	1.0	ND (0.5)
cis-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Toluene	7	7	6,400	ND (0.05)	0.85	0.11	0.26	ND (0.05)	0.33	1.6	24 ve/30 D
trans-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,2-Trichloroethane	NS	NS	17.5	ND (0.05)	0.17	ND (0.05)	ND (0.05)	ND (0.05)	0.077	0.28	0.17
2-Hexanone (methyl butyl ketone / MBK)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Tetrachloroethene	0.05	0.05	476	0.071	0.76	0.11	0.14	0.027	0.27	0.87	30 ve/36 D
Dibromochloromethane	NS	NS	11.9	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromomethane (EDB)	0.005	0.005	0.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Chlorobenzene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Ethylbenzene	6	6	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.67
1,1,1,2-Tetrachloroethane	NS	NS	38.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
m-Xylene & p-Xylene	9 *	9 *	16,000	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	2.3
o-Xylene	9 *	9 *	16,000	ND (0.05)	0.16	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.60	3.4
Styrene	NS	NS	16,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Isopropylbenzene (cumene)	NS	NS	8,000	ND (0.05)	0.059	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.30	1.0
Bromoform	NS	NS	127	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
n-Propylbenzene	NS	NS	8,000	ND (0.05)	0.16	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.73	2.7
Bromobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,3,5-Trimethylbenzene	NS	NS	800	0.086	0.24	ND (0.05)	ND (0.05)	ND (0.05)	0.057	2.5	3.6
1,1,2,2-Tetrachloroethane	NS	NS	5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,3-Trichloropropane	NS	NS	0.0333	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2-Chlorotoluene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
4-Chlorotoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
tert-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,4-Trimethylbenzene	NS	NS	NS	0.16	0.52	ND (0.05)	0.060	ND (0.05)	0.14	1.6	9.5
sec-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.16
p-Isopropyltoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.21

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB303A	SB303B	SB303C	SB303D	SB304A	SB304B	SB304C	SB304D
Laboratory ID No.				405438-01	405438-02	405438-03	405438-05	405438-06	405438-07	405438-08	405438-09
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	3.5-4.5	6.5-7.5	8.5-9.5	0.5-1.5	3.5-4.5	7-8	8-9
Analytical Parameter											
1,3-Dichlorobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,4-Dichlorobenzene	NS	NS	185	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dichlorobenzene	NS	NS	7,200	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	1.25	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	NS	NS	34.5	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	NS	NS	12.8	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Naphthalene	5	5	1,600	ND (0.05)	ND (0.05)	0.064	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.42
1,2,3-Trichlorobenzene	NS	NS	NS	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
VOC TICs (mg/Kg)											
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NS	NS	NS	1.0			0.78				140
1,4-Dioxane	NS	NS	10	0.65	1.5	0.46		0.57			
Butane, 1,2,2,4-tetrachloro-	NS	NS	NS		4.6	1.0			8.7 ve/12.3 D		
Benzene, 1-ethyl-2-methyl-	NS	NS	NS		1.3					7.0	19
Benzothiazole, 2-methyl-	NS	NS	NS						0.75		
Phenol, 2,6-bis (1,1-dimethylethyl)-	NS	NS	NS							17	16
Benzene, 1,2-diethyl	NS	NS	NS							7.0	
L-Phenylalanine, propyl ester	NS	NS	NS							3.2	
Benzene, 1-ethyl-2,3-dimethyl-	NS	NS	NS							2.5	
Benzene, 1-ethyl-2-methyl-	NS	NS	NS							2.4	4.2
Benzene, 1-ethyl-3-methyl-	NS	NS	NS							2.0	
Benzene, 1-ethyl-3-methyl-	NS	NS	NS								
Benzene, 1-ethyl-2,4-dimethyl-	NS	NS	NS							1.7	
2H-1,4-Benzoxazin-3(4H)-one, 2-butyl-4-hydroxy-	NS	NS	NS							1.5	
Benzene, isocyano-	NS	NS	NS							0.9	1.2
1-Butyne, 3-methyl-	NS	NS	NS							0.8	
Benzenamine, 4-bromo-3-methyl-	NS	NS	NS								5.5
1,2-Dithiane	NS	NS	NS								5.4
Cycloheptatrienylium, iodide	NS	NS	NS								3.1
Benzene, 1,3,5-trimethyl	NS	NS	NS								3.0
1-Propene, 1,1,3-trichloro-2-methyl-	NS	NS	NS								2.4
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS	NS								
Hexanoic acid, methyl ester	NS	NS	NS								2.2
Benzene, 2-ethyl-1,4-dimethyl-	NS	NS	NS								2.0
1,3-Butadiene, 2-chloro-	NS	NS	NS								1.7
Ethanone,1-(3-methylphenyl)-	NS	NS	NS								1.6
1,3,4-Thiadiazol-2-amine, 5-(propylthio)-	NS	NS	NS								1.1
Cyclopropanecarboxylic acid,2,3-dichloro-2,3-dimethyl, anhydride	NS	NS	NS								0.95
Benzene, 1,2,3,4-tetramethyl-	NS	NS	NS								0.91
Cyclohexene, 3-bromo-	NS	NS	NS								0.87
Benzene, 4-ethyl-1,2-dimethyl	NS	NS	NS								0.81
1-Chloro-2-Methylenecyclopropane	NS	NS	NS								0.72
Cyclopentanol, 2-methyl-, cis-	NS	NS	NS								0.71
Cyclopentane, methyl-	NS	NS	NS								3.0
Butane, 1,3-dichloro-	NS	NS	NS								0.63
Propanoic acid, 2,2-dichloro-, methyl ester	NS	NS	NS								
Oxirane, (2,2,2-trichloroethyl)-	NS	NS	NS								
Octane, 3,6-dimethyl-	NS	NS	NS								
2,4-Dichloro-6-methoxy-S-triazine	NS	NS	NS								
Propane, 1,1,2,2-tetrachloro-	NS	NS	NS								
Naphthalene, 1-methyl-	NS	NS	NS								
1,2,4-Thiadiazole,5-(1-methylhydrazino)-3-methylthio-	NS	NS	NS								
1-Propene, 3,3'-thiobis (2-methyl)	NS	NS	NS								
Benzene 1-isocyano-3-methoxy-	NS	NS	NS								
2-Propanethiol, 2-methyl-	NS	NS	NS								
Pulegone	NS	NS	NS								

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB303A	SB303B	SB303C	SB303D	SB304A	SB304B	SB304C	SB304D
Laboratory ID No.				405438-01	405438-02	405438-03	405438-05	405438-06	405438-07	405438-08	405438-09
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	3.5-4.5	6.5-7.5	8.5-9.5	0.5-1.5	3.5-4.5	7-8	8-9
Analytical Parameter											
Cyclohexane,(4-methylpentyl)	NS	NS	NS								
Disulfide, (1-methylethyl) (1,1-dimethylethyl)-	NS	NS	NS								
Undecane	NS	NS	NS								
Butane, 2-methyl-3-(methylthio)	NS	NS	NS								
Naphthalene,decahydro-2-methyl-	NS	NS	NS								
Decane,4-methyl	NS	NS	NS								
Tridecane	NS	NS	NS								
Nonane, 2,6-dimethyl-	NS	NS	NS								
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.alpha.,6.alpha.)]-	NS	NS	NS								
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,(1R-(1.alpha.,4.beta.,6.alpha.))-	NS	NS	NS								
Cyclohexane, 1-ethyl-2-methyl-, cis-	NS	NS	NS								
Cyclohexane, 1,4-dimethyl-, trans-	NS	NS	NS								
Total VOC TICs	NS	NS	NS	1.65	7.4	1.46	0.8	0.57	9.45 / 12.3	46.0	217

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
mg/Kg = milligrams per kilogram.
lc = Presence of the compound is likely due to laboratory contamination.
D = Result from reanalysis on diluted sample.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
*= Listed as total xylenes.
**c = Listed as 1,3-Dichloropropene.
ND (XX) = Not detected at reported concentration.
NS = No Standard.
MTCA Method B values are most stringent of cancer/non-cancer values listed in CLARC database.
MTCA = Model Toxics Control Act.
CLARC = Cleanup Levels and Risk Calculation.
USEPA = United States Environmental Protection Agency.

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB311A	SB311B	SB311C	SB312A	SB312B	SB312C	SB313A	SB313B
Laboratory ID No.				405438-17	405438-18	405438-19	405438-23	405438-24	405438-25	405438-20	405438-21
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	2-3	6-7	0.5-1.5	2-3	5.5-6.5	0.5-1.5	2-3
Analytical Parameter											
Volatile Organic Compounds (mg/Kg)											
Dichlorodifluoromethane (Freon 12)	NS	NS	16,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	NS	NS	0.67	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromomethane	NS	NS	112	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane (ethyl chloride)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichlorofluoromethane	NS	NS	24,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	NS	NS	72,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	NS	NS	4,000	ND (0.05)	0.13	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Methylene chloride (Dichloromethane)	0.02	0.02	500	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl tert-butyl ether (MTBE)	0.1	0.1	556	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
trans-1,2-Dichloroethene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1-Dichloroethane	NS	NS	175	ND (0.05)	0.28	ND (0.05)	ND (0.05)	0.065	ND (0.05)	ND (0.05)	0.052
2,2-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
cis-1,2-Dichloroethene	NS	NS	160	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Chloroform	NS	NS	32.3	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2-Butanone (methyl ethyl ketone / MEK)	NS	NS	48,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane (EDC)	NS	NS	11	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,1-Trichloroethane	2	2	16,000	ND (0.05)	0.52	0.054 lc	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1-Dichloropropene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Carbon tetrachloride	NS	NS	14.3	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Benzene	0.03	0.03	18.2	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)
Trichloroethene	0.03	0.03	11	ND (0.02)	0.023	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
1,2-Dichloropropane	NS	NS	27.8	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromodichloromethane (Dichlorobromomethane)	NS	NS	16.1	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Dibromomethane (methylene bromide)	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NS	NS	6,400	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Toluene	7	7	6,400	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
trans-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,2-Trichloroethane	NS	NS	17.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2-Hexanone (methyl butyl ketone / MBK)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Tetrachloroethene	0.05	0.05	476	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)
Dibromochloromethane	NS	NS	11.9	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromomethane (EDB)	0.005	0.005	0.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Chlorobenzene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Ethylbenzene	6	6	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,1,2-Tetrachloroethane	NS	NS	38.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
m-Xylene & p-Xylene	9 *	9 *	16,000	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
o-Xylene	9 *	9 *	16,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Styrene	NS	NS	16,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Isopropylbenzene (cumene)	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromoform	NS	NS	127	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
n-Propylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,3,5-Trimethylbenzene	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,2,2-Tetrachloroethane	NS	NS	5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,3-Trichloropropane	NS	NS	0.0333	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2-Chlorotoluene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
4-Chlorotoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
tert-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,4-Trimethylbenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
sec-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
p-Isopropyltoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB311A	SB311B	SB311C	SB312A	SB312B	SB312C	SB313A	SB313B
Laboratory ID No.				405438-17	405438-18	405438-19	405438-23	405438-24	405438-25	405438-20	405438-21
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	2-3	6-7	0.5-1.5	2-3	5.5-6.5	0.5-1.5	2-3
Analytical Parameter											
1,3-Dichlorobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,4-Dichlorobenzene	NS	NS	185	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dichlorobenzene	NS	NS	7,200	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	1.25	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	NS	NS	34.5	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	NS	NS	12.8	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Naphthalene	5	5	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,3-Trichlorobenzene	NS	NS	NS	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
VOC TICs (mg/Kg)											
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NS	NS	NS								
1,4-Dioxane	NS	NS	10								
Butane, 1,2,2,4-tetrachloro-	NS	NS	NS								
Benzene, 1-ethyl-2-methyl-	NS	NS	NS								
Benzothiazole, 2-methyl-	NS	NS	NS								
Phenol, 2,6-bis (1,1-dimethylethyl)-	NS	NS	NS								
Benzene, 1,2-diethyl	NS	NS	NS								
L-Phenylalanine, propyl ester	NS	NS	NS								
Benzene, 1-ethyl-2,3-dimethyl-	NS	NS	NS								
Benzene, 1-ethyl-2-methyl-	NS	NS	NS								
Benzene, 1-ethyl-3-methyl-	NS	NS	NS								
Benzene, 1-ethyl-3-methyl-	NS	NS	NS								
Benzene, 1-ethyl-2,4-dimethyl-	NS	NS	NS								
2H-1,4-Benzoxazin-3(4H)-one, 2-butyl-4-hydroxy-	NS	NS	NS								
Benzene, isocyano-	NS	NS	NS								
1-Butyne, 3-methyl-	NS	NS	NS								
Benzenamine, 4-bromo-3-methyl-	NS	NS	NS								
1,2-Dithiane	NS	NS	NS								
Cycloheptatrienylium, iodide	NS	NS	NS								
Benzene, 1,3,5-trimethyl	NS	NS	NS								
1-Propene, 1,1,3-trichloro-2-methyl-	NS	NS	NS								
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS	NS								
Hexanoic acid, methyl ester	NS	NS	NS								
Benzene, 2-ethyl-1,4-dimethyl-	NS	NS	NS								
1,3-Butadiene, 2-chloro-	NS	NS	NS								
Ethanone, 1-(3-methylphenyl)-	NS	NS	NS								
1,3,4-Thiadiazol-2-amine, 5-(propylthio)-	NS	NS	NS								
Cyclopropanecarboxylic acid,2,3-dichloro-2,3-dimethyl, anhydride	NS	NS	NS								
Benzene, 1,2,3,4-tetramethyl-	NS	NS	NS								
Cyclohexene, 3-bromo-	NS	NS	NS								
Benzene, 4-ethyl-1,2-dimethyl	NS	NS	NS								
1-Chloro-2-Methylenecyclopropane	NS	NS	NS								
Cyclopentanol, 2-methyl-, cis-	NS	NS	NS								
Cyclopentane, methyl-	NS	NS	NS								
Butane, 1,3-dichloro-	NS	NS	NS								
Propanoic acid, 2,2-dichloro-, methyl ester	NS	NS	NS								
Oxirane, (2,2,2-trichloroethyl)-	NS	NS	NS								
Octane, 3,6-dimethyl-	NS	NS	NS								
2,4-Dichloro-6-methoxy-S-triazine	NS	NS	NS								
Propane, 1,1,2,2-tetrachloro-	NS	NS	NS								
Naphthalene, 1-methyl-	NS	NS	NS								
1,2,4-Thiadiazole,5-(1-methylhydrazino)-3-methylthio-	NS	NS	NS								
1-Propene, 3,3'-thiobis (2-methyl)	NS	NS	NS								
Benzene 1-isocyano-3-methoxy-	NS	NS	NS								
2-Propanethiol, 2-methyl-	NS	NS	NS								
Pulegone											

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB311A	SB311B	SB311C	SB312A	SB312B	SB312C	SB313A	SB313B
Laboratory ID No.				405438-17	405438-18	405438-19	405438-23	405438-24	405438-25	405438-20	405438-21
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				0.5-1.5	2-3	6-7	0.5-1.5	2-3	5.5-6.5	0.5-1.5	2-3
Analytical Parameter											
Cyclohexane (4-methylcentyl)	NS	NS	NS								
Disulfide, (1-methylethyl) (1,1-dimethylethyl)-	NS	NS	NS								
Undecane	NS	NS	NS								
Butane, 2-methyl-3-(methylthio)	NS	NS	NS								
Naphthalene,decahydro-2-methyl-	NS	NS	NS								
Decane,4-methyl	NS	NS	NS								
Tridecane	NS	NS	NS								
Nonane, 2,6-dimethyl-	NS	NS	NS								
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.alpha.,6.alpha.)]-	NS	NS	NS								
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.beta.,6.alpha.)]-	NS	NS	NS								
Cyclohexane, 1-ethyl-2-methyl-, cis-	NS	NS	NS								
Cyclohexane, 1,4-dimethyl-, trans-	NS	NS	NS								
Total VOC TICs	NS	NS	NS	0	0	0	0	0	0	0	0

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
mg/Kg = milligrams per kilogram.
lc = Presence of the compound is likely due to laboratory contamination.
D = Result from reanalysis on diluted sample.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
*= Listed as total xylenes.
**c = Listed as 1,3-Dichloropropene.
ND (XX) = Not detected at reported concentration.
NS = No Standard.
MTCA Method B values are most stringent of cancer/non-cancer values listed in CLARC database.
MTCA = Model Toxics Control Act.
CLARC = Cleanup Levels and Risk Calculation.
USEPA = United States Environmental Protection Agency.

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB313C	SB314A	SB314B	SB314C	SB315A	SB315B	SB315C	SB316A
Laboratory ID No.				405438-22	405416-08	405416-09	405416-10	405416-11	405416-12	405416-13	405438-14
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/21/2014
Depth (feet below grade)				6-7	0.5-1.5	4.25-5.25	11-12	0.5-1.5	4.25-5.25	7-8	0.5-1.5
Analytical Parameter											
Volatile Organic Compounds (mg/Kg)											
Dichlorodifluoromethane (Freon 12)	NS	NS	16,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	NS	NS	0.67	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromomethane	NS	NS	112	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane (ethyl chloride)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichlorofluoromethane	NS	NS	24,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	NS	NS	72,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	NS	NS	4,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Methylene chloride (Dichloromethane)	0.02	0.02	500	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl tert-butyl ether (MTBE)	0.1	0.1	556	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
trans-1,2-Dichloroethene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1-Dichloroethane	NS	NS	175	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2,2-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
cis-1,2-Dichloroethene	NS	NS	160	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Chloroform	NS	NS	32.3	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2-Butanone (methyl ethyl ketone / MEK)	NS	NS	48,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane (EDC)	NS	NS	11	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,1-Trichloroethane	2	2	16,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1-Dichloropropene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Carbon tetrachloride	NS	NS	14.3	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Benzene	0.03	0.03	18.2	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.03)
Trichloroethene	0.03	0.03	11	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
1,2-Dichloropropane	NS	NS	27.8	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromodichloromethane (Dichlorobromomethane)	NS	NS	16.1	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Dibromomethane (methylene bromide)	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NS	NS	6,400	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Toluene	7	7	6,400	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
trans-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,2-Trichloroethane	NS	NS	17.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2-Hexanone (methyl butyl ketone / MBK)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Tetrachloroethene	0.05	0.05	476	ND (0.025)	0.35	ND (0.025)	ND (0.025)	0.059	ND (0.025)	ND (0.025)	ND (0.025)
Dibromochloromethane	NS	NS	11.9	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromomethane (EDB)	0.005	0.005	0.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Chlorobenzene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Ethylbenzene	6	6	8,000	ND (0.05)	0.064	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,1,1,2-Tetrachloroethane	NS	NS	38.5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
m-Xylene & p-Xylene	9 *	9 *	16,000	ND (0.1)	0.21	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
o-Xylene	9 *	9 *	16,000	ND (0.05)	0.061	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Styrene	NS	NS	16,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Isopropylbenzene (cumene)	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromoform	NS	NS	127	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
n-Propylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Bromobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,3,5-Trimethylbenzene	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.074	ND (0.05)	ND (0.05)	ND (0.05)
1,1,2,2-Tetrachloroethane	NS	NS	5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,3-Trichloropropane	NS	NS	0.0333	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
2-Chlorotoluene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
4-Chlorotoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
tert-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,4-Trimethylbenzene	NS	NS	NS	ND (0.05)	0.17	ND (0.05)	ND (0.05)	0.17	ND (0.05)	ND (0.05)	ND (0.05)
sec-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
p-Isopropyltoluene	NS	NS	NS	ND (0.05)	0.054	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	SB313C	SB314A	SB314B	SB314C	SB315A	SB315B	SB315C	SB316A
Laboratory ID No.				405438-22	405416-08	405416-09	405416-10	405416-11	405416-12	405416-13	405438-14
Date Sampled	Unrestricted Land Use	Industrial Properties		5/21/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/21/2014
Depth (feet below grade)				6-7	0.5-1.5	4.25-5.25	11-12	0.5-1.5	4.25-5.25	7-8	0.5-1.5
Analytical Parameter											
1,3-Dichlorobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,4-Dichlorobenzene	NS	NS	185	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dichlorobenzene	NS	NS	7,200	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	1.25	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	NS	NS	34.5	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	NS	NS	12.8	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Naphthalene	5	5	1,600	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2,3-Trichlorobenzene	NS	NS	NS	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
VOC TICs (mg/Kg)											
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NS	NS	NS								
1,4-Dioxane	NS	NS	10								
Butane, 1,2,2,4-tetrachloro-	NS	NS	NS								
Benzene, 1-ethyl-2-methyl-	NS	NS	NS								
Benzothiazole, 2-methyl-	NS	NS	NS								
Phenol, 2,6-bis (1,1-dimethylethyl)-	NS	NS	NS								
Benzene, 1,2-diethyl	NS	NS	NS								
L-Phenylalanine, propyl ester	NS	NS	NS					3.2			
Benzene, 1-ethyl-2,3-dimethyl-	NS	NS	NS								
Benzene, 1-ethyl-2-methyl-	NS	NS	NS					0.39			
Benzene, 1-ethyl-3-methyl-	NS	NS	NS								
Benzene, 1-ethyl-3-methyl-	NS	NS	NS								
Benzene, 1-ethyl-2,4-dimethyl-	NS	NS	NS								
2H-1,4-Benzoxazin-3(4H)-one, 2-butyl-4-hydroxy-	NS	NS	NS								
Benzene, isocyano-	NS	NS	NS								
1-Butyne, 3-methyl-	NS	NS	NS								
Benzenamine, 4-bromo-3-methyl-	NS	NS	NS								
1,2-Dithiane	NS	NS	NS								
Cycloheptatrienylium, iodide	NS	NS	NS								
Benzene, 1,3,5-trimethyl	NS	NS	NS								
1-Propene, 1,1,3-trichloro-2-methyl-	NS	NS	NS								
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS	NS								
Hexanoic acid, methyl ester	NS	NS	NS		4.0			1.2			
Benzene, 2-ethyl-1,4-dimethyl-	NS	NS	NS								
1,3-Butadiene, 2-chloro-	NS	NS	NS								
Ethanone,1-(3-methylphenyl)-	NS	NS	NS								
1,3,4-Thiadiazol-2-amine, 5-(propylthio)-	NS	NS	NS					1.3			
Cyclopropanecarboxylic acid,2,3-dichloro-2,3-dimethyl, anhydride	NS	NS	NS								
Benzene, 1,2,3,4-tetramethyl-	NS	NS	NS		0.48			0.69			
Cyclohexene, 3-bromo-	NS	NS	NS								
Benzene, 4-ethyl-1,2-dimethyl	NS	NS	NS								
1-Chloro-2-Methylenecyclopropane	NS	NS	NS								
Cyclopentanol, 2-methyl-, cis-	NS	NS	NS								
Cyclopentane, methyl-	NS	NS	NS								
Butane, 1,3-dichloro-	NS	NS	NS								
Propanoic acid, 2,2-dichloro-, methyl ester	NS	NS	NS								
Oxirane, (2,2,2-trichloroethyl)-	NS	NS	NS								
Octane, 3,6-dimethyl-	NS	NS	NS					0.71			
2,4-Dichloro-6-methoxy-S-triazine	NS	NS	NS								
Propane, 1,1,2,2-tetrachloro-	NS	NS	NS								
Naphthalene, 1-methyl-	NS	NS	NS								
1,2,4-Thiadiazole,5-(1-methylhydrazino)-3-methylthio-	NS	NS	NS		9.2						
1-Propene, 3,3'-thiobis (2-methyl)	NS	NS	NS		3.0			1.2			
Benzene 1-isocyano-3-methoxy-	NS	NS	NS		2.8						
2-Propanethiol, 2-methyl-	NS	NS	NS		1.6						
Pulegone	NS	NS	NS		0.92						

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB313C	SB314A	SB314B	SB314C	SB315A	SB315B	SB315C	SB316A
Laboratory ID No.				405438-22	405416-08	405416-09	405416-10	405416-11	405416-12	405416-13	405438-14
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/21/2014
Depth (feet below grade)				6-7	0.5-1.5	4.25-5.25	11-12	0.5-1.5	4.25-5.25	7-8	0.5-1.5
Analytical Parameter											
Cyclohexane (4-methylpentyl)	NS	NS	NS		0.92			0.54			
Disulfide, (1-methylethyl) (1,1-dimethylethyl)-	NS	NS	NS		0.84						
Undecane	NS	NS	NS		0.64						
Butane, 2-methyl-3-(methylthio)	NS	NS	NS		0.63						
Naphthalene,decahydro-2-methyl-	NS	NS	NS		0.56						
Decane,4-methyl	NS	NS	NS		0.38						
Tridecane	NS	NS	NS					1.1			
Nonane, 2,6-dimethyl-	NS	NS	NS					0.64			
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.alpha.,6.alpha.)]-	NS	NS	NS					0.46			
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.beta.,6.alpha.)]-	NS	NS	NS					0.37			
Cyclohexane, 1-ethyl-2-methyl-, cis-	NS	NS	NS					0.41			
Cyclohexane, 1,4-dimethyl-, trans-	NS	NS	NS					0.38			
Total VOC TICs	NS	NS	NS	0	26.0	0	0	12.6	0	0	0

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
mg/Kg = milligrams per kilogram.
lc = Presence of the compound is likely due to laboratory contamination.
D = Result from reanalysis on diluted sample.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
*= Listed as total xylenes.
**c = Listed as 1,3-Dichloropropene.
ND (XX) = Not detected at reported concentration.
NS = No Standard.
MTCA Method B values are most stringent of cancer/non-cancer values listed in CLARC database.
MTCA = Model Toxics Control Act.
CLARC = Cleanup Levels and Risk Calculation.
USEPA = United States Environmental Protection Agency.

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B Unrestricted Land Use Value (Direct Contact)	SB316B	SB316C	SB204RA
Laboratory ID No.				405438-15	405438-16	405438-27
Date Sampled	Unrestricted Land Use	Industrial Properties		5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				4.25-5.25	9-10	0.3-0.8
Analytical Parameter						
Volatile Organic Compounds (mg/Kg)						
Dichlorodifluoromethane (Freon 12)	NS	NS	16,000	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	NS	NS	0.67	ND (0.05)	ND (0.05)	ND (0.05)
Bromomethane	NS	NS	112	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane (ethyl chloride)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)
Trichlorofluoromethane	NS	NS	24,000	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	NS	NS	72,000	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	NS	NS	4,000	ND (0.05)	ND (0.05)	ND (0.05)
Methylene chloride (Dichloromethane)	0.02	0.02	500	ND (0.5)	ND (0.5)	ND (0.5)
Methyl tert-butyl ether (MTBE)	0.1	0.1	556	ND (0.05)	ND (0.05)	ND (0.05)
trans-1,2-Dichloroethene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)
1,1-Dichloroethane	NS	NS	175	ND (0.05)	ND (0.05)	ND (0.05)
2,2-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)
cis-1,2-Dichloroethene	NS	NS	160	ND (0.05)	ND (0.05)	ND (0.05)
Chloroform	NS	NS	32.3	ND (0.05)	ND (0.05)	ND (0.05)
2-Butanone (methyl ethyl ketone / MEK)	NS	NS	48,000	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane (EDC)	2	2	11	ND (0.05)	ND (0.05)	ND (0.05)
1,1,1-Trichloroethane	NS	NS	16,000	ND (0.05)	ND (0.05)	ND (0.05)
1,1-Dichloropropene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)
Carbon tetrachloride	0.03	0.03	14.3	ND (0.05)	ND (0.05)	ND (0.05)
Benzene	0.03	0.03	18.2	ND (0.03)	ND (0.03)	ND (0.03)
Trichloroethene	NS	NS	11	ND (0.02)	ND (0.02)	ND (0.02)
1,2-Dichloropropane	NS	NS	27.8	ND (0.05)	ND (0.05)	ND (0.05)
Bromodichloromethane (Dichlorobromomethane)	NS	NS	16.1	ND (0.05)	ND (0.05)	ND (0.05)
Dibromomethane (methylene bromide)	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	NS	NS	6,400	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)
Toluene	7	7	6,400	ND (0.05)	ND (0.05)	ND (0.05)
trans-1,3-Dichloropropene	NS	NS	10 **	ND (0.05)	ND (0.05)	ND (0.05)
1,1,2-Trichloroethane	NS	NS	17.5	ND (0.05)	ND (0.05)	ND (0.05)
2-Hexanone (methyl butyl ketone / MBK)	NS	NS	NS	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)
Tetrachloroethene	0.05	0.05	476	ND (0.025)	ND (0.025)	ND (0.025)
Dibromochloromethane	NS	NS	11.9	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromomethane (EDB)	0.005	0.005	0.5	ND (0.05)	ND (0.05)	ND (0.05)
Chlorobenzene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)
Ethylbenzene	6	6	8,000	ND (0.05)	ND (0.05)	ND (0.05)
1,1,1,2-Tetrachloroethane	NS	NS	38.5	ND (0.05)	ND (0.05)	ND (0.05)
m-Xylene & p-Xylene	9 *	9 *	16,000	ND (0.1)	ND (0.1)	ND (0.1)
o-Xylene	9 *	9 *	16,000	ND (0.05)	ND (0.05)	ND (0.05)
Styrene	NS	NS	16,000	ND (0.05)	ND (0.05)	ND (0.05)
Isopropylbenzene (cumene)	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)
Bromoform	NS	NS	127	ND (0.05)	ND (0.05)	ND (0.05)
n-Propylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)
Bromobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)
1,3,5-Trimethylbenzene	NS	NS	800	ND (0.05)	ND (0.05)	ND (0.05)
1,1,2,2-Tetrachloroethane	NS	NS	5	ND (0.05)	ND (0.05)	ND (0.05)
1,2,3-Trichloropropane	NS	NS	0.0333	ND (0.05)	ND (0.05)	ND (0.05)
2-Chlorotoluene	NS	NS	1,600	ND (0.05)	ND (0.05)	ND (0.05)
4-Chlorotoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)
tert-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)
1,2,4-Trimethylbenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)
sec-Butylbenzene	NS	NS	8,000	ND (0.05)	ND (0.05)	ND (0.05)
p-Isopropyltoluene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB316B	SB316C	SB204RA
Laboratory ID No.				405438-15	405438-16	405438-27
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				4.25-5.25	9-10	0.3-0.8
Analytical Parameter						
1,3-Dichlorobenzene	NS	NS	NS	ND (0.05)	ND (0.05)	ND (0.05)
1,4-Dichlorobenzene	NS	NS	185	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dichlorobenzene	NS	NS	7,200	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	1.25	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	NS	NS	34.5	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	NS	NS	12.8	ND (0.25)	ND (0.25)	ND (0.25)
Naphthalene	5	5	1,600	ND (0.05)	1.5	ND (0.05)
1,2,3-Trichlorobenzene	NS	NS	NS	ND (0.25)	ND (0.25)	ND (0.25)
VOC TICs (mg/Kg)						
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NS	NS	NS			
1,4-Dioxane	NS	NS	10			
Butane, 1,2,2,4-tetrachloro-	NS	NS	NS			
Benzene, 1-ethyl-2-methyl-	NS	NS	NS			
Benzothiazole, 2-methyl-	NS	NS	NS			
Phenol, 2,6-bis (1,1-dimethylethyl)-	NS	NS	NS			
Benzene, 1,2-diethyl	NS	NS	NS			
L-Phenylalanine, propyl ester	NS	NS	NS			
Benzene, 1-ethyl-2,3-dimethyl-	NS	NS	NS			
Benzene, 1-ethyl-2-methyl-	NS	NS	NS			
Benzene, 1-ethyl-3-methyl-	NS	NS	NS			
Benzene, 1-ethyl-3-methyl-	NS	NS	NS			
Benzene, 1-ethyl-2,4-dimethyl-	NS	NS	NS			
2H-1,4-Benzoxazin-3(4H)-one, 2-butyl-4-hydroxy-	NS	NS	NS			
Benzene, isocyano-	NS	NS	NS			
1-Butyne, 3-methyl-	NS	NS	NS			
Benzenamine, 4-bromo-3-methyl-	NS	NS	NS			
1,2-Dithiane	NS	NS	NS			
Cycloheptatrienylium, iodide	NS	NS	NS			
Benzene, 1,3,5-trimethyl	NS	NS	NS			
1-Propene, 1,1,3-trichloro-2-methyl-	NS	NS	NS			
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS	NS			
Hexanoic acid, methyl ester	NS	NS	NS			
Benzene, 2-ethyl-1,4-dimethyl-	NS	NS	NS			
1,3-Butadiene, 2-chloro-	NS	NS	NS			
Ethanone,1-(3-methylphenyl)-	NS	NS	NS			
1,3,4-Thiadiazol-2-amine, 5-(propylthio)-	NS	NS	NS			
Cyclopropanecarboxylic acid,2,3-dichloro-2,3-dimethyl, anhydride	NS	NS	NS			
Benzene, 1,2,3,4-tetramethyl-	NS	NS	NS			
Cyclohexene, 3-bromo-	NS	NS	NS			
Benzene, 4-ethyl-1,2-dimethyl	NS	NS	NS			
1-Chloro-2-Methylenecyclopropane	NS	NS	NS			
Cyclopentanol, 2-methyl-, cis-	NS	NS	NS			
Cyclopentane, methyl-	NS	NS	NS			
Butane, 1,3-dichloro-	NS	NS	NS			
Propanoic acid, 2,2-dichloro-, methyl ester	NS	NS	NS			
Oxirane, (2,2,2-trichloroethyl)-	NS	NS	NS			
Octane, 3,6-dimethyl-	NS	NS	NS			
2,4-Dichloro-6-methoxy-S-triazine	NS	NS	NS			
Propane, 1,1,2,2-tetrachloro-	NS	NS	NS			
Naphthalene, 1-methyl-	NS	NS	NS		0.47	
1,2,4-Thiadiazole,5-(1-methylhydrazino)-3-methylthio-	NS	NS	NS			
1-Propene, 3,3'-thiobis (2-methyl)	NS	NS	NS			
Benzene 1-isocyano-3-methoxy-	NS	NS	NS			
2-Propanethiol, 2-methyl-	NS	NS	NS			
Pulegone	NS	NS	NS			

Table 2
Soil Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level		MTCA Method B	SB316B	SB316C	SB204RA
Laboratory ID No.				405438-15	405438-16	405438-27
Date Sampled	Unrestricted Land Use	Industrial Properties	Unrestricted Land Use Value (Direct Contact)	5/21/2014	5/21/2014	5/21/2014
Depth (feet below grade)				4.25-5.25	9-10	0.3-0.8
Analytical Parameter						
Cyclohexane,(4-methylpentyl)	NS	NS	NS			
Disulfide, (1-methylethyl) (1,1-dimethylethyl)-	NS	NS	NS			
Undecane	NS	NS	NS			
Butane, 2-methyl-3-(methylthio)	NS	NS	NS			
Naphthalene,decahydro-2-methyl-	NS	NS	NS			
Decane,4-methyl	NS	NS	NS			
Tridecane	NS	NS	NS			
Nonane, 2,6-dimethyl-	NS	NS	NS			
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.alpha.,6.alpha.)]-	NS	NS	NS			
Bicyclo[4.1.0]heptan-3-one,4,7,7-trimethyl-,[1R-(1.alpha.,4.beta.,6.alpha.)]-	NS	NS	NS			
Cyclohexane, 1-ethyl-2-methyl-, cis-	NS	NS	NS			
Cyclohexane, 1,4-dimethyl-, trans-	NS	NS	NS			
Total VOC TICs	NS	NS	NS	0	0.47	0

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
mg/Kg = milligrams per kilogram.
lc = Presence of the compound is likely due to laboratory contamination.
D = Result from reanalysis on diluted sample.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
*= Listed as total xylenes.
**c = Listed as 1,3-Dichloropropene.
ND (XX) = Not detected at reported concentration.
NS = No Standard.
MTCA Method B values are most stringent of cancer/non-cancer values listed in CLARC database.
MTCA = Model Toxics Control Act.
CLARC = Cleanup Levels and Risk Calculation.
USEPA = United States Environmental Protection Agency.

Table 3
Soil Field and Trip Blank Analytical Results - Volatile Organic Compounds
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	FB	TB	FB	TB
Laboratory ID No.	405416-15	405416-16	405438-29	405438-28
Date Sampled	5/20/2014	5/20/2014	5/21/2014	5/21/2014
Analytical Parameter				
Volatile Organic Compounds (µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Dichlorodifluoromethane	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Bromomethane	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane (ethyl chloride)	ND (1)	ND (1)	ND (1)	ND (1)
Trichlorofluoromethane	ND (1)	ND (1)	ND (1)	ND (1)
Acetone	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether (MTBE)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	ND (1)	ND (1)	ND (1)	ND (1)
2,2-Dichloropropane	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (methyl ethyl ketone / MEK)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane (EDC)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,1-Trichloroethane	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloropropene	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	ND (1)	ND (1)	ND (1)	ND (1)
Benzene	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Trichloroethene	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane (Dichlorobromomethane)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromomethane (methylene bromide)	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-pentanone (methyl isobutyl ketone / MIBK)	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	ND (1)	ND (1)	ND (1)	ND (1)
2-Hexanone (methyl butyl ketone / MBK)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichloropropane	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromomethane (EDB)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	ND (1)	ND (1)	ND (1)	ND (1)
1,1,1,2-Tetrachloroethane	ND (1)	ND (1)	ND (1)	ND (1)
m-Xylene & p-Xylene	ND (2)	ND (2)	ND (2)	ND (2)
o-Xylene	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (cumene)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	ND (1)	ND (1)	ND (1)	ND (1)
Bromobenzene	ND (1)	ND (1)	ND (1)	ND (1)
1,3,5-Trimethylbenzene	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichloropropane	ND (1)	ND (1)	ND (1)	ND (1)
2-Chlorotoluene	ND (1)	ND (1)	ND (1)	ND (1)
4-Chlorotoluene	ND (1)	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	ND (1)	ND (1)	ND (1)	ND (1)
sec-Butylbenzene	ND (1)	ND (1)	ND (1)	ND (1)
p-Isopropyltoluene	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-Chloropropane (DBCP)	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)	ND (1)
Naphthalene	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)
VOC TICs (µg/L)				
Total VOC TICs	0	0	0	0

Legend:
µg/L = micrograms per liter.
ND (XX) = Not detected at reported concentration.

Table 4
Soil Analytical Results - TPH
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	SB301A	DUP	SB301B	SB301C	SB301D	SB302A	SB302B	SB302C
Laboratory ID No.			405416-04	405416-14	405416-05	405416-06	405416-07	405438-10	405438-11	405438-12
Date Sampled			5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below concrete)			0.5-1.5		3.5-4.5	6.5-7.5	11-12	1-2	3.5-4.5	7-8
Analytical Parameter										
Total Petroleum Hydrocarbons (TPH) (mg/Kg)										
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	ND (2)	ND (2) ht	ND (2)	ND (2)	3.2	ND (2)	3.6	160 ip
NWTPH-Gx (gasoline)(with detected Benzene)	30	30								
NWTPH-Dx										
#2 Diesel (C10-C25)	2,000	2,000	ND (50)	NA	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	220 x
Motor Oil (C25-C36)	2,000	2,000	ND (250)	NA	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	1,200

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
DUP= Duplicate sample collected from sample location SB301A on 5/20/2014.
DUP = Duplicate sample collected from sample location SB303C on 5/21/2014.
DUP2 = Duplicate sample collected from sample location SB312C on 5/21/2014.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NS = No Standard.
ip = Recovery fell outside the control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
X = Overlap from motor oil range material.
ht = The analysis was performed outside the method or client specified holding time requirement.
MTCA = Model Toxics Control Act.

Table 4
Soil Analytical Results - TPH
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	SB302D	SB303A	SB303B	SB303C	DUP	SB303D	SB304A	SB304B
Laboratory ID No.			405438-13	405438-01	405438-02	405438-03	405438-04	405438-05	405438-06	405438-07
Date Sampled			5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below concrete)			11-12	0.5-1.5	3.5-4.5	6.5-7.5		8.5-9.5	0.5-1.5	3.5-4.5
Analytical Parameter										
Total Petroleum Hydrocarbons (TPH) (mg/Kg)										
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	33	12	22	6.2	9.1	3.8	4.1	15
NWTPH-Gx (gasoline)(with detected Benzene)	30	30								
NWTPH-Dx										
#2 Diesel (C10-C25)	2,000	2,000	130 x	ND (50)	350 x	ND (50)	NA	ND (50)	56 x	180 x
Motor Oil (C25-C36)	2,000	2,000	780	ND (250)	860	ND (250)	NA	ND (250)	ND (250)	490

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
DUP= Duplicate sample collected from sample location SB301A on 5/20/2014.
DUP = Duplicate sample collected from sample location SB303C on 5/21/2014.
DUP2 = Duplicate sample collected from sample location SB312C on 5/21/2014.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NS = No Standard.
ip = Recovery fell outside the control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
X = Overlap from motor oil range material.
ht = The analysis was performed outside the method or client specified holding time requirement.
MTCA = Model Toxics Control Act.

Table 4
Soil Analytical Results - TPH
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	SB304C	SB304D	SB311A	SB311B	SB311C	SB312A	SB312B	SB312C
Laboratory ID No.			405438-08	405438-09	405438-17	405438-18	405438-19	405438-23	405438-24	405438-25
Date Sampled			5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below concrete)			7-8	8-9	0.5-1.5	2-3	6-7	0.5-1.5	2-3	5.5-6.5
Analytical Parameter										
Total Petroleum Hydrocarbons (TPH) (mg/Kg)										
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	68	300 ip	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30								
NWTPH-Dx										
#2 Diesel (C10-C25)	2,000	2,000	2,300 x	2,300 x	91 x	NA	ND (50)	200 x	ND (50)	ND (50)
Motor Oil (C25-C36)	2,000	2,000	14,000	13,000	1,400	NA	ND (250)	1,300	ND (250)	ND (250)

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
DUP= Duplicate sample collected from sample location SB301A on 5/20/2014.
DUP = Duplicate sample collected from sample location SB303C on 5/21/2014.
DUP2 = Duplicate sample collected from sample location SB312C on 5/21/2014.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NS = No Standard.
ip = Recovery fell outside the control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
X = Overlap from motor oil range material.
ht = The analysis was performed outside the method or client specified holding time requirement.
MTCA = Model Toxics Control Act.

Table 4
Soil Analytical Results - TPH
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	Dup2	SB313A	SB313B	SB313C	SB314A	SB314B	SB314C	SB315A
Laboratory ID No.			405438-26	405438-20	405438-21	405438-22	405416-08	405416-09	405416-10	405416-11
Date Sampled			5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/20/2014	5/20/2014	5/20/2014	5/20/2014
Depth (feet below concrete)				0.5-1.5	2-3	6-7	0.5-1.5	4.25-5.25	11-12	0.5-1.5
Analytical Parameter										
Total Petroleum Hydrocarbons (TPH) (mg/Kg)										
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	ND (2)	ND (2)	ND (2)	ND (2)	92	ND (2)	ND (2)	57 ip
NWTPH-Gx (gasoline)(with detected Benzene)	30	30								
NWTPH-Dx										
#2 Diesel (C10-C25)	2,000	2,000	NA	600 x	160 x	ND (50)	380 x	ND (50)	ND (50)	2,900 x
Motor Oil (C25-C36)	2,000	2,000	NA	2,600	680	ND (250)	5,300	ND (250)	ND (250)	13,000

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
DUP= Duplicate sample collected from sample location SB301A on 5/20/2014.
DUP = Duplicate sample collected from sample location SB303C on 5/21/2014.
DUP2 = Duplicate sample collected from sample location SB312C on 5/21/2014.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NS = No Standard.
ip = Recovery fell outside the control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
X = Overlap from motor oil range material.
ht = The analysis was performed outside the method or client specified holding time requirement.
MTCA = Model Toxics Control Act.

Table 4
Soil Analytical Results - TPH
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	SB315B	SB315C	SB316A	SB316B	SB316C	SB204RA
Laboratory ID No.			405416-12	405416-13	405438-14	405438-15	405438-16	405438-27
Date Sampled			5/20/2014	5/20/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
Depth (feet below concrete)			4.25-5.25	7-8	0.5-1.5	4.25-5.25	9-10	0.3-0.8
Analytical Parameter								
Total Petroleum Hydrocarbons (TPH) (mg/Kg)								
NWTPH-Gx (gasoline)(with no detected Benzene)	100	100	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
NWTPH-Gx (gasoline)(with detected Benzene)	30	30						
NWTPH-Dx								
#2 Diesel (C10-C25)	2,000	2,000	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Motor Oil (C25-C36)	2,000	2,000	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)

Legend:
Highlighted values equal or exceed MTCA Method A Cleanup Level.
DUP= Duplicate sample collected from sample location SB301A on 5/20/2014.
DUP = Duplicate sample collected from sample location SB303C on 5/21/2014.
DUP2 = Duplicate sample collected from sample location SB312C on 5/21/2014.
mg/Kg = milligram per kilogram.
mg/L = milligram per liter.
ND (XX) = Not detected at reported concentration.
NA = Not analyzed.
NS = No Standard.
ip = Recovery fell outside the control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
X = Overlap from motor oil range material.
ht = The analysis was performed outside the method or client specified holding time requirement.
MTCA = Model Toxics Control Act.

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 14

Monitoring Well Construction Logs

MONITORING WELL LOG

Envision Environmental, Inc.

WELL ID: MW-101

PROJECT LOCATION: Kent, WA
WELL LOCATION: Interior of bldg. by Schneider Filter pit
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 17'
BORING DIAMETER: 8"
DATES DRILLED: 3/8/05
WELL DEVELOPMENT RATE (GPM): 2 GPM
WATER LEVEL: 10'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
0			CONCRETE: Concrete floor.				Flush Mount, concrete pad
			ML: Brown to gray clayey silt. Oil immediately below concrete, but none observed below this. Dry in upper few feet, then moist. Wet at 10'.	Not recorded	All readings 0		2" expansion cap, lock
							2" ID PVC casing 0.25-4'
							Bentonite 0.5-3'
-5							
							2" ID PVC 0.10" slot screen 4-14'
							10/20 sand pack 3-15'
-10	▼						Well logged from cuttings
-15			End of boring 17'.				Threaded endcap

MONITORING WELL LOG

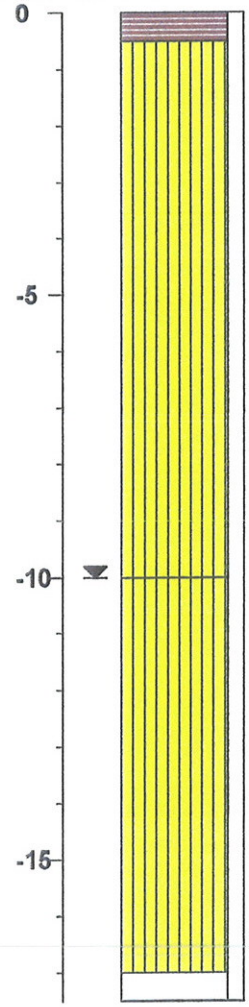
Envision Environmental, Inc.

WELL ID: MW-102

PROJECT LOCATION: Kent, WA
WELL LOCATION: Northwest corner of parking lot
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 17'
BORING DIAMETER: 8"
DATES DRILLED: 3/8/05
WELL DEVELOPMENT RATE (GPM): 2 GPM
WATER LEVEL: 10'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
0			ASPHALT: Asphalt and subbase.	Not recorded	All readings 0		Flush Mount, concrete pad
			ML: Brown to black gravelly silt, dry to moist, loose.				2" expansion cap, lock
							2" ID PVC casing 0.25-7'
							Bentonite 0.5-6'
-5							
							2" ID PVC 0.10" slot screen 7-17'
							10/20 sand pack 6-17'
-10	▼		ML: Black clayey silt, wet, soft.				Well logged from cuttings
-15			End of boring 17'.				Threaded endcap



MONITORING WELL LOG

Envision Environmental, Inc.

WELL ID: MW-103

PROJECT LOCATION: Kent, WA
WELL LOCATION: West side of parking lot
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 15'
BORING DIAMETER: 8"
DATES DRILLED: 3/7/05
WELL DEVELOPMENT RATE (GPM): 2 GPM
WATER LEVEL: 5.5'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
0			ASPHALT: Asphalt and subbase.	Not recorded	All readings 0		Flush Mount, concrete pad
			ML: Black gravelly silt, moist, medium dense.				2" expansion cap, lock
							2" ID PVC casing 0.25-4'
							Bentonite 0.5-4'
-5	▼		ML: Gray sandy silt, moist. Wet at about 5.5'.				
							2" ID PVC 0.10" slot screen 5-14'
							10/20 sand pack 4-15'
-10							Well logged from cuttings
							Threaded endcap
-15			End of boring 15'.				

MONITORING WELL LOG

Envision Environmental, Inc.

WELL ID: MW-104

PROJECT LOCATION: Kent, WA
WELL LOCATION: By drum storage area
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 15'
BORING DIAMETER: 8"
DATES DRILLED: 3/8/05
WELL DEVELOPMENT RATE (GPM): 2 GPM
WATER LEVEL: 6'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
0	▼		ASPHALT: Asphalt and subbase.	Not recorded	All readings 0		Flush Mount, concrete pad
			ML: Black gravelly silt, moist, medium dense.				2" expansion cap, lock
							2" ID PVC casing 0.25-5'
							Bentonite 0.5-4'
-5			ML: Gray sandy silt, moist, medium dense.				
			ML: Black sandy silt, wet, soft.				2" ID PVC 0.10" slot screen 5-15'
							10/20 sand pack 4-15'
-10							Well logged from cuttings
-15			End of boring 15'.				Threaded endcap

MONITORING WELL LOG

Envision Environmental, Inc.

WELL ID: MW-105

PROJECT LOCATION: Kent, WA
WELL LOCATION: By ETMW-1
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 15'
BORING DIAMETER: 8"
DATES DRILLED: 3/9/05
WELL DEVELOPMENT RATE (GPM): 2 GPM
WATER LEVEL: 7'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA

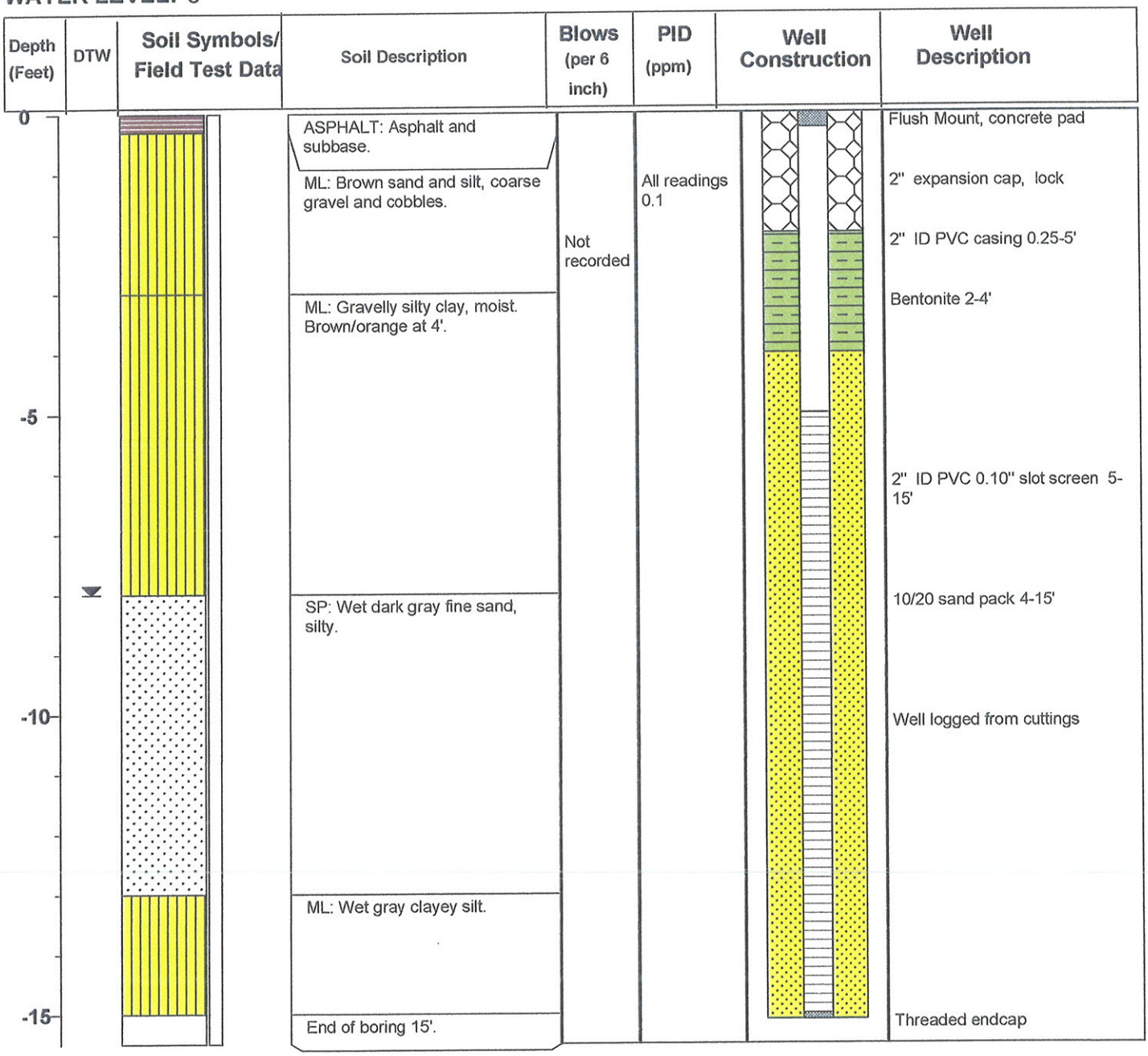
Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
0	▼		ASPHALT: Asphalt and subbase.	Not recorded	All readings 0		Flush Mount, concrete pad
			ML: Brown gravelly silt, dry, medium dense.				2" expansion cap, lock
							2" ID PVC casing 0.25-5'
							Bentonite 0.5-4'
-5			ML: Gray to black clayey silt, moist. Wet at about 7'.				2" ID PVC 0.10" slot screen 5-15'
							10/20 sand pack 4-15'
-10							Well logged from cuttings
-15			End of boring 15'.				Threaded endcap

MONITORING WELL LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
WELL LOCATION: By cooling tower
JOB No: 302.REX
GEOLOGIST: J. Weakliem
TOTAL DEPTH: 15'
BORING DIAMETER: 7"
DATES DRILLED: 5/21/14
WELL DEVELOPMENT RATE (GPM): 0.5 GPM
WATER LEVEL: 8'

WELL ID: MW-105R
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holocene
DRILLER: Keven Doyle
RIG & BIT TYPE: AMS 9630
METHOD OF DRILLING: HSA/no plug



MONITORING WELL LOG

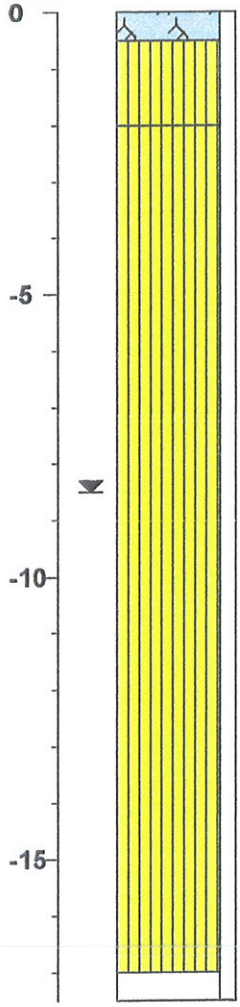
Envision Environmental, Inc.

WELL ID: MW-106

PROJECT LOCATION: Kent, WA
WELL LOCATION: North of building
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 17'
BORING DIAMETER: 8"
DATES DRILLED: 3/8/05
WELL DEVELOPMENT RATE (GPM): 2 GPM
WATER LEVEL: 8.5'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
0			TOPSOIL: Mulch and topsoil.				Flush Mount, concrete pad
			ML: Gray gravelly silt, dry.		All readings 0		2" expansion cap, lock
			ML: Gray clayey silt, moist. Wet below 8.5'.	Not recorded			2" ID PVC casing 0.25-7'
							Bentonite 0.5-6'
-5							
							2" ID PVC 0.10" slot screen 7-17'
							10/20 sand pack 6-17'
-10							Well logged from cuttings
-15			End of boring 17'.				Threaded endcap



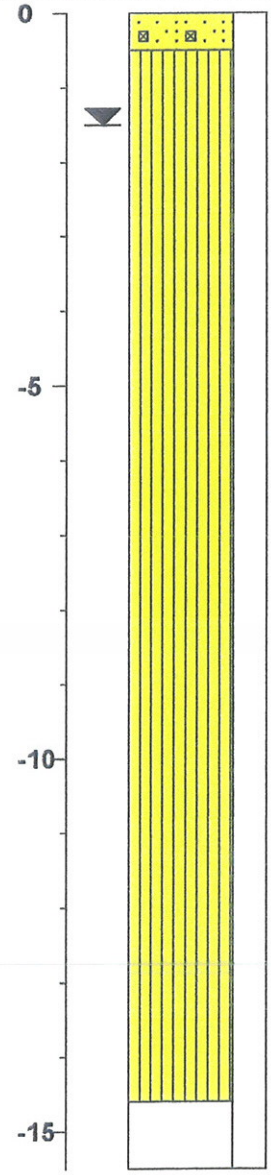
MONITORING WELL LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
WELL LOCATION: East side of building
JOB No: 302.REX
GEOLOGIST: J. Weakliem
TOTAL DEPTH: 14.6
BORING DIAMETER: 8"
DATES DRILLED: 6/14/10
WELL DEVELOPMENT RATE (GPM): 3 GPM
WATER DEPTH DURING DRILLING : 5'

WELL ID: MW-107
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av.
Kent, WA
DRILLING CO.: EDI
DRILLER: Tom Adams
RIG & BIT TYPE: Mobile B-61
METHOD OF DRILLING: HSA

DEPTH (Feet)	WL IN WELL	SOIL SYMBOLS/ FIELD TEST DATA	Soil Description	Blows (per 6 inch)	PID (response units)	Well Construction	Well Description
0			GP: Railroad ballast				Flush Mount, concrete pad
			ML: Dark gray silt, trace to minor very fine sand, wet at 5', soft.	Not recorded	All readings 0		2" expansion cap, lock
							2" ID PVC casing 0.25-4.6'
							Bentonite 0.5-2'
-5							2" ID PVC 0.10" slot screen 4.6-14.6'
							10/20 sand pack 2-14.6'
-10							Well logged from cuttings
-15			End of boring 14.6'.				



MONITORING WELL LOG

Envision Environmental, Inc.

PROJECT LOCATION: Kent, WA
WELL LOCATION: Can washer chemical storage
JOB No: 302.REX
GEOLOGIST: J. Weakliem
TOTAL DEPTH: 16"
BORING DIAMETER: 2"
DATES DRILLED: 5/20/14
WELL DEVELOPMENT RATE (GPM): 0.5 GPM
WATER LEVEL: 8'

WELL ID: MW-108
CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holocene
DRILLER: Keven Doyle
RIG & BIT TYPE: GeoProbe - Bobcat
METHOD OF DRILLING: Direct Push

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
0			CONCRETE: Floor and subbase.				Flush Mount, concrete pad
			SP: Loose brown fine sand.		9.4		Cap
			SP: Brown fine sand, some coarse gravel, silt, and clay. Dry, grades into lower unit.	N/A	9.4 4.6 5.4		1" ID PVC casing 0.25-6'
			CH: Brown moist clay, stiff, some silt, minor fine sand.		60.5 22.5 33.7		Bentonite 1-5'
-5			SP: Brown fine sand, some silt and clay.		16.9 24.6 25.2 29.2		1" ID PVC 0.10" slot screen 6-16'
	▼		CL: Dark brown clay, very moist. Wet at 8'.		5.0 2.9 1.7 0.5		10/20 sand pack 5-16'
-10			ML: Dark brown very silty fine sand, wet.		0.5 0.4 0.3 0.3 0.2 0.1		
			SP: Dark brown fine sand, silty, wet. Silt content variable.		All 0 below 12'		
-15			End of boring 16'.				Threaded endcap

MONITORING WELL LOG

Envision Environmental, Inc.

WELL ID: MW-201

PROJECT LOCATION: Kent, WA
WELL LOCATION: By MW-105
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 63.5
BORING DIAMETER: 12/6"
DATES DRILLED: 3/10-11/05
WELL DEVELOPMENT RATE (GPM): 1 GPM
WATER LEVEL: 6.4'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA/Mud rotary

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
0			ASPHALT: PAvement and subbase.	Not recorded	All 0		Flush Mount with concrete pad
			ML: Brown gravelly silt, dry.				2 inch expansion cap with lock
			ML: Gray clayey silt, moist. Wet at about 5.5'.				Concrete pad (0-0.5')
-5	▽						Outer hole drilled using HSA. Casing grouted in place and set overnight. Well logged from cuttings/CPT logs. Hole extended using 6" tricone bit and water.
-10							6 inch ID outer PVC casing (0.25-48.5')
-15			ML: Gray sandy silt, very fine, wet.				Grout from 0.5-51.5'
			ML: Gray clayey silt, wet. Increase in clay at 25'.				2 inch ID PVC casing (0.25-58.5')
-20							

MONITORING WELL LOG

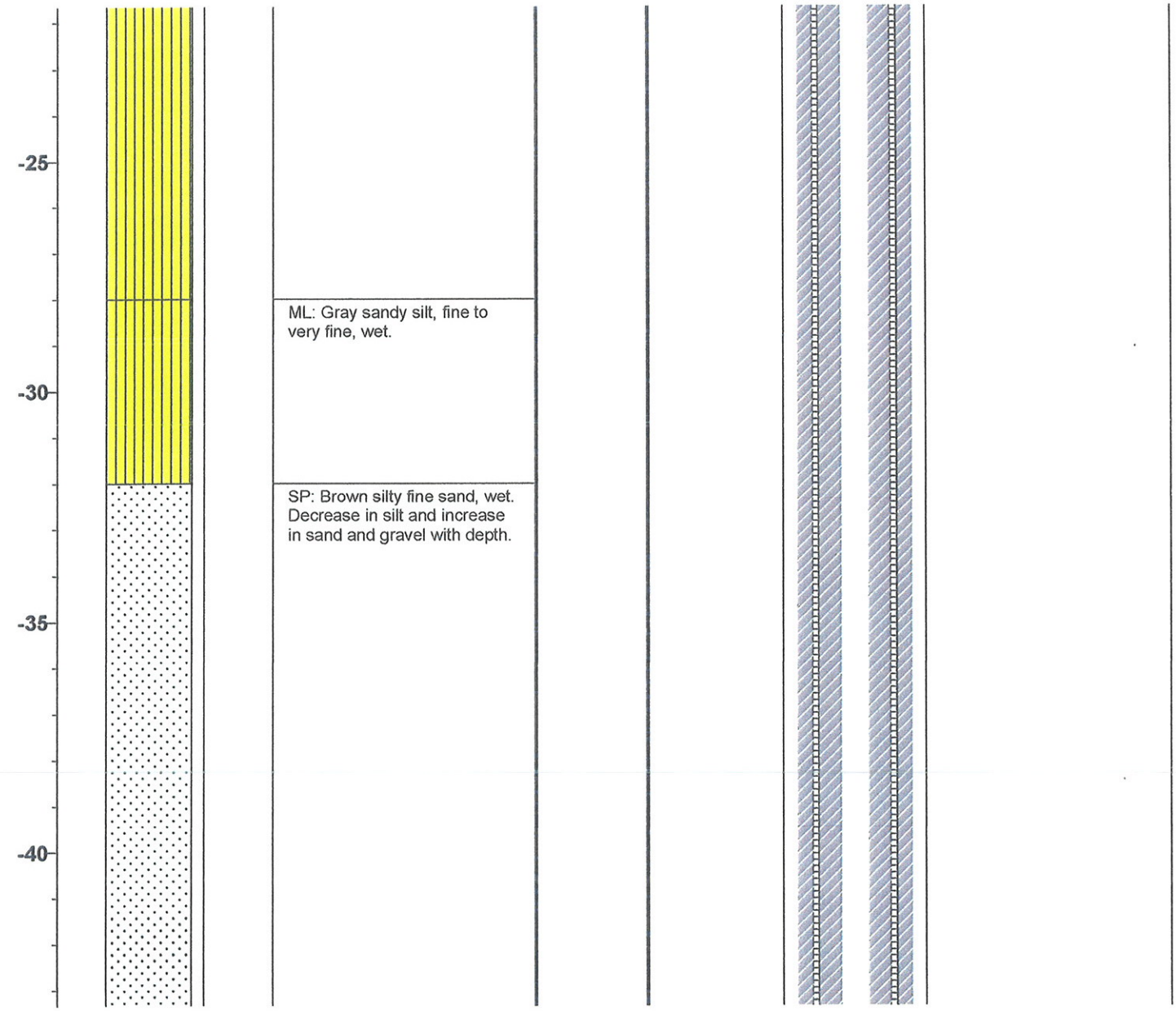
Envision Environmental, Inc.

WELL ID: MW-201

PROJECT LOCATION: Kent, WA
WELL LOCATION: By MW-105
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 63.5
BORING DIAMETER: 12/6"
DATES DRILLED: 3/10-11/05
WELL DEVELOPMENT RATE (GPM): 1 GPM
WATER LEVEL: 6.4'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA/Mud rotary

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
-25			ML: Gray sandy silt, fine to very fine, wet.				
-30			SP: Brown silty fine sand, wet. Decrease in silt and increase in sand and gravel with depth.				
-35							
-40							



MONITORING WELL LOG

Envision Environmental, Inc.

WELL ID: MW-201

PROJECT LOCATION: Kent, WA
WELL LOCATION: By MW-105
JOB No: 302.REX
GEOLOGIST: C. Cottingham
TOTAL DEPTH: 63.5
BORING DIAMETER: 12/6"
DATES DRILLED: 3/10-11/05
WELL DEVELOPMENT RATE (GPM): 1 GPM
WATER LEVEL: 6.4'

CLIENT: REXAM INC.
SITE NAME: RBCC
SITE ADDRESS: 1220 N. 2nd Av. Kent, WA
DRILLING CO.: Holt Drilling
DRILLER: Ray Kerns
RIG & BIT TYPE: LT-10
METHOD OF DRILLING: HSA/Mud rotary

Depth (Feet)	DTW	Soil Symbols/ Field Test Data	Soil Description	Blows (per 6 inch)	PID (ppm)	Well Construction	Well Description
-45			ML: Silty fine sand to sandy silt, harder drilling below 47'.				
-50			NO RECOVERY: Drilled below 50' with tricone bit, using potable water as fluid.				Bentonite seal (51.5-56.5')
-55							10/20 sand (56.5-63.5')
-60							2 inch ID PVC 10 slot screen (58.5-63.5')
			End of boring 63.5'.				Threaded endcap

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APPENDIX 15

Groundwater Sampling Procedures, February 2015

ENVISION ENVIRONMENTAL, INC.

Groundwater Sampling Procedures
February, 2015
for the
Remedial Investigation
of
REXAM Beverage Can Company
1220 North 2nd Avenue
Kent, King County, WA 98032

Site Number: 35918556
Voluntary Cleanup Program No. NW1105

All monitoring wells were sampled for VOCs plus TICs via USEPA Method 8260C, including non-preserved fractions for vinyl chloride analysis in accordance with SW-846. In addition, all wells were sampled for 1,4-dioxane via USEPA Method 8260C with Selective Ion Monitoring (SIM). Select wells were also analyzed for total dissolved solids (TDS) via Standard Method (SM) 2540C and total suspended solids (TSS) via SM 2540D.

The field sampling procedures used were those utilized by ENVISION throughout its investigation. Prior to purging the wells, the well headspace was measured using an Organic Vapor Monitor equipped with a photoionization detector (PID) and the result recorded. The depth to water was measured using a Solinst electronic water level meter and recorded to the nearest 0.01 foot. The monitoring wells were gauged and sampled from clean to contaminated to minimize the potential for cross-contamination. Each well was purged to remove stagnant water within the well casing and sand pack. Low-flow purging/sampling was used to minimize turbidity. The shallow wells were purged using a peristaltic pump equipped with Teflon-lined polyethylene tubing of ¼ inch internal diameter. The end of the tubing was set to the center of the screened interval. During purging, depth to water was monitored using an electronic water level meter in the 2 inch diameter wells; this was not possible in the smaller diameter ETMW-series wells. All samples were collected through the pump, with the exception of VOCs. To collect VOCs, the tubing was carefully withdrawn from the well, and the pump flow was reversed to fill the containers as the final step in the sampling process.

Monitoring well MW-201 (the only well with a screened interval below the lift of a peristaltic pump) was sampled using a decontaminated Grundfos submersible pump equipped with Teflon-lined polyethylene tubing of ¼ inch internal diameter. The pump was set at the center of the screened interval. Samples were collected directly through the pump.

During purging, water quality parameters (temperature, pH, dissolved oxygen, specific conductivity, oxidation-reduction potential (ORP) and turbidity) were measured using a Horiba U-52-2 water quality meter and a flow-through cell to monitor well stabilization. Data were recorded on field forms. Purging was conducted in accordance with USEPA Region 9 Guidance

and Protocols.

Groundwater samples were collected into new laboratory-supplied bottles containing preservatives appropriate for the specific analytes. Each sample was immediately labeled with project identification, sample identification and time and date of sample collection, then immediately placed in a laboratory cooler containing ice. The samples for this event were transported under chain-of-custody protocol to Friedman & Bruya Inc. (F&BI) of Seattle, WA for analysis. Analyses for TDS were subcontracted to Am Test, Inc. (AMTEST) of Kirkland, WA (an appropriately-qualified and Washington-licensed analytical laboratory) for analysis; these samples were shipped by F&BI under chain-of-custody procedures to AMTEST. One (1) blind duplicate sample was collected on each day of sampling for VOC and 1,4-dioxane. Field blanks were collected each day for the VOC and 1,4-dioxane analyses by collecting laboratory-supplied analyte-free water through new sampling equipment into appropriately preserved containers. Each cooler containing VOC and 1,4-dioxane samples also contained a laboratory-supplied trip blank. Table 3 lists the analytical methods, sample bottles, sample preservation, and holding times.

Before starting sampling on each day, all field equipment was calibrated. The PID was calibrated using a standard of 100 parts per million of isobutylene. The water quality meter was calibrated using the auto-calibration procedure and the appropriate calibration solution supplied by the equipment rental company. Spare equipment was available in case of equipment failure.

Field personnel wore nitrile gloves, which were changed before collecting samples. All disposable equipment was replaced between wells. All reusable equipment was decontaminated between wells by first washing it with a solution of Alconox and potable water, followed by a potable water rinse, and a final rinse of distilled/deionized water. Purge water and decontamination water were placed in 55-gallon steel DOT approved drums, labelled with the contents, and moved to the exterior drum storage area.

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APPENDIX 16

Summary Groundwater Data Table, March 2005

Groundwater . .ytical Results
March 2005
REXAM Beverage Can Company
Kent, WA

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-4	ETMW-7	MW-101	MW-102	MW-103	MW-104
Laboratory ID No.			503346-04	503346-02	503346-01	503365-03	503376-03	503365-02	503365-01	503346-03
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	3/29/2005	3/29/2005	3/29/2005	3/30/2005	3/31/2005	3/30/2005	3/30/2005	3/29/2005
ANALYTICAL PARAMETERS										
Volatile Compounds (µg/L)										
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	0.02	0.2	<0.2	<0.2	<0.2	<0.2	4	<0.2	<0.2	<0.2
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	<1	<1	13 c	3,200 ve	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	NS	NS	<1	<1	<1	<1	9	<1	<1	<1
Methylene chloride	5	5	<5	<5	<5	<5	<5	<5	<5	5 lc
trans-1,2-Dichloroethene	NS	NS	<1	<1	<1	<1	<1	4	<1	<1
1,1-Dichloroethane	1.0	NS	<1	<1	<1	<1	4	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	NS	NS	<1	<1	<1	<1	7	<1	<1	<1
Chloroform	7.0	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	<1	<1	<1	<1	<1	32	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	<1	<1	<1	<1	<1	1	<1	<1
Trichloroethene	3	5	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene**	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	NS	1,000	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene**	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	2	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromoethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	NS	700	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
m,p-Xylene***	NS	1,000	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene***	NS	1,000	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1	<1	<1

Groundwater . ..ytical Results
March 2005
REXAM Beverage Can Company
Kent, WA

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-4	ETMW-7	MW-101	MW-102	MW-103	MW-104
Laboratory ID No.			503346-04	503346-02	503346-01	503365-03	503376-03	503365-02	503365-01	503346-03
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	3/29/2005	3/29/2005	3/29/2005	3/30/2005	3/31/2005	3/30/2005	3/30/2005	3/29/2005
ANALYTICAL PARAMETERS										
n-Propylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Total Petroleum Hydrocarbons -										
NWTPH-Gx (ug/L)	NS	800 / 1,000*	<100 ca	<100	<100 ca	<100	<500 d	180	<100	<100
Dissolved Metals (ug/L)										
Antimony	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U
Arsenic	0.05	5	3.2	6.0	0.9	70.6	51.8	129	88.6	2.3
Beryllium	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Cadmium	10	5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U
Chromium	50	50****	1	1 U	0.5 U	2	1 U	3	3	0.5 U
Copper	1,000	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Iron	300	NS	5,020	2,990	17, 200	53,700	41,700	148,000	109,000	950
Lead	50	15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Mercury	2	2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	NS	NS	3.7	4.6	1.7	3.0	5.0	5.8	3.4	3.1
Selenium	10	NS	1.3	0.5 U	0.5 U	0.5 U	0.5 U	1.7	1.6	0.5 U
Silver	50	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Thallium	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Zinc	5,000	NS	4 U	4 U	4 U	4 U	7	4 U	4 U	4 U
Total Metals (ug/L)										
Antimony	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U
Arsenic	0.05	5	80.7	214	29.2	72.9	50.0	125	88.5	53.9
Beryllium	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Groundwater Analytical Results
March 2005
REXAM Beverage Can Company
Kent, WA

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-4	ETMW-7	MW-101	MW-102	MW-103	MW-104
Laboratory ID No.			503346-04	503346-02	503346-01	503365-03	503376-03	503365-02	503365-01	503346-03
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	3/29/2005	3/29/2005	3/29/2005	3/30/2005	3/31/2005	3/30/2005	3/30/2005	3/29/2005
ANALYTICAL PARAMETERS										
Cadmium	10	5	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.4	0.2 U	0.2
Chromium	50	50****	7	4	1.4	2	1 U	3	7	1.4
Copper	1,000	NS	0.5 U	1.2	0.5 U	0.7	0.8	0.6	10.7	0.5
Iron	300	NS	112,000	84,700	116,000	52,900	41,100	144,000	107,000	43,100
Lead	50	15	1 U	1 U	1 U	1 U	1 U	1 U	2	1 U
Mercury	2	2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	NS	NS	4.0	6.3	1.7	3.0	4.4	5.6	9.3	3.8
Selenium	10	NS	1.8	0.8	0.5 U	0.5 U	0.5 U	1.6	1.7	0.5 U
Silver	50	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Thallium	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Zinc	5,000	NS	4 U	4 U	4 U	4	10	4	12	7
Hexavalent Chromium (mg/L)	NS	NS	<0.011 U	0.012	<0.011 U	0.021	0.013	<0.011 U	<0.011 U	0.020
Geochemical Parameters (mg/L)										
Ferrous Iron	NS	NS	120	85.5	122	60.0	49.1	166	127	43.9
Total Cyanide	NS	NS	NA	NA	NA	NA	<0.005 U	NA	NA	NA
Nitrogen as Nitrate*****	10,000	NS	<0.050 U	<0.050 U	<0.250 U	<0.050 U	<0.050 U	<0.100 U	<0.050 U	<0.050 U
Nitrogen as Nitrite	NS	NS	0.136	0.211	0.130	0.068	0.058	<0.100 U	0.071	0.104
Total Nitrate + Nitrite	NS	NS	<0.050 U	0.171	<0.250 U	0.093	0.072	<0.100 U	<0.050 U	0.067
Sulfate	250,000	NS	42.2	56.5	41.3	93.9	60.5	24.2	32.3	72.3
Sulfide	NS	NS	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Carbon Dioxide	NS	NS	365	220	235	135	185	370	330	85
Methane (µg/L)	NS	NS	675.25	326.48	387.75	115.69	269.36	725.94	617.76	57.29
Conductivity (µmhos/cm)	NS	NS	NA	NA	NA	408	NA	1,490	1,200	NA

Note: The reporting limit for vinyl chloride is equal to the Method Detection Limit.
mg/L = milligrams per liter.
µg/L = micrograms per liter.
µmhos/cm = micromhos per centimeter.
NWTPH-Gx = Northwest Total Petroleum Hydrocarbons
<0.00 = Not detected above Method Detection Limit.
Bolded values equal or exceed Model Toxics Control Act Method A Cleanup Levels
Dup#1 collected from MW-106.
NA = Not analyzed.
NS = No standard.
U = Analyte undetected at given reporting limit.
c = Presence of analyte may be due to carryover from previous sample injections.
ca = The calibration results for this range fell outside of acceptable criteria.
The value reported is an estimate.
d = The sample was diluted due to matrix effect (foamy).
Detection limits are raised due to dilution.
lc = The presence of the compound indicated may be due to laboratory contamination.
ve = The value reported exceeded the calibration range established
for the analyte. The reported concentration is an estimate.
* = Standard is 1,000 µg/L if no benzene is present, 800 µg/L if benzene present.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.
**** = Total value for chromium III and chromium VI. If just chromium III present, cleanup level of 100 µg/l may be used.
***** = Calculated by laboratory.

Groundwater Analytical Results
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REXAM Beverage Can Company
Kent, WA

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-105	MW-106	Dup #1	MW-201	Trip Blank	FB-3/30	Trip Blank #1	Field Blank-3/31
Laboratory ID No.			503376-01	503376-02	503376-06	503365-04	503346-05	503365-05	503365-06	503376-05
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	3/31/2005	3/31/2005	3/31/2005	3/30/2005	3/29/2005	3/30/2005	3/30/2005	3/31/2005
ANALYTICAL PARAMETERS										
Volatile Compounds (µg/L)										
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	0.02	0.2	1,600 ve	2 c	<0.2	0.9	<0.2	<0.2	<0.2	<0.2
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	4,000 ve	1,500 ve	1,400 ve	5	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	17	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	NS	NS	390 ve	<1	<1	<1	<1	<1	<1	<1
Methylene chloride	5	5	39 lc	<5	<5	<5	<5	<5	<5	6 lc
trans-1,2-Dichloroethene	NS	NS	7	1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1.0	NS	4,700 ve	8	3	10	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	NS	NS	39	<1	<1	<1	<1	<1	<1	<1
Chloroform	7.0	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	33	5	5	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	2,700 ve	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	2	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	3	5	11	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	13	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene**	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	NS	1,000	120	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene**	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	4	<1	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	22	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromoethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	NS	700	2	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
m,p-Xylene***	NS	1,000	3	<2	<2	<2	<2	<2	<2	<2
o-Xylene***	NS	1,000	5	<1	<1	<1	<1	<1	<1	<1
Styrene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1	<1	<1

Groundwate ytical Results
March 2005
REXAM Beverage Can Company
Kent, WA

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-105	MW-106	Dup #1	MW-201	Trip Blank	FB-3/30	Trip Blank #1	Field Blank-3/31
Laboratory ID No.			503376-01	503376-02	503376-06	503365-04	503348-05	503365-05	503365-06	503376-05
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	3/31/2005	3/31/2005	3/31/2005	3/30/2005	3/29/2005	3/30/2005	3/30/2005	3/31/2005
ANALYTICAL PARAMETERS										
n-Propylbenzene	NS	NS	7	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	NS	2	1	1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	7	8	6	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Total Petroleum Hydrocarbons -										
NWTPH-Gx (µg/L)	NS	800 / 1,000*	980 d	<500 d	NA	<100	NA	<100	NA	<100
Dissolved Metals (µg/L)										
Antimony	NS	NS	0.2	0.2 U	0.2 U	0.3	NA	0.2 U	NA	0.2 U
Arsenic	0.05	5	11.4	34.8	34.3	1.7	NA	0.2 U	NA	0.2 U
Beryllium	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U
Cadmium	10	5	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U
Chromium	50	50****	1.3	1 U	1 U	0.5 U	NA	0.5 U	NA	0.5 U
Copper	1,000	NS	0.8	0.7	0.7	2.1	NA	0.5 U	NA	0.5 U
Iron	300	NS	106,000	60,100	59,400	2,030	NA	30	NA	30
Lead	50	15	1 U	1 U	1 U	1 U	NA	1 U	NA	1 U
Mercury	2	2	0.1 U	0.1 U	0.1 U	0.1 U	NA	0.1 U	NA	0.1 U
Nickel	NS	NS	4.2	25.0	25.8	0.7	NA	0.5 U	NA	0.5 U
Selenium	10	NS	2 U	0.9	0.8	0.5 U	NA	0.5 U	NA	0.5 U
Silver	50	NS	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U
Thallium	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U
Zinc	5,000	NS	8	20	21	4 U	NA	4 U	NA	4 U
Total Metals (ug/L)										
Antimony	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U
Arsenic	0.05	5	11.5	35.8	33.8	11.8	NA	0.2 U	NA	0.2 U
Beryllium	NS	NS	0.2 U	0.2 U	0.2 U	1.0	NA	0.2 U	NA	0.2 U

Groundwate .ytical Results
March 2005
REXAM Beverage Can Company
Kent, WA

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-105	MW-106	Dup #1	MW-201	Trip Blank	FB-3/30	Trip Blank #1	Field Blank-3/31
Laboratory ID No.			503376-01	503376-02	503376-06	503365-04	503346-05	503365-05	503365-06	503376-05
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	3/31/2005	3/31/2005	3/31/2005	3/30/2005	3/29/2005	3/30/2005	3/30/2005	3/31/2005
ANALYTICAL PARAMETERS										
Cadmium	10	5	0.2	0.3	0.3	0.2	NA	0.2 U	NA	0.2 U
Chromium	50	50****	1.4	1 U	1 U	57	NA	0.5 U	NA	0.6
Copper	1,000	NS	1.0	1.4	1.6	105	NA	0.5 U	NA	0.5 U
Iron	300	NS	102,000	59,200	59,900	43,700	NA	20 U	NA	40
Lead	50	15	1 U	1 U	1 U	11	NA	1 U	NA	1 U
Mercury	2	2	0.1 U	0.1 U	0.1 U	0.1	NA	0.1 U	NA	0.1 U
Nickel	NS	NS	5.9	25.4	25.7	36.7	NA	0.5 U	NA	0.5 U
Selenium	10	NS	2 U	0.9	0.8	0.6	NA	0.5 U	NA	0.5 U
Silver	50	NS	0.2 U	0.2 U	0.2 U	0.3	NA	0.2 U	NA	0.2 U
Thallium	NS	NS	0.2 U	0.2 U	0.2 U	0.2	NA	0.2 U	NA	0.2 U
Zinc	5,000	NS	9	20	24	89	NA	4 U	NA	4 U
Hexavalent Chromium (mg/L)	NS	NS	<0.011 U	<0.011 U	<0.011 U	<0.011 U	NA	<0.011 U	NA	<0.011 U
Geochemical Parameters (mg/L)										
Ferrous Iron	NS	NS	124	68.5	57.5	19.9	NA	<0.040 U	NA	<0.040 U
Total Cyanide	NS	NS	<0.010 U	<0.005 U	<0.005 U	NA	NA	NA	NA	<0.005 U
Nitrogen as Nitrate*****	10,000	NS	<0.050 U	<0.050 U	<0.050 U	0.053	NA	<0.010 U	NA	<0.010 U
Nitrogen as Nitrite	NS	NS	<0.050 U	<0.050 U	<0.050 U	<0.050 U	NA	<0.010 U	NA	<0.010 U
Total Nitrate + Nitrite	NS	NS	<0.050 U	<0.050 U	<0.050 U	0.053	NA	<0.010 U	NA	<0.010 U
Sulfate	250,000	NS	344	38.1	38.5	10.1	NA	<2.0 U	NA	<2.0 U
Sulfide	NS	NS	<0.05 U	<0.05 U	<0.05 U	<0.05 U	NA	<0.05 U	NA	<0.05 U
Carbon Dioxide	NS	NS	285	230	220	25	NA	2.5	NA	1.25
Methane (µg/L)	NS	NS	501.32	319.20	320.13	28.83	NA	<10 U	NA	<10 U
Conductivity (µmhos/cm)	NS	NS	NA	NA	NA	270	NA	1.60	NA	NA

Note: The reporting limit for vinyl chloride is equal to the Method Detection Limit.
mg/L = milligrams per liter.
µg/L = micrograms per liter.
µmhos/cm = micromhos per centimeter.
NWTPH-Gx = Northwest Total Petroleum Hydrocarbons
<0.00 = Not detected above Method Detection Limit.
Bolded values equal or exceed Model Toxics Control Act Method A Cleanup Levels
Dup#1 collected from MW-106.
NA = Not analyzed.
NS = No standard.
U = Analyte undetected at given reporting limit.
c = Presence of analyte may be due to carryover from previous sample injections.
ca = The calibration results for this range fell outside of acceptable criteria.
The value reported is an estimate.
d = The sample was diluted due to matrix effect (foamy).
Detection limits are raised due to dilution.
lc = The presence of the compound indicated may be due to laboratory contamination.
ve = The value reported exceeded the calibration range established
for the analyte. The reported concentration is an estimate.
* = Standard is 1,000 µg/L if no benzene is present, 800 µg/L if benzene present.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.
**** = Total value for chromium III and chromium VI. If just chromium III present, cleanup level of 100 µg/l may be used.
***** = Calculated by laboratory.

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APPENDIX 17

Summary Groundwater Data Table, 2010

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Groundwa ialytical Results

June 2010

REXAM Beverage Can Company

Kent, Washington

Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105
Laboratory ID No.			19996-3	19996-1	19996-7	20028-2	20028-4	19996-5	19996-14	20028-8
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010	6/16/2010	6/16/2010	6/17/2010
ANALYTICAL PARAMETERS										
Volatile Compounds (µg/l)										
Dichlorodifluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.22 J	<5.0
Vinyl chloride	0.02	0.2	0.18 J	<1.0	0.20 J	1.6	<1.0	0.25 J	<1.0	870
Bromomethane	NS	NS	0.67 JB	0.72 JB	0.76 JB	<5.0	<5.0	<5.0	0.76 JB	<5.0
Chloroethane	NS	NS	<5.0	<5.0	<5.0	0.95 J	1,500	<5.0	<5.0	7,300
Trichlorofluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	NS	NS	0.36 J	<1.0	<1.0	<1.0	<1.0	0.23 J	<1.0	2.2
Methylene Chloride	5	5	<1.0	<1.0	<1.0	<1.0	0.46 JB	<1.0	0.13 J	9.1 B
trans-1,2-Dichloroethene	NS	NS	0.087 J	<1.0	<1.0	0.39 J	0.46 J	<1.0	<1.0	3.1
1,1-Dichloroethane	1.0	NS	0.21 J	<1.0	<1.0	0.89 J	<1.0	0.073 J	<1.0	11,000
2,2-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NS	NS	0.31 J	<1.0	<1.0	0.99 J	<1.0	0.32 J	<1.0	6.8
Chlorobromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	7.0	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.32 J
1,1,1-Trichloroethane	200	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	890
Carbon tetrachloride	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1.0	5	0.15 J	<1.0	0.13 J	0.18 J	0.33 J	0.069 J	<1.0	0.97 J
1,2-Dichloroethane	0.5	5	<1.0	<1.0	<1.0	<1.0	4.9	<1.0	<1.0	12
Trichloroethene	3	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.61 J
1,2-Dichloropropane	0.6	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	NS	1,000	0.12 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	61
trans-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.69 J
Tetrachloroethene	0.8	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.6
1,3-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	0.5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylene Dibromide	0.001	0.01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	NS	700	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4
1,1,1,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m-Xylene & p-Xylene	NS	1,000	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.6
o-Xylene	NS	1,000	<1.0	<1.0	<1.0	0.16 J	0.13 J	<1.0	<1.0	4.8
Styrene	NS	NS	0.42 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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Groundwa[illegible]alytical Results

June 2010

REXAM Beverage Can Company

Kent, Washington

Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105
Laboratory ID No.			19996-3	19996-1	19996-7	20028-2	20028-4	19996-5	19996-14	20028-8
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010	6/16/2010	6/16/2010	6/17/2010
ANALYTICAL PARAMETERS										
Bromoform	5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	NS	NS	15 B	<1.0	<1.0	<1.0	<1.0	0.38 JB	<1.0	0.72 J
Bromobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Propylbenzene	NS	NS	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2
1,2,3-Trichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	NS	NS	0.54 JB	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1
4-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	NS	NS	0.35 J	<1.0	0.35 J	0.62 J	<1.0	<1.0	<1.0	7.1
sec-Butylbenzene	NS	NS	0.35 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Isopropyltoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.41 JB	0.096 J
1,4-Dichlorobenzene	4	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	NS	NS	<1.0	0.43 JB	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	NS	160‡	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NS	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	NS	NS	4.3 J	<5.0	<5.0	<5.0	5.1	4.1 J	<5.0	1.9 J
2-Butanone	NS	NS	<10	<10	<10	<10	<10	3.9 J	<10	<10
2-Hexanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.4 J
Tentatively Identified Compounds										
Acetonitrile*	NS	NS								
Acrolein*	NS	NS	1.1 J					0.84 J		
n-Butanol*	NS	NS								
Cyclohexane*	NS	NS				0.28 J	0.26 J			
1,4-Dioxane*	7.0	NS	61			640 B	1,200 B	60		
Ethyl ether*	NS	NS								
2-Ethyl-1-Hexanol*	NS	NS	23 JB	20 JB	20 JB			20 JB		
2-Ethyl-1-Hexanol*	NS	NS								
Iodomethane*	NS	NS	6.3 B	6.2 B	6.2 B			6.2 B	6.2 B	
Iodomethane*	NS	NS								
Isobutyl alcohol*	NS	NS					200			
Methylcyclohexane*	NS	NS	0.10 J	0.087 J						

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105
Laboratory ID No.			19996-3	19996-1	19996-7	20028-2	20028-4	19996-5	19996-14	20028-8
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010	6/16/2010	6/16/2010	6/17/2010
ANALYTICAL PARAMETERS										
2-Methyl-2-propanol*	NS	NS	2.5 J				1.9 J			
2-Methyl-2-propanol*	NS	NS								
Tetrahydrofuran*	NS	NS					9.8			
Vinyl acetate*	NS	NS								
cis-1,4-Dichloro-2-butene	NS	NS								
Indane	NS	NS	70 TJN							
1,1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS								
Unknown hydrocarbon	N/A	N/A	85 TJ							
Unknown	N/A	N/A		0.84 TJ			32 TJ	1.2 TJ	0.79 TJ	1,400 TJ
Unknown	N/A	N/A					280 TJ			290 TJ
Unknown	N/A	N/A								55 TJ
Semi-Volatile Organic Compounds (µg/l)										
Phenol	NS	NS	<2.8	<2.8	<2.8	<2.9	<2.9	<2.8	<2.8	<2.9
Bis(2-chloroethyl)ether	0.07	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
2-Chlorophenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
1,3-Dichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
1,4-Dichlorobenzene	4	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Benzyl alcohol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
1,2-Dichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
2-Methylphenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
3 & 4 Methylphenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	1.0 J
N-Nitrosodi-n-propylamine	0.01	NS	<3.8	<3.8	<3.8	<3.9	<3.9	<3.8	<3.8	1.4 J
Hexachloroethane	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Nitrobenzene	NS	NS	<2.8	<2.8	<2.8	<2.9	<2.9	<2.8	<2.8	<2.9
Isophorone	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
2-Nitrophenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
2,4-Dimethylphenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Benzoic acid	NS	NS	<4.7	<4.7	<4.7	<4.9	<4.9	<4.7	<4.7	<4.8
Bis(2-chloroethoxy)methane	NS	NS	<9.4	<9.4	<9.4	<9.8	<9.7	<9.4	<9.4	<9.6
2,4-Dichlorophenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
1,2,4-Trichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Naphthalene	NS	160‡	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
4-Chloroaniline	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	0.48 J
Hexachlorobutadiene	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
4-Chloro-3-methylphenol	NS	NS	<2.8	<2.8	<2.8	<2.9	<2.9	<2.8	<2.8	<2.9
2-Methylnaphthalene	NS	160‡	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
1-Methylnaphthalene	NS	160‡	<0.94	<0.94	<0.94	<0.98	<0.97	<0.94	<0.94	<0.96
Hexachlorocyclopentadiene	NS	NS	<0.38	<0.38	<0.38	<0.39	<0.39	<0.38	<0.38	<0.38
			<9.4	<9.4	<9.4	<9.8	<9.7	<9.4	<9.4	<9.6

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Kent, Washington
Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105
Laboratory ID No.			19996-3	19996-1	19996-7	20028-2	20028-4	19996-5	19996-14	20028-8
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010	6/16/2010	6/16/2010	6/17/2010
ANALYTICAL PARAMETERS										
2,4,6-Trichlorophenol	4	NS	<2.8	<2.8	<2.8	<2.9	<2.9	<2.8	<2.8	<2.9
2,4,5-Trichlorophenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
2-Chloronaphthalene	NS	NS	<0.28	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	<0.29
2-Nitroaniline	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Dimethyl phthalate	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Acenaphthylene	0.01	NS	<0.38	<0.38	<0.38	<0.39	<0.39	<0.38	<0.38	<0.38
2,6-Dinitrotoluene	0.1	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
3-Nitroaniline	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Acenaphthene	0.01	NS	<0.47	<0.47	<0.47	<0.49	<0.49	<0.47	<0.47	<0.48
2,4-Dinitrophenol	NS	NS	<24	<24	<24	<25	<24	<24	<24	<24
4-Nitrophenol	NS	NS	<9.4	<9.4	<9.4	<9.8	<9.7	<9.4	<9.4	<9.6
Dibenzofuran	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
2,4-Dinitrotoluene	0.1	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Diethyl phthalate	NS	NS	<1.9	<1.9	<1.9	0.31 J	8.1	<1.9	<1.9	<1.9
4-Chlorophenyl phenyl ether	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Fluorene	0.01	NS	<0.28	<0.28	<0.28	<0.29	0.040 J	<0.28	<0.28	<0.29
4-Nitroaniline	NS	NS	<2.8	<2.8	<2.8	<2.9	<2.9	<2.8	<2.8	<2.9
4,6-Dinitro-2-methylphenol	NS	NS	<19	<19	<19	<20	<19	<19	<19	<19
N-Nitrosodiphenylamine	17	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
4-Bromophenyl phenyl ether	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Hexachlorobenzene	0.05	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Pentachlorophenol	NS	NS	<3.3	<3.3	<3.3	<3.4	<3.4	<3.3	<3.3	<3.4
Phenanthrene	0.01	NS	<0.38	<0.38	<0.38	<0.39	<0.39	<0.38	<0.38	<0.38
Anthracene	0.01	NS	<0.19	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19	<0.19
Carbazole	5	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Di-n-butyl phthalate	NS	NS	0.72 J	1.1 J	<1.9	<2.0	<1.9	1.3 J	0.82 J	1.0 J
Fluoranthene	0.01	NS	<0.24	<0.24	<0.24	<0.25	<0.24	<0.24	<0.24	<0.24
Pyrene	0.01	NS	<0.28	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	<0.29
Butyl benzyl phthalate	NS	NS	<2.8	1.2 J	<2.8	<2.9	<2.9	1.2 J	1.2 J	1.8 J
3,3'-Dichlorobenzidine	0.2	NS	<9.4	<9.4	<9.4	<9.8	<9.7	<9.4	<9.4	<9.6
Benzo[a]anthracene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	<0.29
Chrysene	0.01	see benzo(a)pyrene	0.11 JB	0.11 JB	0.095 JB	0.15 JB	<0.19	0.11 JB	0.11 JB	<0.19
Bis(2-ethylhexyl) phthalate	6.0	NS	<14	<14	<14	<15	<15	<14	<14	<14
2,2'-oxybis[1-chloropropane]	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	0.24 J
Di-n-octyl phthalate	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9
Benzo[b]fluoranthene	0.01	see benzo(a)pyrene	<0.38	<0.38	<0.38	<0.39	<0.39	<0.38	<0.38	<0.38
Benzo[k]fluoranthene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	<0.29
Benzo[a]pyrene	0.008	0.1	<0.19	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19	<0.19
Indeno[1,2,3-cd]pyrene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	<0.29

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Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105
Laboratory ID No.			19996-3	19996-1	19996-7	20028-2	20028-4	19996-5	19996-14	20028-8
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010	6/16/2010	6/16/2010	6/17/2010
ANALYTICAL PARAMETERS										
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	<0.29
Benzo[g,h,i]perylene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	<0.29
Tentatively Identified Compounds										
Acetophenone*	NS	NS								
Cyclohexanone*	NS	NS		0.45 J					0.24 J	
Pyridine*	NS	NS		1.2 J					1.2 J	
2,3,5,6-Tetrachlorophenol*	NS	NS		0.20 J					0.22 J	
Ajmaline	NS	NS		1.7 TJN						
Benzene,1-isocyanato-4-methyl-	NS	NS				3.7 TJN				
Benzene,1-isocyano-3-methyl-	NS	NS	2.3 TJN							
Benzene, 1,2,3-trimethyl-	NS	NS	14 TJN							
Benzene, 1,2,3-trimethyl-	NS	NS	78 TJN							
Benzeneacetic acid,.alpha.,3,4-tris[(tr	NS	NS								
1,2-Benzenedicarboxylic acid, butyloctyl	NS	NS								
Benzoic acid, 2,4-dichloro-	NS	NS					3.0 TJN			
Benzoic acid, 2,6-dichloro-	NS	NS	2.7 TJN					2.5 TJN		
Benzoic acid, 2,5-dimethyl-	NS	NS	3.5 TJN							
1H-Benzotriazole, 5-methyl-	NS	NS								9.5 TJN
1H-Benzotriazole, 5-methyl-	NS	NS								
3-Butenoic acid, 4-phenyl-	NS	NS	2.3 TJN							
Cyclopentasiloxane, decamethyl-	NS	NS		1.9 TJN				1.8 TJN	1.4 TJN	
Cyclopentasiloxane, dodecamethyl-	NS	NS		1.4 TJN						
3,5-Dichlorobenzoic acid	NS	NS		1.3 TJN						
Hexanoic acid,3,5,5-trimethyl-	NS	NS				23 TJN				
Methane, diethoxy-	NS	NS								
p-Methoxybenzenepentanoic acid,5-oxo-	NS	NS								14 TJN
4-Octanone,5-hydroxy-3,6-dimethyl-	NS	NS								13 TJN
2-Oxo-4-phenyl-6-(4-methoxyphenyl)-1,2-d	NS	NS								
Pentanoic acid, 5-hydroxy-,p-t-butylphe	NS	NS								
1-Phenanthrenecarboxylic acid,1,2,3,4,4	NS	NS								
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NS	NS								14 TJN
Phenol, 4,4"-(1-methylethylidene)bis-	NS	NS			11 TJN					
1,3-Propanediol,2,2-dimethyl-	NS	NS								73 TJN
2-Propanol, 1-butoxy-	NS	NS			23 TJN					
2-Propanol, 1-(1-methyl-2-(2-propenyloxy	NS	NS			8.5 TJN					
2-Propanol, 1-(2-methoxypropyl)-	NS	NS				8.7 TJN				
2-Propanol, 1-(2-methoxypoxy)-	NS	NS								
2-Propanol, 1-(2-methoxy-1-methylethoxy)-	NS	NS								30 TJN
Toluene	NS	1,000								

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105
Laboratory ID No.			19996-3	19996-1	19996-7	20028-2	20028-4	19996-5	19996-14	20028-8
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010	6/16/2010	6/16/2010	6/17/2010
ANALYTICAL PARAMETERS										
o-Tolylacetic acid	NS	NS	2.3 TJN							
Unknown	N/A	N/A	2.2 TJ		6.7 TJ	3.5 TJ	3.3 TJ	1.9 TJ	2.4 TJ	24 TJ
Unknown	N/A	N/A	2.2 TJ		12 TJ	5.7 TJ	4.0 TJ	1.9 TJ	0.68 TJ	44TJ
Unknown	N/A	N/A	2.0 TJ		4.6 TJ	2.0 TJ	3.9 TJ	2.1 TJ		45 TJ
Unknown	N/A	N/A			8.0 TJ	3.8 TJ	4.1 TJ	2.1 TJ		10 TJ
Unknown	N/A	N/A			4.7 TJ	4.0 TJ	3.7 TJ	3.7 TJ		
Unknown	N/A	N/A			4.1 TJ	3.3 TJ	6.4 TJ	1.8 TJ		
Unknown	N/A	N/A			3.9 TJ	2.0 TJ	3.5 TJ	2.0 TJ		
Unknown	N/A	N/A					3.0 TJ	1.8 TJ		
							3.0 TJ			
Total Metals (mg/l)										
Arsenic	0.00005	0.005	0.098	0.22	0.091	0.068	<0.060	0.14	0.087	0.010 J
Silver	0.05	NS	0.0071 J	0.0031 J	0.0028 J	<0.020	0.0015 J	0.0050 J	0.0034 J	0.0022 J
Beryllium	NS	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.05	0.050	<0.025	<0.025	<0.025	0.030	<0.025	<0.025	<0.025	<0.025
Copper	1.0	NS	0.0058 J	<0.020	<0.020	0.020	<0.020	0.0039 J	<0.020	0.0057 J
Nickel	NS	NS	0.0042 J	0.0078 J	0.0042 J	0.034	0.0094 J	0.0068 J	0.0029 J	0.0039 J
Zinc	5.0	NS	<0.040	0.0099 J	<0.040	0.024 J	0.0097 J	0.012 J	<0.040	<0.040
Antimony	NS	NS	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
Cadmium	0.01	0.005	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.0023 J
Lead	0.05	0.015	0.015 J	0.014 J	0.011 J	0.013 J	0.0039 J	0.019 J	0.011 J	0.0099 J
Selenium	0.01	NS	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Thallium	NS	NS	0.018 J	0.011 J	0.010 J	0.010 J	0.0065 J	0.016 J	0.0065 J	0.0069 J
Mercury	0.002	0.002	<0.00020	<0.00020	0.000054 J	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Sample ID			ETMW-2F	ETMW-3F	ETMW-7F	MW-101(F)	MW-102(F)	MW-103(F)	MW-104(F)	MW-105(F)
Laboratory ID No.			19996-4	19996-2	19996-8	20028-3	20028-5	19996-6	19996-15	20028-9
Date Sampled			6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010	6/16/2010	6/16/2010	6/17/2010
Dissolved Metals (mg/l)										
Lead	0.05	0.015	0.015 J	0.016 J	0.011 J	0.012 J	0.0039 J	0.019 J	0.012 J	0.0088 J
Cadmium	0.01	0.005	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Antimony	NS	NS	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
Beryllium	NS	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Thallium	NS	NS	0.012 J	0.0070 J	0.0038 J	0.0057 J	0.0052 J	0.014 J	0.0077 J	0.0075 J
Nickel	NS	NS	0.0038 J	0.010 J	0.0024 J	0.028	0.0096 J	0.0067 J	0.0032 J	0.0036 J
Silver	0.05	NS	0.0016 J	<0.020	<0.020	0.0038 J	0.0010 J	<0.020	<0.020	<0.020
Arsenic	NS	0.005	0.096	0.23	0.094	0.073	<0.060	0.14	0.086	0.0010 J
Copper	1.0	NS	<0.020	<0.020	<0.020	<0.020	0.0055 J	0.0044 J	0.0049 J	<0.020

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105
Laboratory ID No.			19996-3	19996-1	19996-7	20028-2	20028-4	19996-5	19996-14	20028-8
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010	6/16/2010	6/16/2010	6/17/2010
ANALYTICAL PARAMETERS										
Zinc	5.0	NS	<0.040	0.0099 J	0.012 J	0.014 J	0.011 J	0.014 J	0.0099 J	<0.040
Selenium	0.01	NS	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chromium	0.05	NS	<0.025	0.0045 J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020

mg/l = milligrams per liter.
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Bolded & Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
‡ = This is a total value for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.
B = Analyte detected in associated method blank.
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N = Presumptive evidence of material.
T = Result is tentatively identified compound (TIC) and an estimated value.
RL = Reporting limit.
MDL = Method detection limit.
* = Compound detected in forward library search. Reported as targeted analyte by laboratory Information Managenent System because instrument is calibrated for that compound.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-1	MW-106	MW-107	MW-201	TB	FB	TB	FB
Laboratory ID No.			20028-6	19996-18	19996-9	19996-16	19996-13	19996-11	20028-1	20028-10
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/17/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010
ANALYTICAL PARAMETERS										
Volatile Compounds (µg/l)										
Dichlorodifluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	0.02	0.2	990	0.37 J	<1.0	0.092 J	<1.0	<1.0	<1.0	<1.0
Bromomethane	NS	NS	<5.0	0.69 JB	0.62 J	0.64 JB	0.60 JB	<5.0	<5.0	<5.0
Chloroethane	NS	NS	7,300	720	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	NS	NS	30	0.26 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	5	16 B	2.4	<1.0	<1.0	<1.0	6.4	<1.0	4.9
trans-1,2-Dichloroethene	NS	NS	4.0	0.54 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	1.0	NS	13,000	5.0	0.12 J	0.076 J	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NS	NS	22	0.42 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	7.0	NS	0.44 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	200	3,900	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1.0	5	1.0	0.22 J	0.33 JB	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	0.5	5	19	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	3	5	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.6	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	NS	1,000	52	<1.0	0.32 JB	<1.0	<1.0	<1.0	<1.0	0.11 J
trans-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	NS	NS	0.98 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	0.8	5	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	0.5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylene Dibromide	0.001	0.01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	NS	700	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m-Xylene & p-Xylene	NS	1,000	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	NS	1,000	6.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	NS	NS	<1.0	<1.0	<1.0	<1.0	0.41 J	<1.0	<1.0	<1.0

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-1	MW-106	MW-107	MW-201	TB	FB	TB	FB
Laboratory ID No.			20028-6	19996-18	19996-9	19996-16	19996-13	19996-11	20028-1	20028-10
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/17/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010
ANALYTICAL PARAMETERS										
Bromoform	5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	NS	NS	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Propylbenzene	NS	NS	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	NS	NS	1.6	0.35 JB	<1.0	<1.0	0.33 JB	0.34 JB	<1.0	<1.0
4-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	NS	NS	5.4	0.37 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	NS	NS	0.12 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Isopropyltoluene	NS	NS	0.091 J	<1.0	<1.0	<1.0	0.38 JB	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	4	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	0.17 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	NS	160‡	0.84 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NS	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	NS	NS	3.9 J	2.4 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NS	NS	5.1 J	<10	<10	<10	<10	4.7 J	<10	<10
2-Hexanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	NS	NS	1.3 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tentatively Identified Compounds										
Acetonitrile*	NS	NS			4.8 J					
Acrolein*	NS	NS			0.60 J					
n-Butanol*	NS	NS			11 J					
Cyclohexane*	NS	NS							0.40 J	0.34 J
1,4-Dioxane*	7.0	NS		150	53				500 B	460 B
Ethyl ether*	NS	NS			2.7 J					
2-Ethyl-1-Hexanol*	NS	NS		21 JB	21 JB	20 JB				
2-Ethyl-1-Hexanol*	NS	NS			20 JB					
Iodomethane*	NS	NS		6.1 B	6.2 B	6.2 B	6.3 B	6.2 B		
Iodomethane*	NS	NS			6.2 B					
Isobutyl alcohol*	NS	NS			22 J					
Methylcyclohexane*	NS	NS								

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-1	MW-106	MW-107	MW-201	TB	FB	TB	FB
Laboratory ID No.			20028-6	19996-18	19996-9	19996-16	19996-13	19996-11	20028-1	20028-10
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/17/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010
ANALYTICAL PARAMETERS										
2-Methyl-2-propanol*	NS	NS								
2-Methyl-2-propanol*	NS	NS			6.0 J					
Tetrahydrofuran*	NS	NS			2.2 J					
Vinyl acetate*	NS	NS		360					2.2 J	3.1 JB
cis-1,4-Dichloro-2-butene	NS	NS			8.3					
Indane	NS	NS			3.7 J					
1,1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS								
Unknown hydrocarbon	N/A	N/A								
Unknown	N/A	N/A	1,500 TJ	3.2 TJ	1.4 TJ	1.3 TJ				
Unknown	N/A	N/A	290 TJ							
Unknown	N/A	N/A	71 TJ							
Semi-Volatile Organic Compounds (µg/l)										
Phenol	NS	NS	<2.8	<3.0	<2.8	<2.9	NA	<3.0	NA	<2.8
Bis(2-chloroethyl)ether	0.07	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
2-Chlorophenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
1,3-Dichlorobenzene	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
1,4-Dichlorobenzene	4	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Benzyl alcohol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
1,2-Dichlorobenzene	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
2-Methylphenol	NS	NS	0.62 J	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
3 & 4 Methylphenol	NS	NS	0.73 J	<4.0	<3.8	<3.9	NA	<4.0	NA	<3.8
N-Nitrosodi-n-propylamine	0.01	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Hexachloroethane	NS	NS	<2.8	<3.0	<2.8	<2.9	NA	<3.0	NA	<2.8
Nitrobenzene	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Isophorone	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
2-Nitrophenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
2,4-Dimethylphenol	NS	NS	<4.7	<5.0	<4.7	<4.9	NA	<5.0	NA	<4.7
Benzoic acid	NS	NS	<9.4	<9.9	<9.4	<9.7	NA	<10	NA	<9.4
Bis(2-chloroethoxy)methane	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
2,4-Dichlorophenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
1,2,4-Trichlorobenzene	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Naphthalene	NS	160‡	0.88 J	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
4-Chloroaniline	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Hexachlorobutadiene	NS	NS	<2.8	<3.0	<2.8	<2.9	NA	<3.0	NA	<2.8
4-Chloro-3-methylphenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
2-Methylnaphthalene	NS	160‡	0.25 J	<0.99	<0.94	<0.97	NA	<1.0	NA	<0.94
1-Methylnaphthalene	NS	160‡	<0.38	<0.40	<0.38	<0.39	NA	<0.40	NA	<0.38
Hexachlorocyclopentadiene	NS	NS	<9.4	<9.9	<9.4	<9.7	NA	<10	NA	<9.4

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-1	MW-106	MW-107	MW-201	TB	FB	TB	FB
Laboratory ID No.			20028-6	19996-18	19996-9	19996-16	19996-13	19996-11	20028-1	20028-10
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/17/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010
ANALYTICAL PARAMETERS										
2,4,6-Trichlorophenol	4	NS	<2.8	<3.0	<2.8	<2.9	NA	<3.0	NA	<2.8
2,4,5-Trichlorophenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
2-Chloronaphthalene	NS	NS	<0.28	<0.30	<0.28	<0.29	NA	<0.30	NA	<0.28
2-Nitroaniline	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Dimethyl phthalate	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Acenaphthylene	0.01	NS	<0.38	<0.40	<0.38	<0.39	NA	<0.40	NA	<0.38
2,6-Dinitrotoluene	0.1	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
3-Nitroaniline	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Acenaphthene	0.01	NS	<0.47	<0.50	<0.47	<0.49	NA	<0.50	NA	<0.47
2,4-Dinitrophenol	NS	NS	<24	<25	<24	<24	NA	<25	NA	<24
4-Nitrophenol	NS	NS	<9.4	<9.9	<9.4	<9.7	NA	<10	NA	<9.4
Dibenzofuran	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
2,4-Dinitrotoluene	0.1	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Diethyl phthalate	NS	NS	<1.9	0.28 J	0.35 J	0.20 J	NA	0.28 J	NA	0.25 J
4-Chlorophenyl phenyl ether	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Fluorene	0.01	NS	<0.28	<0.30	<0.28	<0.29	NA	<0.30	NA	<0.28
4-Nitroaniline	NS	NS	<2.8	<3.0	<2.8	<2.9	NA	<3.0	NA	<2.8
4,6-Dinitro-2-methylphenol	NS	NS	<19	<20	<19	<19	NA	<20	NA	<19
N-Nitrosodiphenylamine	17	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
4-Bromophenyl phenyl ether	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Hexachlorobenzene	0.05	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Pentachlorophenol	NS	NS	<3.3	<3.5	<3.3	<3.4	NA	<3.5	NA	<3.3
Phenanthrene	0.01	NS	<0.38	<0.40	<0.38	<0.39	NA	<0.40	NA	<0.38
Anthracene	0.01	NS	<0.19	<0.20	<0.19	<0.19	NA	<0.20	NA	<0.19
Carbazole	5	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Di-n-butyl phthalate	NS	NS	0.51 J	0.54 J	<1.9	0.62 J	NA	1.4 J	NA	0.63 J
Fluoranthene	0.01	NS	<0.24	<0.25	<0.24	<0.24	NA	<0.25	NA	<0.24
Pyrene	0.01	NS	<0.28	<0.30	<0.28	<0.29	NA	<0.30	NA	<0.28
Butyl benzyl phthalate	NS	NS	1.0 J	<3.0	<2.8	<2.9	NA	1.6 J	NA	<2.8
3,3'-Dichlorobenzidine	0.2	NS	<9.4	<9.9	<9.4	<9.7	NA	<10	NA	<9.4
Benzo[a]anthracene	0.01	see benzo(a)pyrene	<0.28	<0.30	<0.28	<0.29	NA	<0.30	NA	<0.28
Chrysene	0.01	see benzo(a)pyrene	<0.19	0.11 JB	0.14 JB	<0.19	NA	0.10 JB	NA	0.081 JB
Bis(2-ethylhexyl) phthalate	6.0	NS	<14	<15	<14	<15	NA	<15	NA	<14
2,2'-oxybis[1-chloropropane]	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Di-n-octyl phthalate	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<2.0	NA	<1.9
Benzo[b]fluoranthene	0.01	see benzo(a)pyrene	<0.38	<0.40	<0.38	<0.39	NA	<0.40	NA	<0.38
Benzo[k]fluoranthene	0.01	see benzo(a)pyrene	<0.28	<0.30	<0.28	<0.29	NA	<0.30	NA	<0.28
Benzo[a]pyrene	0.008	0.1	<0.19	<0.20	<0.19	<0.19	NA	<0.20	NA	<0.19
Indeno[1,2,3-cd]pyrene	0.01	see benzo(a)pyrene	<0.28	<0.30	<0.28	<0.29	NA	<0.30	NA	<0.28

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REXAM Beverage Can Company
Kent, Washington
Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-1	MW-106	MW-107	MW-201	TB	FB	TB	FB
Laboratory ID No.			20028-6	19996-18	19996-9	19996-16	19996-13	19996-11	20028-1	20028-10
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/17/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010
ANALYTICAL PARAMETERS										
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.28	<0.30	<0.28	<0.29	NA	<0.30	NA	<0.28
Benzo[g,h,i]perylene	0.01	see benzo(a)pyrene	<0.28	<0.30	<0.28	<0.29	NA	<0.30	NA	<0.28
Tentatively Identified Compounds										
Acetophenone*	NS	NS						0.14 J		
Cyclohexanone*	NS	NS		3.4 J		0.19 J		0.22 J		1.3 J
Pyridine*	NS	NS			1.2 J	1.2 J		1.3 J		1.2 J
2,3,5,6-Tetrachlorophenol*	NS	NS								
Ajmaline	NS	NS								
Benzene,1-isocyanato-4-methyl-	NS	NS								
Benzene,1-isocyano-3-methyl-	NS	NS								
Benzene, 1,2,3-trimethyl-	NS	NS								
Benzene, 1,2,3-trimethyl-	NS	NS								
Benzeneacetic acid,.alpha.,3,4-tris[(tr	NS	NS			2.3 TJN					
1,2-Benzenedicarboxylic acid, butyloctyl	NS	NS						1.0 TJN		
Benzoic acid, 2,4-dichloro-	NS	NS								15 TJN
Benzoic acid, 2,6-dichloro-	NS	NS						6.8 TJN		
Benzoic acid, 2,5-dimethyl-	NS	NS								
1H-Benzotriazole, 5-methyl-	NS	NS	17 TJN							
1H-Benzotriazole, 5-methyl-	NS	NS	13 TJN							
3-Butenoic acid, 4-phenyl-	NS	NS								
Cyclopentasiloxane, decamethyl-	NS	NS								
Cyclopentasiloxane, dodecamethyl-	NS	NS								
3,5-Dichlorobenzoic acid	NS	NS								
Hexanoic acid,3,5,5-trimethyl-	NS	NS								
Methane, diethoxy-	NS	NS			3.4 TJN					
p-Methoxybenzenepentanoic acid,5-oxo-	NS	NS								
4-Octanone,5-hydroxy-3,6-dimethyl-	NS	NS								
2-Oxo-4-phenyl-6-(4-methoxyphenyl)-1,2-d	NS	NS			1.6 TJN					
Pentanoic acid, 5-hydroxy-,p-t-butylphe	NS	NS	9.4 TJN							
1-Phenanthrenecarboxylic acid,1,2,3,4,4	NS	NS	9.5 TJN							
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NS	NS	9.4 TJN							
Phenol, 4,4'-(1-methylethylidene)bis-	NS	NS								
1,3-Propanediol,2,2-dimethyl-	NS	NS	33 TJN							
2-Propanol, 1-butoxy-	NS	NS								
2-Propanol, 1-(1-methyl-2-(2-propenyloxy	NS	NS								
2-Propanol, 1-(2-methoxypropyl)-	NS	NS								
2-Propanol, 1-(2-methoxypoxy)-	NS	NS		26 TJN						
2-Propanol, 1-(2-methoxy-1-methylethoxy)-	NS	NS		24 TJN						
Toluene	NS	1,000	15 TJN							

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-1	MW-106	MW-107	MW-201	TB	FB	TB	FB
Laboratory ID No.			20028-6	19996-18	19996-9	19996-16	19996-13	19996-11	20028-1	20028-10
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/17/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010
ANALYTICAL PARAMETERS										
o-Tolylacetic acid	NS	NS								
Unknown	N/A	N/A	16 TJ	3.0 TJ	2.0 TJ	0.87 TJ		0.99 TJ		1.3 TJ
Unknown	N/A	N/A	42 TJ	2.9 TJ	1.4 TJ			0.94 TJ		1.9 TJ
Unknown	N/A	N/A	12 TJ	2.9 TJ	0.97 TJ			1.1 TJ		0.65 TJ
Unknown	N/A	N/A		3.2 TJ	0.94 TJ			2.0 TJ		
Unknown	N/A	N/A		2.9 TJ	0.87 TJ					
Unknown	N/A	N/A		2.9 TJ						
Unknown	N/A	N/A		3.0 TJ						
Unknown	N/A	N/A								
Unknown	N/A	N/A								
Total Metals (mg/l)										
Arsenic	0.00005	0.005	0.018 J	0.027 J	0.025 J	<0.060	NA	<0.060	NA	<0.060
Silver	0.05	NS	<0.020	0.0070 J	0.0030 J	0.0021 J	NA	0.0012 J	NA	<0.020
Beryllium	NS	NS	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	<0.0050
Chromium	0.05	0.050	<0.025	<0.025	<0.025	0.0049 J	NA	<0.025	NA	<0.025
Copper	1.0	NS	0.0037 J	<0.020	<0.020	<0.020	NA	<0.020	NA	<0.020
Nickel	NS	NS	0.0042 J	0.0069 J	0.0038 J	0.0028 J	NA	<0.020	NA	<0.020
Zinc	5.0	NS	<0.040	<0.040	0.011 J	<0.040	NA	<0.040	NA	<0.040
Antimony	NS	NS	<0.060	<0.060	0.0072 J	<0.060	NA	<0.060	NA	<0.060
Cadmium	0.01	0.005	<0.010	<0.010	<0.010	<0.010	NA	<0.010	NA	<0.010
Lead	0.05	0.015	0.011 J	0.014 J	0.0095 J	0.0070 J	NA	<0.030	NA	<0.030
Selenium	0.01	NS	<0.10	<0.10	0.0042 J	<0.10	NA	<0.10	NA	<0.10
Thallium	NS	NS	0.0071 J	0.0074 J	0.012 J	<0.10	NA	<0.10	NA	<0.10
Mercury	0.002	0.002	<0.00020	0.000075 J	<0.00020	<0.00020	NA	<0.00020	NA	<0.00020
Sample ID			ETMW-1(F)	MW-106(F)	MW-107(F)	MW-201(F)		FB(F)		FB(F)
Laboratory ID No.			20028-7	19996-19	19996-10	19996-17		19996-12		20028-11
Date Sampled			6/17/2010	6/16/2010	6/16/2010	6/16/2010		6/16/2010		6/17/2010
Dissolved Metals (mg/l)										
Lead	0.05	0.015	0.011 J	0.014 J	0.0088 J	0.0068 J	NA	<0.030	NA	<0.030
Cadmium	0.01	0.005	<0.010	<0.010	<0.010	<0.010	NA	<0.010	NA	<0.010
Antimony	NS	NS	<0.060	<0.060	0.0089 J	<0.060	NA	<0.060	NA	<0.060
Beryllium	NS	NS	<0.0050	<0.0050	0.000050 J	<0.0050	NA	<0.0050	NA	<0.0050
Thallium	NS	NS	0.0088 J	0.0094 J	0.016 J	<0.10	NA	<0.10	NA	<0.10
Nickel	NS	NS	0.0046 J	0.0074 J	0.0044 J	<0.020	NA	<0.020	NA	<0.020
Silver	0.05	NS	0.0020 J	0.0056 JB	0.0058 J	0.0017 JB	NA	<0.020	NA	0.0017 J
Arsenic	NS	0.005	0.017 J	0.027 J	0.027 J	<0.060	NA	<0.060	NA	<0.060
Copper	1.0	NS	0.0034 J	0.0068 J	<0.020	<0.020	NA	<0.020	NA	<0.020

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Kent, Washington
Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-1	MW-106	MW-107	MW-201	TB	FB	TB	FB
Laboratory ID No.			20028-6	19996-18	19996-9	19996-16	19996-13	19996-11	20028-1	20028-10
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	6/17/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/16/2010	6/17/2010	6/17/2010
ANALYTICAL PARAMETERS										
Zinc	5.0	NS	<0.040	<0.040	0.011 J	<0.040	NA	<0.040	NA	<0.040
Selenium	0.01	NS	<0.10	<0.10	0.0040 J	<0.10	NA	<0.10	NA	<0.10
Chromium	0.05	NS	<0.025	<0.025	<0.025	<0.025	NA	<0.025	NA	<0.025
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	NA	<0.00020	NA	<0.00020

mg/l = milligrams per liter.
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Bolded & Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
‡ = This is a total value for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.
B = Analyte detected in associated method blank.
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N = Presumptive evidence of material.
T = Result is tentatively identified compound (TIC) and an estimated value.
RL = Reporting limit.
MDL = Method detection limit.
* = Compound detected in forward library search. Reported as targeted analyte by laboratory Information Managenent System because instrument is calibrated for that compound.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.

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APPENDIX 18

Groundwater Data Summary Tables, 2011 – 2012

Groundwater Analytical Results
April 2011
REXAM Beverage Can Company
Kent, Washington
Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	DUP (ETMW-7)	MW-101	MW-102	MW-103
Laboratory ID No.			580-25582-3	580-25582-1	580-25582-5	580-25582-7	580-25611-9	580-25611-10	580-25611-1
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/14/2011	4/14/2011	4/13/2011
ANALYTICAL PARAMETERS									
Volatile Compounds (µg/l)									
Dichlorodifluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	0.02	0.2	<1.0	<1.0	<1.0	<1.0	**1.7**	<1.0	<1.0
Bromomethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	**1,800**	<5.0
Trichlorofluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	5	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
trans-1,2-Dichloroethene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0
1,1-Dichloroethane	1.0	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NS	NS	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0
Chlorobromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	7.0	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1.0	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	0.5	5	<1.0	<1.0	<1.0	<1.0	<1.0	**11**	<1.0
Trichloroethene	3	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.6	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	0.2**	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	NS	1,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	0.8	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	0.5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylene Dibromide	0.001	0.01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	NS	700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m-Xylene & p-Xylene	NS	1,000***	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	NS	1,000***	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0
Styrene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	NS	NS	**6.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Propylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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Kent, Washington
Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	DUP (ETMW-7)	MW-101	MW-102	MW-103
Laboratory ID No.			580-25582-3	580-25582-1	580-25582-5	580-25582-7	580-25611-9	580-25611-10	580-25611-1
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/14/2011	4/14/2011	4/13/2011
ANALYTICAL PARAMETERS									
1,3,5-Trimethylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Isopropyltoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	4	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	NS	160‡	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NS	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NS	NS	<10	<10	<10	<10	<10	<10	<10
Tentatively Identified Compounds (µg/l)				None					
Benzene, 1,3,5-trimethyl-	NS	NS	83 TJN						
Butane, 1,3-dichloro-	NS	NS						12 TJN	
n-Butanol	NS	NS					200		140
2-Butene, 1,4-dichloro-	NS	NS						9.1 TJN	
Diethyl sulfide	NS	NS						27 TJN	
Ethane, (methylthio)-	NS	NS						5.9 TJN	
Ethane, 1,2-dichloro-1,1,2-triflouro-	NS	NS							
Indane	NS	NS	62 TJN						
Isobutyl alcohol	NS	NS							
2-Methyl-2-propanol	NS	NS			29	27			
1-Propene, 2-chloro-	NS	NS						11 TJN	
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS							
Tetrahydrofuran	NS	NS							
Unknown	NS	NS							
Unknown	NS	NS							
Semi-Volatile Organic Compounds (µg/l)									
Phenol	NS	NS	<2.9	<2.9	<2.8	<2.8	<2.9	<2.8	<2.8
Bis(2-chloroethyl)ether	0.07	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Chlorophenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,3-Dichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,4-Dichlorobenzene	4	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Benzyl alcohol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	DUP (ETMW-7)	MW-101	MW-102	MW-103
Laboratory ID No.			580-25582-3	580-25582-1	580-25582-5	580-25582-7	580-25611-9	580-25611-10	580-25611-1
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/14/2011	4/14/2011	4/13/2011
ANALYTICAL PARAMETERS									
1,2-Dichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Methylphenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
3 & 4 Methylphenol	NS	NS	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
N-Nitrosodi-n-propylamine	0.01	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachloroethane	NS	NS	<2.9	<2.9	<2.8	<2.8	<2.9	<2.8	<2.8
Nitrobenzene	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Isophorone	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Nitrophenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dimethylphenol	NS	NS	<4.8*	<4.8*	<4.7*	<4.7*	<4.8*	<4.7*	<4.7*
Benzoic acid	NS	NS	<9.5	<9.5	<9.4	<9.4	<9.5	<9.4	<9.4
Bis(2-chloroethoxy)methane	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dichlorophenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,2,4-Trichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Naphthalene	NS	160‡	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Chloroaniline	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachlorobutadiene	NS	NS	<2.9	<2.9	<2.8	<2.8	<2.9	<2.8	<2.8
4-Chloro-3-methylphenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Methylnaphthalene	NS	160‡	<0.95	<0.95	<0.94	<0.94	<0.95	<0.94	<0.94
1-Methylnaphthalene	NS	160‡	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Hexachlorocyclopentadiene	NS	NS	<9.5	<9.5	<9.4	<9.4	<9.5	<9.4	<9.4
2,4,6-Trichlorophenol	4	NS	<2.9	<2.9	<2.8	<2.8	<2.9	<2.8	<2.8
2,4,5-Trichlorophenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Chloronaphthalene	NS	NS	<0.29	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28
2-Nitroaniline	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Dimethyl phthalate	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Acenaphthylene	0.01	NS	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
2,6-Dinitrotoluene	0.1	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
3-Nitroaniline	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Acenaphthene	0.01	NS	<0.48	<0.48	<0.47	<0.47	<0.48	<0.47	<0.47
2,4-Dinitrophenol	NS	NS	<24	<24	<24	<24	<24	<24	<24
4-Nitrophenol	NS	NS	<9.5	<9.5	<9.4	<9.4	<9.5	<9.4	<9.4
Dibenzofuran	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dinitrotoluene	0.1	NS	<1.9*	<1.9*	<1.9*	<1.9*	<1.9*	<1.9*	<1.9*
Diethyl phthalate	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Chlorophenyl phenyl ether	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Fluorene	0.01	NS	<0.29	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28
4-Nitroaniline	NS	NS	<2.9	<2.9	<2.8	<2.8	<2.9	<2.8	<2.8
4,6-Dinitro-2-methylphenol	NS	NS	<19	<19	<19	<19	<19	<19	<19
N-Nitrosodiphenylamine	17	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Bromophenyl phenyl ether	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachlorobenzene	0.05	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Pentachlorophenol	NS	NS	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Phenanthrene	0.01	NS	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Anthracene	0.01	NS	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Carbazole	5	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9

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Laboratory ID No.			580-25582-3	580-25582-1	580-25582-5	580-25582-7	580-25611-9	580-25611-10	580-25611-1
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/14/2011	4/14/2011	4/13/2011
ANALYTICAL PARAMETERS									
Di-n-butyl phthalate	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Fluoranthene	0.01	NS	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Pyrene	0.01	NS	<0.29	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28
Butyl benzyl phthalate	NS	NS	<2.9	<2.9	<2.8	<2.8	<2.9	<2.8	<2.8
3,3'-Dichlorobenzidine	0.2	NS	<9.5	<9.5	<9.4	<9.4	<9.5	<9.4	<9.4
Benzo[a]anthracene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28
Chrysene	0.01	see benzo(a)pyrene	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Bis(2-ethylhexyl) phthalate	6.0	NS	<14	<14	<14	<14	<14	<14	<14
Bis [2-chloroisopropyl] ether	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Di-n-octyl phthalate	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Benzo[b]fluoranthene	0.01	see benzo(a)pyrene	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Benzo[k]fluoranthene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28
Benzo[a]pyrene	0.008	0.1	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Indeno[1,2,3-cd]pyrene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28
Benzo[g,h,i]perylene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28
Tentatively Identified Compounds (µg/l)									
Benzene, cyclopropyl-	NS	NS							
Benzene, (1-methylethyl)-	NS	NS	5.7 TJN						
Benzene, 1,3,5-trimethyl-	NS	NS	63 TJN						
Benzoic acid, p-tert-butyl-	NS	NS			2.2 TJN	2.0 TJN			
Benzoic acid, 3,5-bis(1,1-dimethylethyl)	NS	NS					4.7 TJN		
1H-Benzotriazole, 5-methyl-	NS	NS							
Butane, 1,2,3,4-tetrachloro-	NS	NS						4.5 TJN	
15-Crown-5	NS	NS							
Cyclobutane, 1-bromo-2-chloro-	NS	NS			5.9 TJN				
Cyclopentane, 1-acetyl-2-(methoxycarbony	NS	NS							
Cyclopentasiloxane, decamethyl-	NS	NS							
Cyclopentasiloxane, dodecamethyl-	NS	NS							
1,3-Cyclopentadiene,5,5-dimethyl-1,2-Di	NS	NS						5.7 TJN	
Ethane, 1,1-bis(ethylthio)-	NS	NS							
Indane	NS	NS	55 TJN						
Heptadecanoic acid	NS	NS			2.3 TJN			2.2 TJN	
n-Hexadecanoic acid	NS	NS	1.3 TJN						
Hexaethylene glycol dimethyl ether	NS	NS			3.8 TJN				
Hexanoic acid, 2-ethyl-	NS	NS			3.9 TJN	4.8 TJN			
Hexanoic acid,3,5,5-trimethyl-	NS	NS					16 TJN		
1,4,7,10,13,16-Hexaoxacyclooctadecane	NS	NS							
Methane, diethoxy-	NS	NS			3.9 TJN	6.0 TJN			
Methane, diethoxy-	NS	NS				2.2 TJN			
1-Naphthalenepropanol, .alpha. -ethenylde	NS	NS	1.4 TJN	1.8 TJN					
4-Nonylphenol	NS	NS							
Octadecanoic acid	NS	NS	2.6 TJN	2.2 TJN			2.4 TJN		
Pentanoic acid, 5-hydroxy-,p-t-butylphe	NS	NS							

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Laboratory ID No.			580-25582-3	580-25582-1	580-25582-5	580-25582-7	580-25611-9	580-25611-10	580-25611-1
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/14/2011	4/14/2011	4/13/2011
ANALYTICAL PARAMETERS									
Pentanedioic acid, 3-oxo-, dimethyl este	NS	NS						1.7 TJN	
1-Phenanthrenecarboxylic acid,1,2,3,4,4	NS	NS							
Phenol, 4,4"-(1-methylethylidene)bis-	NS	NS			10 TJN	11 TJN			
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NS	NS							
Phenol, (1,1,3,3-tetramethylbutyl)-	NS	NS							
1-Propanol, 2-(2-hydroxypropoxy)-	NS	NS				5.8 TJN	1.4 TJN		
2-Propanol, 1-(2-methoxy-1-methylethoxy)-	NS	NS							
1,3-Propanediol, 2,2-dimethyl-	NS	NS			24 TJN	23 TJN			
2-Propanol, 1-butoxy-	NS	NS			4.7 TJN			2.6 TJN	
2-Propanol, 1-[1-methyl-2-(2-propenyloxy	NS	NS					6.1 TJN		
2-Propanol, 1-(2-methoxypropoxy)-	NS	NS							
1-Propene, 1,1,2-trichloro-	NS	NS	3.5 TJN					3.1 TJN	
1-Propene, 1-chloro-2-methyl-	NS	NS							
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-en	NS	NS							
Toluene	NS	1,000							
Toluene	NS	1,000							
Triphenyl phosphate	NS	NS		2.2 TJN					
Triphenylphosphine oxide	NS	NS							
Unknown	NS	NS	4.1 TJ	1.6 TJ	2.4 TJ	2.7 TJ	2.3 TJ	2.8 TJ	1.2 TJ
Unknown	NS	NS	1.2 TJ		3.2 TJ	1.8 TJ	2.1 TJ	2.2 TJ	1.3 TJ
Unknown	NS	NS	1.2 TJ		4.3 TJ	5.3 TJ	2.4 TJ	1.6 TJ	1.2 TJ
Unknown	NS	NS	1.2 TJ		2.5 TJ	3.5 TJ	3.8 TJ		1.4 TJ
Unknown	NS	NS	1.1 TJ		3.8 TJ	6.2 TJ	3.8 TJ		1.1 TJ
Unknown	NS	NS	1.1 TJ		2.3 TJ	3.3 TJ	3.6 TJ		2.8 TJ
Unknown	NS	NS	1.2 TJ			2.6 TJ			1.5 TJ
Unknown	NS	NS				1.9 TJ			1.0 TJ
Unknown	NS	NS							
Unknown	NS	NS							
Unknown	NS	NS							
Unknown	NS	NS							
Unknown	NS	NS							
Total Metals (mg/l)									
Beryllium	NS	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.05	0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Copper	1.0	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nickel	NS	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver	0.05	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	5.0	NS	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Antimony	NS	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Arsenic	0.00005	0.005	**0.084**	**0.19**	**0.094**	**0.086**	**0.083**	**0.15**	**0.12**
Cadmium	0.01	0.005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lead	0.05	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Selenium	0.01	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Thallium	NS	NS	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	**0.00021**	<0.00020	<0.00020

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Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	DUP (ETMW-7)	MW-101	MW-102	MW-103
Laboratory ID No.			580-25582-3	580-25582-1	580-25582-5	580-25582-7	580-25611-9	580-25611-10	580-25611-1
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/14/2011	4/14/2011	4/13/2011
ANALYTICAL PARAMETERS									
Sample ID			ETMW-2F	ETMW-3F	ETMW-7F	DUP F (ETMW-7)	MW-101	MW-102	MW-103
Laboratory ID No.			580-25582-4	580-25582-2	580-25582-6	580-25582-8	580-25611-9	580-25611-10	580-25611-1
Dissolved Metals (mg/l)									
Beryllium	NS	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.05	0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Copper	1.0	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nickel	NS	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver	0.05	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	5.0	NS	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Antimony	NS	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Arsenic	0.00005	0.005	**0.085**	**0.18**	**0.095**	**0.090**	**0.083**	**0.14**	**0.12**
Cadmium	0.01	0.005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lead	0.05	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Selenium	0.01	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Thallium	NS	NS	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020

mg/l = milligrams per liter.
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit (MDL).
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
RL = Reporting Limit.
‡ = Total value for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.
B = Analyte detected in associated method blank.
H = Sample was prepped or analyzed beyond the specified holding time.
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N = Presumptive evidence of material.
T = Result is tentatively identified compound (TIC) and an estimated value.
* = LCS or LCSD exceeds the control limits.
* = RPD of the LCS and LCSD exceeds the control limits.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.

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Sample ID	Water Quality Standards	Model Toxics Control Act	MW-104	MW-105	DUP (MW-105)	MW-106	DUP (MW-106)	MW-107	MW-201
Laboratory ID No.			580-25611-3	580-25611-11	580-25611-12	580-25611-6	580-25611-7	580-25611-2	580-25611-4
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/13/2011	4/14/2011	4/14/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011
ANALYTICAL PARAMETERS									
Volatile Compounds (µg/l)									
Dichlorodifluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	0.02	0.2	<1.0	**690**	**610**	<1.0	<1.0	<1.0	<1.0
Bromomethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	NS	NS	<5.0	**9,200**	**8,100**	**1,300**	**1,000**	<5.0	<5.0
Trichlorofluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	5	<3.0	**8.6**	**9.3**	<3.0	<3.0	<3.0	<3.0
trans-1,2-Dichloroethene	NS	NS	<1.0	**3.2**	**3.2**	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	1.0	NS	<1.0	**4,600**	**4,800**	**2.1**	**4.0**	<1.0	<1.0
2,2-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NS	NS	<1.0	**4.6**	**5.5**	<1.0	<1.0	<1.0	<1.0
Chlorobromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	7.0	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	200	<1.0	**130**	**130**	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1.0	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	0.5	5	<1.0	**14**	**14**	**1.7**	**1.7**	<1.0	<1.0
Trichloroethene	3	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.6	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	0.2**	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	NS	1,000	<1.0	**52**	**52**	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	0.8	5	<1.0	**3.3**	**3.2**	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	0.5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylene Dibromide	0.001	0.01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	NS	700	<1.0	**1.4**	**1.4**	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m-Xylene & p-Xylene	NS	1,000***	<2.0	**2.9**	**2.9**	<2.0	<2.0	<2.0	<2.0
o-Xylene	NS	1,000***	<1.0	**5.4**	**5.4**	<1.0	<1.0	<1.0	<1.0
Styrene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Propylbenzene	NS	NS	<1.0	**1.3**	**1.3**	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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Sample ID	Water Quality Standards	Model Toxics Control Act	MW-104	MW-105	DUP (MW-105)	MW-106	DUP (MW-106)	MW-107	MW-201
Laboratory ID No.			580-25611-3	580-25611-11	580-25611-12	580-25611-6	580-25611-7	580-25611-2	580-25611-4
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/13/2011	4/14/2011	4/14/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011
ANALYTICAL PARAMETERS									
1,3,5-Trimethylbenzene	NS	NS	<1.0	**2.5**	**3.0**	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	NS	NS	<1.0	**8.8**	**9.3**	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Isopropyltoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	4	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	NS	160‡	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NS	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NS	NS	<10	<10	<10	<10	<10	<10	<10
Tentatively Identified Compounds (µg/l)							None		
Benzene, 1,3,5-trimethyl-	NS	NS							
Butane, 1,3-dichloro-	NS	NS							
n-Butanol	NS	NS	330					370	370
2-Butene, 1,4-dichloro-	NS	NS							
Diethyl sulfide	NS	NS							
Ethane, (methylthio)-	NS	NS							
Ethane, 1,2-dichloro-1,1,2-triflouro-	NS	NS		9.8 TJN	10 TJN				
Indane	NS	NS							
Isobutyl alcohol	NS	NS							
2-Methyl-2-propanol	NS	NS							
1-Propene, 2-chloro-	NS	NS							
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS		17 TJN					
Tetrahydrofuran	NS	NS							
Unknown	NS	NS		5,300 TJ	5,400 TJ				
Unknown	NS	NS			31 TJ				
Semi-Volatile Organic Compounds (µg/l)									
Phenol	NS	NS	<2.8	<2.8	<2.8	<2.8	<2.8	<2.9	<2.8
Bis(2-chloroethyl)ether	0.07	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Chlorophenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,3-Dichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,4-Dichlorobenzene	4	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Benzyl alcohol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9

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Sample ID	Water Quality Standards	Model Toxics Control Act	MW-104	MW-105	DUP (MW-105)	MW-106	DUP (MW-106)	MW-107	MW-201
Laboratory ID No.			580-25611-3	580-25611-11	580-25611-12	580-25611-6	580-25611-7	580-25611-2	580-25611-4
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/13/2011	4/14/2011	4/14/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011
ANALYTICAL PARAMETERS									
1,2-Dichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Methylphenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
3 & 4 Methylphenol	NS	NS	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
N-Nitrosodi-n-propylamine	0.01	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachloroethane	NS	NS	<2.8	<2.8	<2.8	<2.8	<2.8	<2.9	<2.8
Nitrobenzene	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Isophorone	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Nitrophenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dimethylphenol	NS	NS	<4.7*	<4.7*	<4.7*	<4.7*	<4.7*	<4.8*	<4.7*
Benzoic acid	NS	NS	<9.4	<9.4	<9.4	<9.4	<9.4	<9.5	<9.4
Bis(2-chloroethoxy)methane	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dichlorophenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,2,4-Trichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Naphthalene	NS	160‡	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Chloroaniline	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachlorobutadiene	NS	NS	<2.8	<2.8	<2.8	<2.8	<2.8	<2.9	<2.8
4-Chloro-3-methylphenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Methylnaphthalene	NS	160‡	<0.94	<0.94	<0.94	<0.94	<0.94	<0.95	<0.94
1-Methylnaphthalene	NS	160‡	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Hexachlorocyclopentadiene	NS	NS	<9.4	<9.4	<9.4	<9.4	<9.4	<9.5	<9.4
2,4,6-Trichlorophenol	4	NS	<2.8	<2.8	<2.8	<2.8	<2.8	<2.9	<2.8
2,4,5-Trichlorophenol	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Chloronaphthalene	NS	NS	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
2-Nitroaniline	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Dimethyl phthalate	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Acenaphthylene	0.01	NS	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
2,6-Dinitrotoluene	0.1	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
3-Nitroaniline	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Acenaphthene	0.01	NS	<0.47	<0.47	<0.47	<0.47	<0.47	<0.48	<0.47
2,4-Dinitrophenol	NS	NS	<24	<24	<24	<24	<24	<24	<24
4-Nitrophenol	NS	NS	<9.4	<9.4	<9.4	<9.4	<9.4	<9.5	<9.4
Dibenzofuran	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dinitrotoluene	0.1	NS	<1.9*	<1.9*	<1.9*	<1.9*	<1.9*	<1.9*	<1.9*
Diethyl phthalate	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Chlorophenyl phenyl ether	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Fluorene	0.01	NS	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
4-Nitroaniline	NS	NS	<2.8	<2.8	<2.8	<2.8	<2.8	<2.9	<2.8
4,6-Dinitro-2-methylphenol	NS	NS	<19	<19	<19	<19	<19	<19	<19
N-Nitrosodiphenylamine	17	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Bromophenyl phenyl ether	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachlorobenzene	0.05	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Pentachlorophenol	NS	NS	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Phenanthrene	0.01	NS	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Anthracene	0.01	NS	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Carbazole	5	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9

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Laboratory ID No.			580-25611-3	580-25611-11	580-25611-12	580-25611-6	580-25611-7	580-25611-2	580-25611-4
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/13/2011	4/14/2011	4/14/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011
ANALYTICAL PARAMETERS									
Di-n-butyl phthalate	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Fluoranthene	0.01	NS	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Pyrene	0.01	NS	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
Butyl benzyl phthalate	NS	NS	<2.8	<2.8	<2.8	<2.8	<2.8	<2.9	<2.8
3,3'-Dichlorobenzidine	0.2	NS	<9.4	<9.4	<9.4	<9.4	<9.4	<9.5	<9.4
Benzo[a]anthracene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
Chrysene	0.01	see benzo(a)pyrene	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Bis(2-ethylhexyl) phthalate	6.0	NS	<14	<14	<14	<14	<14	<14	<14
Bis [2-chloroisopropyl] ether	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Di-n-octyl phthalate	NS	NS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Benzo[b]fluoranthene	0.01	see benzo(a)pyrene	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Benzo[k]fluoranthene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
Benzo[a]pyrene	0.008	0.1	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Indeno[1,2,3-cd]pyrene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
Benzo[g,h,i]perylene	0.01	see benzo(a)pyrene	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
Tentatively Identified Compounds (µg/l)									
Benzene, cyclopropyl-	NS	NS					3.7 TJN		
Benzene, (1-methylethyl)-	NS	NS							
Benzene, 1,3,5-trimethyl-	NS	NS		12 TJN					
Benzoic acid, p-tert-butyl-	NS	NS							
Benzoic acid, 3,5-bis(1,1-dimethylethyl)	NS	NS				2.8 TJN	4.0 TJN		
1H-Benzotriazole, 5-methyl-	NS	NS		15 TJN					
Butane, 1,2,3,4-tetrachloro-	NS	NS		15 TJN					
15-Crown-5	NS	NS				3.1 TJN			
Cyclobutane, 1-bromo-2-chloro-	NS	NS							
Cyclopentane, 1-acetyl-2-(methoxycarbony	NS	NS						1.7 TJN	
Cyclopentasiloxane, decamethyl-	NS	NS							
Cyclopentasiloxane, dodecamethyl-	NS	NS					3.3 TJN		
1,3-Cyclopentadiene,5,5-dimethyl-1,2-Di	NS	NS							
Ethane, 1,1-bis(ethylthio)-	NS	NS							
Indane	NS	NS							
Heptadecanoic acid	NS	NS				2.0 TJN			
n-Hexadecanoic acid	NS	NS							
Hexaethylene glycol dimethyl ether	NS	NS							
Hexanoic acid, 2-ethyl-	NS	NS							
Hexanoic acid,3,5,5-trimethyl-	NS	NS					3.5 TJN		
1,4,7,10,13,16-Hexaoxacyclooctadecane	NS	NS							
Methane, diethoxy-	NS	NS							
Methane, diethoxy-	NS	NS							
1-Naphthalenepropanol, .alpha. -ethenylde	NS	NS			12 TJN				
4-Nonylphenol	NS	NS		11 TJN		3.2 TJN	7.2 TJN		
Octadecanoic acid	NS	NS				1.9 TJN			
Pentanoic acid, 5-hydroxy-,p-t-butylphe	NS	NS							

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Sample ID	Water Quality Standards	Model Toxics Control Act	MW-104	MW-105	DUP (MW-105)	MW-106	DUP (MW-106)	MW-107	MW-201
Laboratory ID No.			580-25611-3	580-25611-11	580-25611-12	580-25611-6	580-25611-7	580-25611-2	580-25611-4
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/13/2011	4/14/2011	4/14/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011
ANALYTICAL PARAMETERS									
Pentanedioic acid, 3-oxo-, dimethyl este	NS	NS							
1-Phenanthrenecarboxylic acid,1,2,3,4,4	NS	NS		13 TJN	12 TJN		3.6 TJN		
Phenol, 4,4"-(1-methylethylidene)bis-	NS	NS							
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NS	NS		15 TJN	17 TJN	2.7 TJN	2.7 TJN		
Phenol, (1,1,3,3-tetramethylbutyl)-	NS	NS		20 TJN			4.6 TJN		
1-Propanol, 2-(2-hydroxypropoxy)-	NS	NS				3.0 TJN			
2-Propanol, 1-(2-methoxy-1-methylethoxy)-	NS	NS				25 TJN	23 TJN		
1,3-Propanediol, 2,2-dimethyl-	NS	NS		37 TJN	31 TJN	4.4 TJN	3.3 TJN		
2-Propanol, 1-butoxy-	NS	NS							
2-Propanol, 1-[1-methyl-2-(2-propenyloxy	NS	NS							
2-Propanol, 1-(2-methoxypropoxy)-	NS	NS				30 TJN	29 TJN		
1-Propene, 1,1,2-trichloro-	NS	NS							
1-Propene, 1-chloro-2-methyl-	NS	NS							
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-en	NS	NS				3.6 TJN			
Toluene	NS	1,000		22 TJN	18 TJN				
Toluene	NS	1,000			9.9 TJN				
Triphenyl phosphate	NS	NS							
Triphenylphosphine oxide	NS	NS						1.4 TJN	
Unknown	NS	NS	2.3 TJ	30 TJ	29 TJ	1.9 TJ	4.9 TJ	2.0 TJ	2.0 TJ
Unknown	NS	NS		50 TJ	7.3 TJ	4.8 TJ	2.8 TJ	2.1 TJ	2.1 TJ
Unknown	NS	NS		13 TJ	55 TJ	1.6 TJ	2.9 TJ	1.8 TJ	
Unknown	NS	NS		21 TJ	6.6 TJ		3.8 TJ	3.8 TJ	
Unknown	NS	NS		12 TJ	13 TJ			1.8 TJ	
Unknown	NS	NS		12 TJ	9.9 TJ			1.9 TJ	
Unknown	NS	NS			10 TJ			2.5 TJ	
Unknown	NS	NS			8.2 TJ			1.5 TJ	
Unknown	NS	NS			8.7 TJ			1.6 TJ	
Unknown	NS	NS						2.1 TJ	
Unknown	NS	NS						2.7 TJ	
Unknown	NS	NS						1.6 TJ	
Total Metals (mg/l)									
Beryllium	NS	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.05	0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Copper	1.0	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nickel	NS	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver	0.05	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	5.0	NS	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Antimony	NS	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Arsenic	0.00005	0.005	**0.078**	**0.017**	**0.017**	**0.041**	**0.040**	**0.0093**	<0.0020
Cadmium	0.01	0.005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lead	0.05	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Selenium	0.01	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Thallium	NS	NS	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020

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Sample ID	Water Quality Standards	Model Toxics Control Act	MW-104	MW-105	DUP (MW-105)	MW-106	DUP (MW-106)	MW-107	MW-201
Laboratory ID No.			580-25611-3	580-25611-11	580-25611-12	580-25611-6	580-25611-7	580-25611-2	580-25611-4
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/13/2011	4/14/2011	4/14/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011
ANALYTICAL PARAMETERS									
Sample ID			MW-104	MW-105	DUP (MW-105)	MW-106	DUP (MW-106)	MW-107	MW-201
Laboratory ID No.			580-25611-3	580-25611-11	580-25611-12	580-25611-6	580-25611-7	580-25611-2	580-25611-4
Dissolved Metals (mg/l)									
Beryllium	NS	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.05	0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Copper	1.0	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nickel	NS	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver	0.05	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	5.0	NS	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Antimony	NS	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Arsenic	0.00005	0.005	**0.076**	**0.017**	<0.0020	**0.044**	**0.040**	**0.010**	<0.0020
Cadmium	0.01	0.005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lead	0.05	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Selenium	0.01	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Thallium	NS	NS	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020

mg/l = milligrams per liter.
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit (MDL).
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
RL = Reporting Limit.
‡ = Total value for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.
B = Analyte detected in associated method blank.
H = Sample was prepped or analyzed beyond the specified holding time.
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N = Presumptive evidence of material.
T = Result is tentatively identified compound (TIC) and an estimated value.
* = LCS or LCSD exceeds the control limits.
* = RPD of the LCS and LCSD exceeds the control limits.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.

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Sample ID	Water Quality Standards	Model Toxics Control Act	FB	TB	FB	TB	FB	TB
Laboratory ID No.			580-25582-9	580-25582-11	580-25611-5	580-25611-8	580-25611-13	580-25611-14
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/11/2011	4/13/2011	4/12/2011	4/14/2011	4/14/2011
ANALYTICAL PARAMETERS								
Volatile Compounds (µg/l)								
Dichlorodifluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	0.02	0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	5	12	<3.0	11	<3.0	<3.0	<3.0
trans-1,2-Dichloroethene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	1.0	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	7.0	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1.0	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	0.5	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	3	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.6	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	0.2**	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	NS	1,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	0.8	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	0.5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylene Dibromide	0.001	0.01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	NS	700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m-Xylene & p-Xylene	NS	1,000***	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	NS	1,000***	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Propylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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Sample ID	Water Quality Standards	Model Toxics Control Act	FB	TB	FB	TB	FB	TB
Laboratory ID No.			580-25582-9	580-25582-11	580-25611-5	580-25611-8	580-25611-13	580-25611-14
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/11/2011	4/13/2011	4/12/2011	4/14/2011	4/14/2011
ANALYTICAL PARAMETERS								
1,3,5-Trimethylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Isopropyltoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	4	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	NS	160‡	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NS	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	NS	NS	<10	<10	**14**	**13**	<10	<10
4-Methyl-2-pentanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NS	NS	<10	<10	<10	<10	<10	<10
Tentatively Identified Compounds (µg/l)								
Benzene, 1,3,5-trimethyl-	NS	NS						
Butane, 1,3-dichloro-	NS	NS						
n-Butanol	NS	NS			340	510	360	100
2-Butene, 1,4-dichloro-	NS	NS						
Diethyl sulfide	NS	NS						
Ethane, (methylthio)-	NS	NS						
Ethane, 1,2-dichloro-1,1,2-triflouro-	NS	NS						
Indane	NS	NS						
Isobutyl alcohol	NS	NS				120		
2-Methyl-2-propanol	NS	NS						
1-Propene, 2-chloro-	NS	NS						
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS						
Tetrahydrofuran	NS	NS	12	6.0	11		5.8	
Unknown	NS	NS						
Unknown	NS	NS						
Semi-Volatile Organic Compounds (µg/l)								
Phenol	NS	NS	<3.0	NA	<4.4	NA	<2.8	NA
Bis(2-chloroethyl)ether	0.07	NS	<2.0	NA	<2.9	NA	<1.9	NA
2-Chlorophenol	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
1,3-Dichlorobenzene	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
1,4-Dichlorobenzene	4	NS	<2.0	NA	<2.9	NA	<1.9	NA
Benzyl alcohol	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA

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Laboratory ID No.			580-25582-9	580-25582-11	580-25611-5	580-25611-8	580-25611-13	580-25611-14
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/11/2011	4/13/2011	4/12/2011	4/14/2011	4/14/2011
ANALYTICAL PARAMETERS								
1,2-Dichlorobenzene	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
2-Methylphenol	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
3 & 4 Methylphenol	NS	NS	<4.0	NA	<5.9	NA	<3.8	NA
N-Nitrosodi-n-propylamine	0.01	NS	<2.0	NA	<2.9	NA	<1.9	NA
Hexachloroethane	NS	NS	<3.0	NA	<4.4	NA	<2.8	NA
Nitrobenzene	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Isophorone	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
2-Nitrophenol	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
2,4-Dimethylphenol	NS	NS	<5.0*	NA	<7.4*	NA	<4.7*	NA
Benzoic acid	NS	NS	<10	NA	<15	NA	<9.4	NA
Bis(2-chloroethoxy)methane	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
2,4-Dichlorophenol	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
1,2,4-Trichlorobenzene	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Naphthalene	NS	160‡	<2.0	NA	<2.9	NA	<1.9	NA
4-Chloroaniline	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Hexachlorobutadiene	NS	NS	<3.0	NA	<4.4	NA	<2.8	NA
4-Chloro-3-methylphenol	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
2-Methylnaphthalene	NS	160‡	<1.0	NA	<1.5	NA	<0.94	NA
1-Methylnaphthalene	NS	160‡	<0.40	NA	<0.59	NA	<0.38	NA
Hexachlorocyclopentadiene	NS	NS	<10	NA	<15	NA	<9.4	NA
2,4,6-Trichlorophenol	4	NS	<3.0	NA	<4.4	NA	<2.8	NA
2,4,5-Trichlorophenol	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
2-Chloronaphthalene	NS	NS	<0.30	NA	<0.44	NA	<0.28	NA
2-Nitroaniline	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Dimethyl phthalate	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Acenaphthylene	0.01	NS	<0.40	NA	<0.59	NA	<0.38	NA
2,6-Dinitrotoluene	0.1	NS	<2.0	NA	<2.9	NA	<1.9	NA
3-Nitroaniline	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Acenaphthene	0.01	NS	<0.50	NA	<0.74	NA	<0.47	NA
2,4-Dinitrophenol	NS	NS	<25	NA	<37	NA	<24	NA
4-Nitrophenol	NS	NS	<10	NA	<15	NA	<9.4	NA
Dibenzofuran	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
2,4-Dinitrotoluene	0.1	NS	<2.0*	NA	<2.9*	NA	<1.9*	NA
Diethyl phthalate	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
4-Chlorophenyl phenyl ether	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Fluorene	0.01	NS	<0.30	NA	<0.44	NA	<0.28	NA
4-Nitroaniline	NS	NS	<3.0	NA	<4.4	NA	<2.8	NA
4,6-Dinitro-2-methylphenol	NS	NS	<20	NA	<29	NA	<19	NA
N-Nitrosodiphenylamine	17	NS	<2.0	NA	<2.9	NA	<1.9	NA
4-Bromophenyl phenyl ether	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Hexachlorobenzene	0.05	NS	<2.0	NA	<2.9	NA	<1.9	NA
Pentachlorophenol	NS	NS	<3.5	NA	<5.1	NA	<3.3	NA
Phenanthrene	0.01	NS	<0.40	NA	<0.59	NA	<0.38	NA
Anthracene	0.01	NS	<0.20	NA	<0.29	NA	<0.19	NA
Carbazole	5	NS	<2.0	NA	<2.9	NA	<1.9	NA

Groundwater Analytical Results
April 2011
REXAM Beverage Can Company
Kent, Washington
Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	FB	TB	FB	TB	FB	TB
Laboratory ID No.			580-25582-9	580-25582-11	580-25611-5	580-25611-8	580-25611-13	580-25611-14
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/11/2011	4/13/2011	4/12/2011	4/14/2011	4/14/2011
ANALYTICAL PARAMETERS								
Di-n-butyl phthalate	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Fluoranthene	0.01	NS	<0.25	NA	<0.37	NA	<0.24	NA
Pyrene	0.01	NS	<0.30	NA	<0.44	NA	<0.28	NA
Butyl benzyl phthalate	NS	NS	<3.0	NA	<4.4	NA	<2.8	NA
3,3'-Dichlorobenzidine	0.2	NS	<10	NA	<15	NA	<9.4	NA
Benzo[a]anthracene	0.01	see benzo(a)pyrene	<0.30	NA	<0.44	NA	<0.28	NA
Chrysene	0.01	see benzo(a)pyrene	<0.20	NA	<0.29	NA	<0.19	NA
Bis(2-ethylhexyl) phthalate	6.0	NS	<15	NA	<22	NA	<14	NA
Bis [2-chloroisopropyl] ether	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Di-n-octyl phthalate	NS	NS	<2.0	NA	<2.9	NA	<1.9	NA
Benzo[b]fluoranthene	0.01	see benzo(a)pyrene	<0.40	NA	<0.59	NA	<0.38	NA
Benzo[k]fluoranthene	0.01	see benzo(a)pyrene	<0.30	NA	<0.44	NA	<0.28	NA
Benzo[a]pyrene	0.008	0.1	<0.20	NA	<0.29	NA	<0.19	NA
Indeno[1,2,3-cd]pyrene	0.01	see benzo(a)pyrene	<0.30	NA	<0.44	NA	<0.28	NA
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.30	NA	<0.44	NA	<0.28	NA
Benzo[g,h,i]perylene	0.01	see benzo(a)pyrene	<0.30	NA	<0.44	NA	<0.28	NA
Tentatively Identified Compounds (µg/l)								
Benzene, cyclopropyl-	NS	NS						
Benzene, (1-methylethyl)-	NS	NS						
Benzene, 1,3,5-trimethyl-	NS	NS						
Benzoic acid, p-tert-butyl-	NS	NS						
Benzoic acid, 3,5-bis(1,1-dimethylethyl)	NS	NS						
1H-Benzotriazole, 5-methyl-	NS	NS						
Butane, 1,2,3,4-tetrachloro-	NS	NS						
15-Crown-5	NS	NS						
Cyclobutane, 1-bromo-2-chloro-	NS	NS						
Cyclopentane, 1-acetyl-2-(methoxycarbony	NS	NS						
Cyclopentasiloxane, decamethyl-	NS	NS			2.7 TJN		2.8 TJN	
Cyclopentasiloxane, dodecamethyl-	NS	NS					1.8 TJN	
1,3-Cyclopentadiene,5,5-dimethyl-1,2-Di	NS	NS						
Ethane, 1,1-bis(ethylthio)-	NS	NS						
Indane	NS	NS						
Heptadecanoic acid	NS	NS						
n-Hexadecanoic acid	NS	NS						
Hexaethylene glycol dimethyl ether	NS	NS						
Hexanoic acid, 2-ethyl-	NS	NS						
Hexanoic acid,3,5,5-trimethyl-	NS	NS						
1,4,7,10,13,16-Hexaoxacyclooctadecane	NS	NS						
Methane, diethoxy-	NS	NS						
Methane, diethoxy-	NS	NS						
1-Naphthalenepropanol, .alpha. -ethenylde	NS	NS						
4-Nonylphenol	NS	NS						
Octadecanoic acid	NS	NS						
Pentanoic acid, 5-hydroxy-,p-t-butylphe	NS	NS						

Groundwater Analytical Results
April 2011
REXAM Beverage Can Company
Kent, Washington
Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	FB	TB	FB	TB	FB	TB
Laboratory ID No.			580-25582-9	580-25582-11	580-25611-5	580-25611-8	580-25611-13	580-25611-14
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/11/2011	4/13/2011	4/12/2011	4/14/2011	4/14/2011
ANALYTICAL PARAMETERS								
Pentanedioic acid, 3-oxo-, dimethyl este	NS	NS						
1-Phenanthrenecarboxylic acid,1,2,3,4,4	NS	NS						
Phenol, 4,4"-(1-methylethylidene)bis-	NS	NS						
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	NS	NS						
Phenol, (1,1,3,3-tetramethylbutyl)-	NS	NS						
1-Propanol, 2-(2-hydroxypropoxy)-	NS	NS						
2-Propanol, 1-(2-methoxy-1-methylethoxy)-	NS	NS						
1,3-Propanediol, 2,2-dimethyl-	NS	NS						
2-Propanol, 1-butoxy-	NS	NS						
2-Propanol, 1-[1-methyl-2-(2-propenyloxy	NS	NS						
2-Propanol, 1-(2-methoxypropoxy)-	NS	NS						
1-Propene, 1,1,2-trichloro-	NS	NS						
1-Propene, 1-chloro-2-methyl-	NS	NS						
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-en	NS	NS						
Toluene	NS	1,000						
Toluene	NS	1,000						
Triphenyl phosphate	NS	NS						
Triphenylphosphine oxide	NS	NS						
Unknown	NS	NS	1.3 TJ		1.6 TJ			
Unknown	NS	NS	1.2 TJ					
Unknown	NS	NS	1.3 TJ					
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Total Metals (mg/l)								
Beryllium	NS	NS	<0.0050	NA	<0.0050	NA	<0.0050	NA
Chromium	0.05	0.050	<0.025	NA	<0.025	NA	<0.025	NA
Copper	1.0	NS	<0.020	NA	<0.020	NA	<0.020	NA
Nickel	NS	NS	<0.020	NA	<0.020	NA	<0.020	NA
Silver	0.05	NS	<0.020	NA	<0.020	NA	<0.020	NA
Zinc	5.0	NS	<0.040	NA	<0.040	NA	<0.040	NA
Antimony	NS	NS	<0.0020	NA	<0.0020	NA	<0.0020	NA
Arsenic	0.00005	0.005	<0.0020	NA	<0.0020	NA	<0.0020	NA
Cadmium	0.01	0.005	<0.0020	NA	<0.0020	NA	<0.0020	NA
Lead	0.05	0.015	<0.0020	NA	<0.0020	NA	<0.0020	NA
Selenium	0.01	NS	<0.0020	NA	<0.0020	NA	<0.0020	NA
Thallium	NS	NS	<0.0040	NA	<0.0040	NA	<0.0040	NA
Mercury	0.002	0.002	<0.00020	NA	<0.00020	NA	<0.00020	NA

Groundwater Analytical Results
April 2011
REXAM Beverage Can Company
Kent, Washington
Site No. 35918556

Sample ID	Water Quality Standards	Model Toxics Control Act	FB	TB	FB	TB	FB	TB
Laboratory ID No.			580-25582-9	580-25582-11	580-25611-5	580-25611-8	580-25611-13	580-25611-14
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/12/2011	4/11/2011	4/13/2011	4/12/2011	4/14/2011	4/14/2011
ANALYTICAL PARAMETERS								
Sample ID			FB(F)		FB		FB	
Laboratory ID No.			580-25582-10		580-25611-5		580-25611-13	
Dissolved Metals (mg/l)								
Beryllium	NS	NS	<0.0050	NA	<0.0050	NA	<0.0050	NA
Chromium	0.05	0.050	<0.025	NA	<0.025	NA	<0.025	NA
Copper	1.0	NS	<0.020	NA	<0.020	NA	<0.020	NA
Nickel	NS	NS	<0.020	NA	<0.020	NA	<0.020	NA
Silver	0.05	NS	<0.020	NA	<0.020	NA	<0.020	NA
Zinc	5.0	NS	<0.040	NA	<0.040	NA	<0.040	NA
Antimony	NS	NS	<0.0020	NA	<0.0020	NA	<0.0020	NA
Arsenic	0.00005	0.005	<0.0020	NA	<0.0020	NA	**0.016**	NA
Cadmium	0.01	0.005	<0.0020	NA	<0.0020	NA	<0.0020	NA
Lead	0.05	0.015	<0.0020	NA	<0.0020	NA	<0.0020	NA
Selenium	0.01	NS	<0.0020	NA	<0.0020	NA	<0.0020	NA
Thallium	NS	NS	<0.0040	NA	<0.0040	NA	<0.0040	NA
Mercury	0.002	0.002	<0.00020	NA	<0.00020	NA	<0.00020	NA

mg/l = milligrams per liter.
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit (MDL).
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
RL = Reporting Limit.
‡ = Total value for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.
B = Analyte detected in associated method blank.
H = Sample was prepped or analyzed beyond the specified holding time.
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N = Presumptive evidence of material.
T = Result is tentatively identified compound (TIC) and an estimated value.
* = LCS or LCSD exceeds the control limits.
* = RPD of the LCS and LCSD exceeds the control limits.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.

Table 4
Groundwater Geochemical Parameters
April 2011
REXAM Beverage Can Company
Kent, Washington
Site No. 35918556

Sample ID	ETMW-2	ETMW-3	ETMW-7	DUP (ETMW-7)	MW-101	MW-102	MW-103	MW-104
Laboratory ID No.	580-25582-3	580-25582-1	580-25582-5	580-25582-7	580-25611-9	580-25611-10	580-25611-1	580-25611-3
Date Sampled	4/12/2011	4/12/2011	4/12/2011	4/12/2011	4/14/2011	4/14/2011	4/13/2011	4/13/2011
ANALYTICAL PARAMETERS								
Natural Attenuation (mg/l)								
Ethane	<0.026	<0.026	<0.026	<0.026	<0.026	**0.0574**	<0.026	<0.026
Ethene	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026
Methane	**13.6**	**16.3**	**9.58**	**9.51**	**13.5**	**13.3**	**9.34**	**6.99**
Nitrite (as Nitrogen)	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
Sulfate	<1.2	<1.2	**1.4**	<1.2	<1.2	<1.2	<1.2	<1.2
Nitrate (as Nitrogen)	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
Total Organic Carbon	**36**	**43**	**33**	**29**	**28**	**72**	**67**	**24**
Alkalinity	**250**	**320**	**150**	**140**	**200**	**470**	**520**	**180**
Bicarbonate Alkalinity ($CaCO_3$)	**250**	**320**	**150**	**140**	**200**	**470**	**520**	**180**
Carbonate Alkalinity ($CaCO_3$)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hydroxide Alkalinity ($CaCO_3$)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Biochemical Oxygen Demand	**10**	**22**	**8.4**	**7.4 H**	**13**	**29**	**14 H**	**15**
Chemical Oxygen Demand	**78**	**98**	**78**	**68**	**72**	**170**	**150**	**58**
Sulfide	<0.100 H2	<0.100 H2	<0.100 H2	<0.100 H2	<5.00	<5.00	<5.00	<5.00
Total Iron	**43**	**82**	**47**	**43**	**46**	**140**	**89**	**54**
Ferrous Iron	**1.85**	**3.21**	**3.3**	**2.0**	**2.52**	**2.82**	**2.25**	**2.22**

NA = Not Analyzed.
H = Sample was prepped or analyzed beyond the specified holding time.
H2 = Initial analysis within holding time. Reanalysis for required dilution or confirmation was past holding time.
< 5.0 = Not detected above reporting limit.

Table 4
Groundwater Geochemical Parameters
April 2011
REXAM Beverage Can Company
Kent, Washington
Site No. 35918556

Sample ID	MW-105	DUP (MW-105)	MW-106	DUP (MW-106)	MW-107	MW-201
Laboratory ID No.	580-25611-11	580-25611-12	580-25611-6	580-25611-7	580-25611-2	580-25611-4
Date Sampled	4/14/2011	4/14/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011
ANALYTICAL PARAMETERS						
Natural Attenuation (mg/l)						
Ethane	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026
Ethene	**0.142**	**0.138**	<0.026	<0.026	<0.026	<0.026
Methane	**5.29**	**5.28**	**8.42**	**7.36**	**7.55**	**9.40**
Nitrite (as Nitrogen)	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
Sulfate	**61**	**62**	<1.2	<1.2	**6.8**	<1.2
Nitrate (as Nitrogen)	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
Total Organic Carbon	**65**	**63**	**25**	**25**	**7.5**	**3.7**
Alkalinity	**430**	**430**	**240**	**240**	**56**	**160**
Bicarbonate Alkalinity ($CaCO_3$)	**430**	**430**	**240**	**240**	**56**	**160**
Carbonate Alkalinity ($CaCO_3$)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hydroxide Alkalinity ($CaCO_3$)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Biochemical Oxygen Demand	**14**	**11**	**26**	**27 H**	<4.0	**7.1**
Chemical Oxygen Demand	**150**	**160**	**78**	**62**	**20**	**10**
Sulfide	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Total Iron	**31**	**32**	**58**	**57**	**13**	**1.9**
Ferrous Iron	**1.24**	**0.65**	**1.75**	**1.63**	**1.05**	**0.41**

NA = Not Analyzed.
H = Sample was prepped or analyzed beyond the specified holding time.
H2 = Initial analysis within holding time. Reanalysis for required dilution or confirmation was past holding time.
< 5.0 = Not detected above reporting limit.

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105	DUP-2	MW-106
Laboratory ID No.	Standards	Control Act	580-27278-2	580-27278-1	580-27278-3	580-27278-12	580-27278-15	580-27278-4	580-27278-8	580-27278-13	580-27278-16	580-27278-11
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/8/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground										
Volatile Compounds (µg/l)		Water										
Dichlorodifluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	0.02	0.2	<1.0	<1.0	<1.0	**2.0**	<1.0	<1.0	<1.0	**390**	**500**	<1.0
Bromomethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	NS	NS	<5.0	<5.0	<5.0	<5.0	**750**	<5.0	<5.0	**7,200**	**7,200**	**660**
Trichlorofluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	5	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	**8.5**	**8.4**	<3.0
trans-1,2-Dichloroethene	100	NS	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	<1.0	**3.2**	**3.1**	<1.0
1,1-Dichloroethane	1	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2,700**	**2,800**	**2.6**
2,2-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	NS	<1.0	<1.0	<1.0	**1.5**	<1.0	<1.0	<1.0	**4.9**	**4.8**	<1.0
Chlorobromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	7	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**100**	**100**	<1.0
Carbon tetrachloride	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1.0	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane (EDC)	0.5	5	<1.0	<1.0	<1.0	<1.0	**10**	<1.0	<1.0	**13**	**13**	**1.6**
Trichloroethene	3	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.6	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	0.2**	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	1,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**62**	**57**	<1.0
trans-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	0.8	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.1**	**2.1**	<1.0
1,3-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	0.5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylene Dibromide (EDB)	0.001	0.01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	**1.4**	<1.0
1,1,1,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
m-Xylene & p-Xylene	10,000***	1,000***	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**3.6**	**3.1**	<2.0
o-Xylene	10,000***	1,000***	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0	**6.0**	**5.5**	<1.0
Styrene	100	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	NS	NS	**6.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105	DUP-2	MW-106
Laboratory ID No.	Standards	Control Act	580-27278-2	580-27278-1	580-27278-3	580-27278-12	580-27278-15	580-27278-4	580-27278-8	580-27278-13	580-27278-16	580-27278-11
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/8/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground										
Bromobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Propylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	1.5	<1.0
1,2,3-Trichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	3.1	<1.0
4-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	13	12	<1.0
sec-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Isopropyltoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	4	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-pentanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	NS	160‡	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0
Methyl tert-butyl ether (MTBE)	NS	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tentatively Identified Compounds (µg/l)												
cis-1,4-Dichloro-2-butene	NS	NS	6.6							27	27	
trans-1,4-Dichloro-2-butene	NS	NS								7.5		
Benzene, 1-ethyl-2-methyl-	NS	NS								6.0 TJN	5.7 TJN	
Benzene, 1,3,5-trimethyl-	NS	NS	70 TJN								5.6 TJN	
Diethyl sulfide	NS	NS					15 TJN					
Ethane, (methylthio)-	NS	NS					3.6 TJN					
Ethane, 1,2-dichloro-1,1,2-triflouro-	NS	NS								8.7 TJN	8.3 TJN	
1,1,2-Trichloro-1,1,2-trifluoroethane	NS	NS								8.2	7.8	
Hexane	NS	NS								12	11	
Indane	NS	NS	59 TJN									3.2 TJN
Isobutyl alcohol	NS	NS					180					
2-Methyl-2-propanol	NS	NS			34							
1-Propene, 3-chloro-	NS	NS					6.4 TJN					
1-Propene, 3-chloro-2-(chloromethyl)	NS	NS					7.7 TJN					
Tetrahydrofuran	NS	NS										7.4
Butane, 1,3-dichloro-	NS	NS					5.9 TJN					
Unknown	NS	NS									30 TJ	
Unknown	NS	NS	5.5 TJ	5.4 TJ	5.5 TJ	5.5 TJ	6.2 TJ	5.6 TJ	5.2 TJ	14 TJ	5.8 TJ	5.6 TJ
Unknown	NS	NS					54 TJ			32 TJ	13 TJ	55 TJ
Unknown	NS	NS								510 TJ	550 TJ	

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105	DUP-2	MW-106
Laboratory ID No.	Standards	Control Act	580-27278-2	580-27278-1	580-27278-3	580-27278-12	580-27278-15	580-27278-4	580-27278-8	580-27278-13	580-27278-16	580-27278-11
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/8/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground										
Semi-Volatile Organic Compounds (µg/l)												
Phenol	NS	NS	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
Bis(2-chloroethyl)ether	0.07	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Chlorophenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,3-Dichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,4-Dichlorobenzene	4	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Benzyl alcohol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,2-Dichlorobenzene	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Methylphenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
3 & 4 Methylphenol	NS	NS	<3.8	<3.8	<3.8	<3.9	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
N-Nitroso-di-n-propylamine	0.01	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachloroethane	NS	NS	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
Nitrobenzene	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Isophorone	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Nitrophenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dimethylphenol	NS	NS	<9.6*	<9.5*	<9.5*	<9.8*	<9.5*	<9.5*	<9.5*	<9.5*	<9.5*	<9.5*
Benzoic acid	NS	NS	<9.6	<9.5	<9.5	<9.8	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
Bis(2-chloroethoxy)methane	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dichlorophenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,2,4-Trichlorobenzene	70	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Naphthalene	NS	160‡	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Chloroaniline	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachlorobutadiene	NS	NS	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
4-Chloro-3-methylphenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Methylnaphthalene	NS	160‡	<0.96	<0.95	<0.95	<0.98	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
1-Methylnaphthalene	NS	160‡	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Hexachlorocyclopentadiene	50	NS	<9.6*	<9.5*	<9.5*	<9.8*	<9.5*	<9.5*	<9.5*	<9.5*	<9.5*	<9.5*
2,4,6-Trichlorophenol	4	NS	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
2,4,5-Trichlorophenol	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Chloronaphthalene	NS	NS	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
2-Nitroaniline	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Dimethyl phthalate	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Acenaphthylene	0.01	NS	<0.38	<0.38	<0.38	<0.39	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
2,6-Dinitrotoluene	0.1	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
3-Nitroaniline	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Acenaphthene	0.01	NS	<0.48	<0.48	<0.48	<0.49	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
2,4-Dinitrophenol	NS	NS	<24	<24	<24	<25	<24	<24	<24	<24	<24	<24
4-Nitrophenol	NS	NS	<9.6	<9.5	<9.5	<9.8	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
Dibenzofuran	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2,4-Dinitrotoluene	0.1	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Diethyl phthalate	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Chlorophenyl phenyl ether	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Fluorene	0.01	NS	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105	DUP-2	MW-106
Laboratory ID No.			580-27278-2	580-27278-1	580-27278-3	580-27278-12	580-27278-15	580-27278-4	580-27278-8	580-27278-13	580-27278-16	580-27278-11
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground	7/7/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/8/2011
ANALYTICAL PARAMETERS												
4-Nitroaniline	NS	NS	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
4,6-Dinitro-2-methylphenol	NS	NS	<19	<19	<19	<20	<19	<19	<19	<19	<19	<19
N-Nitrosodiphenylamine	17	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Bromophenyl phenyl ether	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexachlorobenzene	0.05	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Pentachlorophenol	NS	NS	<3.4	<3.3	<3.3	<3.4	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Phenanthrene	0.01	NS	<0.38	<0.38	<0.38	<0.39	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Anthracene	0.01	NS	<0.19	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Carbazole	5	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Di-n-butyl phthalate	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Fluoranthene	0.01	NS	<0.24	<0.24	<0.24	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Pyrene	0.01	NS	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Butyl benzyl phthalate	NS	NS	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
3,3'-Dichlorobenzidine	0.2	NS	<9.6	<9.5	<9.5	<9.8	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
Benzo[a]anthracene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Chrysene	0.01	see benzo(a)pyrene	<0.19	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Bis(2-ethylhexyl) phthalate	6	NS	<14	<14	<14	<15	<14	<14	<14	<14	<14	<14
Bis [2-chloroisopropyl] ether	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Di-n-octyl phthalate	NS	NS	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Benzo[b]fluoranthene	0.01	see benzo(a)pyrene	<0.38	<0.38	<0.38	<0.39	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Benzo[k]fluoranthene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Benzo[a]pyrene	0.008	0.1	<0.19	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Indeno[1,2,3-cd]pyrene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Benzo[g,h,i]perylene	0.01	see benzo(a)pyrene	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Tentatively Identified Compounds (µg/l)												
2-Butanol, 2,3-dimethyl-	NS	NS		1.3 TJN								
1-Propene, 1,2,3-trichloro-,(Z)-	NS	NS	2.6 TJN	1.7 TJN								
Squalene	NS	NS		1.5 TJN								
Propanoic acid, 2-hydroxy-2-methyl-,eth	NS	NS	2.0 TJN									
Benzene, (1-methylethyl)-	NS	NS	4.7 TJN									
Benzene, 1,3-diethyl-	NS	NS	3.2 TJN									
Benzene, 1,3-dimethyl-	NS	NS								3.7 TJN		
Benzene, 1,3,5-trimethyl-	NS	NS									7.9 TJN	
Benzene, (1,1-dimethylethoxy)-	NS	NS			4.2 TJN							
Benzaldehyde, ethyl-	NS	NS	1.2 TJN									
Phenol, p-tert-butyl-	NS	NS	1.7 TJN									
Phenol, m-tert-butyl-	NS	NS								5.8 TJN	5.9 TJN	
1H-Inden-1-one, 2,3-dihydro-	NS	NS	2.0 TJN									
1H-Inden-5-ol, 2,3-dihydro-	NS	NS	1.0 TJN									

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105	DUP-2	MW-106
Laboratory ID No.	Standards	Control Act	580-27278-2	580-27278-1	580-27278-3	580-27278-12	580-27278-15	580-27278-4	580-27278-8	580-27278-13	580-27278-16	580-27278-11
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/8/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground										
Formic Acid, butyl ester	NS	NS			2.1 TJN							
2-Propanol, 1-butoxy-	NS	NS			46 TJN							
Propanoic acid, 2,2-dimethyl-	NS	NS			3.4 TJN							
Methyl 6,7-di-O-acetyl-2,3,4-tri-O-methy	NS	NS			3.0 TJN							
1-Propanol, 2-(2-hydroxypropoxy)-	NS	NS			3.5 TJN							
2-Propanol, 1-(1-methyl-2-(2-propenyloxy	NS	NS			7.8 TJN							
Acetaldehyde, di-sec-butyl acetal	NS	NS			6.9 TJN							
Cyclohexasiloxane, dodecamethyl-	NS	NS			1.7 TJN							
Benzoic acid, p-tert-butyl-	NS	NS			10 TJN							
Methane, diethoxy-	NS	NS			9.8 TJN							
Butane, 1-ethoxy-	NS	NS			2.3 TJN							
Amylene Hydrate	NS	NS			10 TJN							
Ethanol 2-[2-(2-methoxyethoxy)ethoxy]-	NS	NS			1.8 TJN							
Phenol, 4-4"-(1-methylethylidene)bis-	NS	NS			8.1 TJN							
Ethane, 1,1"-oxybis[2-ethoxy-]	NS	NS						1.1 TJN				
Docosa-2,6,10,14,18-pentaen-22-al,2,6,1	NS	NS						1.3 TJN				
Oxirane, (2,2,2-trichloroethyl)-	NS	NS										
1-Hexanol, 2-ethyl-	NS	NS				2.5 TJN						
1-Propene, 1,2,3-trichloro-	NS	NS						4.4 TJN				
2,6,10,14,18-Pentamethyl-2,4,6,10,14,18-ei	NS	NS										
1,3-Propanediol, 2,2-dimethyl	NS	NS										1.9 TJN
2-Propanol, 1-(2-methoxy-1-methylethoxy)	NS	NS										30 TJN
2-Propanol, 1-(2-methoxypropoxy)-	NS	NS										35 TJN
1-Propanol, 2-(2-hydroxypropoxy)-	NS	NS										3.3 TJN
Indane	NS	NS										3.7 TJN
2-Ethoxypentane	NS	NS										2.8 TJN
2-Ethoxypentane	NS	NS										4.8 TJN
7-Methoxy-1-tetralone	NS	NS					1.5 TJN					1.1 TJN
Phenol, 4-(1,1-dimethylpropyl)-	NS	NS										3.4 TJN
1-Propanol-2-(2-hydroxypropoxy)-	NS	NS					3.7 TJN					
5,6-Dimethyl-1H-benzotriazole	NS	NS										1.4 TJN
1-Butanamine, 3-methyl-N-(2-phenylethyli	NS	NS										1.1 TJN
Phenol, 4-(1,1, 3,3-tetramethylbutyl)-	NS	NS										1.1 TJN
Tricyclo(4.3.1.13,8)undecane, 3-chloro-	NS	NS										1.1 TJN
1-Propene, 3,3,3-trichloro-	NS	NS				1.6 TJN						
1H-Benzotriazole, 5-methyl-	NS	NS				1.2 TJN				16 TJN	19 TJN	
1H-Benzotriazole, 5-methyl-	NS	NS								5.6 TJN	7.5 TJN	
Toluene	1,000	1,000								20 TJN	19 TJN	
1,3-Proanediol, 2,2-dimethyl-	NS	NS								7.9 TJN	11 TJN	
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NS	NS								32 TJN		
Oxirane, 2,2"-[oxybis(methylene)]bis-	NS	NS								4.6 TJN		
Malonyl dichloride	NS	NS								4.2 TJN		
Phenol, (1,1,3,3,-tetramethylbutyl)-	NS	NS								4.5 TJN	4.6 TJN	
1-Phenanthrenecarboxylic acid, 1,2,3,4,4	NS	NS								9.6 TJN		

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105	DUP-2	MW-106
Laboratory ID No.	Standards	Control Act	580-27278-2	580-27278-1	580-27278-3	580-27278-12	580-27278-15	580-27278-4	580-27278-8	580-27278-13	580-27278-16	580-27278-11
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/8/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground										
1-Butene, 1,4-dichloro-	NS	NS					4.9 TJN					
Butane, 1,3-dichloro-	NS	NS					6.0 TJN					
Methyl ethyl disulphide	NS	NS					1.1 TJN					
p-Xylene	10,000***	1,000***					1.3 TJN					
Diethyl disulfide	NS	NS					2.6 TJN					
Silane, trimethyl-	NS	NS					1.2 TJN					
Propanoic acid, dimethyl ester	NS	NS					1.9 TJN					
1-Propene, 1,1,3-trichloro-2-methyl	NS	NS									32 TJN	
Butyl glycolate	NS	NS									6.9 TJN	
1,3-Dithiane	NS	NS									8.9 TJN	
Ethane, isothiocyanato-	NS	NS									7.9 TJN	
Cyclopentane, 1-acety-2-(methoxycarbony	NS	NS									3.9 TJN	
Podocarpa-8,11,13-trien-15-oic acid, 13-	NS	NS									10 TJN	
Unknown	NS	NS								5.6 TJ		
Unknown	NS	NS	72 TJ							23 TJ	23 TJ	1.2 TJ
Unknown	NS	NS	57 TJ							8.7 TJ	5.4 TJ	
Unknown	NS	NS								7.0 TJ		

Legend:
mg/l = milligrams per liter.
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.
B = Analyte detected in associated method blank.
H = Sample was prepped or analyzed beyond the specified holding time.
N = Presumptive evidence of material.
T = Result is tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
MDL = Method detection limit.
* = LCS or LCSD exceeds the control limits.
* = RPD of the LCS and LCSD exceeds the control limits.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.
DUP-1 = Collected from MW-201.
DUP-2 = Collected from MW-105.

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-107	MW-201	DUP-1	FB	TB	FB-2	TB
Laboratory ID No.			580-27278-6	580-27278-7	580-27278-9	580-27278-5	580-27278-10	580-27278-14	580-27278-17
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	7/7/2011	7/7/2011	7/7/2011	7/7/2011	7/1/2011	7/8/2011	7/1/2011
ANALYTICAL PARAMETERS									
Volatile Compounds (µg/l)									
Dichlorodifluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	0.02	0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	5	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
trans-1,2-Dichloroethene	100	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	1	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	7	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1.0	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane (EDC)	0.5	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	3	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	0.6	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10
Dibromomethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	0.3	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	0.2**	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	1,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	0.2	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	0.8	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	0.5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylene Dibromide (EDB)	0.001	0.01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	NS	NS	<10	<10	<10	<10	<10	<10	<10
m-Xylene & p-Xylene	10,000***	1,000***	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	10,000***	1,000***	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	5	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	MW-107	MW-201	DUP-1	FB	TB	FB-2	TB
Laboratory ID No.	Standards	Control Act	580-27278-6	580-27278-7	580-27278-9	580-27278-5	580-27278-10	580-27278-14	580-27278-17
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/7/2011	7/1/2011	7/8/2011	7/1/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground							
Bromobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Propylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Isopropyltoluene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	4	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-pentanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	NS	160‡	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether (MTBE)	NS	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	NS	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tentatively Identified Compounds (µg/l)									
cis-1,4-Dichloro-2-butene	NS	NS							
trans-1,4-Dichloro-2-butene	NS	NS							
Benzene, 1-ethyl-2-methyl-	NS	NS							
Benzene, 1,3,5-trimethyl-	NS	NS							
Diethyl sulfide	NS	NS							
Ethane, (methylthio)-	NS	NS							
Ethane, 1,2-dichloro-1,1,2-trifluoro-	NS	NS							
1,1,2-Trichloro-1,1,2-trifluoroethane	NS	NS							
Hexane	NS	NS							
Indane	NS	NS							
Isobutyl alcohol	NS	NS							
2-Methyl-2-propanol	NS	NS							
1-Propene, 3-chloro-	NS	NS							
1-Propene, 3-chloro-2-(chloromethyl)	NS	NS							
Tetrahydrofuran	NS	NS							
Butane, 1,3-dichloro-	NS	NS							
Unknown	NS	NS							
Unknown	NS	NS	5.4 TJ	5.5 TJ	5.5 TJ	5.3 TJ	5.5 TJ	5.2 TJ	5.5 TJ
Unknown	NS	NS							
Unknown	NS	NS							

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	MW-107	MW-201	DUP-1	FB	TB	FB-2	TB
Laboratory ID No.	Standards	Control Act	580-27278-6	580-27278-7	580-27278-9	580-27278-5	580-27278-10	580-27278-14	580-27278-17
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/7/2011	7/1/2011	7/8/2011	7/1/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground							
Semi-Volatile Organic Compounds (µg/l)									
Phenol	NS	NS	<2.8	<2.9	<2.8	<2.9	NA	<2.9	NA
Bis(2-chloroethyl)ether	0.07	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
2-Chlorophenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
1,3-Dichlorobenzene	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
1,4-Dichlorobenzene	4	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Benzyl alcohol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
1,2-Dichlorobenzene	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
2-Methylphenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
3 & 4 Methylphenol	NS	NS	<3.8	<3.9	<3.8	<3.8	NA	<3.8	NA
N-Nitroso-di-n-propylamine	0.01	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Hexachloroethane	NS	NS	<2.8	<2.9	<2.8	<2.9	NA	<2.9	NA
Nitrobenzene	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Isophorone	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
2-Nitrophenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
2,4-Dimethylphenol	NS	NS	<9.4*	<9.8*	<9.4*	<9.5*	NA	<9.5*	NA
Benzoic acid	NS	NS	<9.4	<9.8	<9.4	<9.5	NA	<9.5	NA
Bis(2-chloroethoxy)methane	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
2,4-Dichlorophenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
1,2,4-Trichlorobenzene	70	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Naphthalene	NS	160‡	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
4-Chloroaniline	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Hexachlorobutadiene	NS	NS	<2.8	<2.9	<2.8	<2.9	NA	<2.9	NA
4-Chloro-3-methylphenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
2-Methylnaphthalene	NS	160‡	<0.94	<0.98	<0.94	<0.95	NA	<0.95	NA
1-Methylnaphthalene	NS	160‡	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA
Hexachlorocyclopentadiene	50	NS	<9.4*	<9.8*	<9.4*	<9.5*	NA	<9.5*	NA
2,4,6-Trichlorophenol	4	NS	<2.8	<2.9	<2.8	<2.9	NA	<2.9	NA
2,4,5-Trichlorophenol	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
2-Chloronaphthalene	NS	NS	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA
2-Nitroaniline	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Dimethyl phthalate	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Acenaphthylene	0.01	NS	<0.38	<0.39	<0.38	<0.38	NA	<0.38	NA
2,6-Dinitrotoluene	0.1	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
3-Nitroaniline	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Acenaphthene	0.01	NS	<0.47	<0.49	<0.47	<0.48	NA	<0.48	NA
2,4-Dinitrophenol	NS	NS	<24	<25	<24	<24	NA	<24	NA
4-Nitrophenol	NS	NS	<9.4	<9.8	<9.4	<9.5	NA	<9.5	NA
Dibenzofuran	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
2,4-Dinitrotoluene	0.1	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Diethyl phthalate	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
4-Chlorophenyl phenyl ether	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Fluorene	0.01	NS	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	MW-107	MW-201	DUP-1	FB	TB	FB-2	TB
Laboratory ID No.	Standards	Control Act	580-27278-6	580-27278-7	580-27278-9	580-27278-5	580-27278-10	580-27278-14	580-27278-17
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/7/2011	7/1/2011	7/8/2011	7/1/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground							
4-Nitroaniline	NS	NS	<2.8	<2.9	<2.8	<2.9	NA	<2.9	NA
4,6-Dinitro-2-methylphenol	NS	NS	<19	<20	<19	<19	NA	<19	NA
N-Nitrosodiphenylamine	17	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
4-Bromophenyl phenyl ether	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Hexachlorobenzene	0.05	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Pentachlorophenol	NS	NS	<3.3	<3.4	<3.3	<3.3	NA	<3.3	NA
Phenanthrene	0.01	NS	<0.38	<0.39	<0.38	<0.38	NA	<0.38	NA
Anthracene	0.01	NS	<0.19	<0.20	<0.19	<0.19	NA	<0.19	NA
Carbazole	5	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Di-n-butyl phthalate	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Fluoranthene	0.01	NS	<0.24	<0.25	<0.24	<0.24	NA	<0.24	NA
Pyrene	0.01	NS	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA
Butyl benzyl phthalate	NS	NS	<2.8	<2.9	<2.8	<2.9	NA	<2.9	NA
3,3'-Dichlorobenzidine	0.2	NS	<9.4	<9.8	<9.4	<9.5	NA	<9.5	NA
Benzo[a]anthracene	0.01	see benzo(a)pyrene	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA
Chrysene	0.01	see benzo(a)pyrene	<0.19	<0.20	<0.19	<0.19	NA	<0.19	NA
Bis(2-ethylhexyl) phthalate	6	NS	<14	<15	<14	<14	NA	<14	NA
Bis [2-chloroisopropyl] ether	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Di-n-octyl phthalate	NS	NS	<1.9	<2.0	<1.9	<1.9	NA	<1.9	NA
Benzo[b]fluoranthene	0.01	see benzo(a)pyrene	<0.38	<0.39	<0.38	<0.38	NA	<0.38	NA
Benzo[k]fluoranthene	0.01	see benzo(a)pyrene	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA
Benzo[a]pyrene	0.008	0.1	<0.19	<0.20	<0.19	<0.19	NA	<0.19	NA
Indeno[1,2,3-cd]pyrene	0.01	see benzo(a)pyrene	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA
Benzo[g,h,i]perylene	0.01	see benzo(a)pyrene	<0.28	<0.29	<0.28	<0.29	NA	<0.29	NA
Tentatively Identified Compounds (µg/l)									
2-Butanol, 2,3-dimethyl-	NS	NS							
1-Propene, 1,2,3-trichloro-,(Z)-	NS	NS		1.3 TJN					
Squalene	NS	NS							
Propanoic acid, 2-hydroxy-2-methyl-,eth	NS	NS							
Benzene, (1-methylethyl)-	NS	NS							
Benzene, 1,3-diethyl-	NS	NS							
Benzene, 1,3-dimethyl-	NS	NS							
Benzene, 1,3,5-trimethyl-	NS	NS							
Benzene, (1,1-dimethylethoxy)-	NS	NS							
Benzaldehyde, ethyl-	NS	NS							
Phenol, p-tert-butyl-	NS	NS							
Phenol, m-tert-butyl-	NS	NS							
1H-Inden-1-one, 2,3-dihydro-	NS	NS							
1H-Inden-5-ol, 2,3-dihydro-	NS	NS							

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	MW-107	MW-201	DUP-1	FB	TB	FB-2	TB
Laboratory ID No.	Standards	Control Act	580-27278-6	580-27278-7	580-27278-9	580-27278-5	580-27278-10	580-27278-14	580-27278-17
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/7/2011	7/1/2011	7/8/2011	7/1/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground							
Formic Acid, butyl ester	NS	NS							
2-Propanol, 1-butoxy-	NS	NS							
Propanoic acid, 2,2-dimethyl-	NS	NS							
Methyl 6,7-di-O-acetyl-2,3,4-tri-O-methy	NS	NS							
1-Propanol, 2-(2-hydroxypropoxy)-	NS	NS							
2-Propanol, 1-(1-methyl-2-(2-propenyloxy	NS	NS							
Acetaldehyde, di-sec-butyl acetal	NS	NS							
Cyclohexasiloxane, dodecamethyl-	NS	NS							
Benzoic acid, p-tert-butyl-	NS	NS							
Methane, diethoxy-	NS	NS							
Butane, 1-ethoxy-	NS	NS							
Amylene Hydrate	NS	NS							
Ethanol 2-[2-(2-methoxyethoxy)ethoxy]-	NS	NS							
Phenol, 4-4"-(1-methylethylidene)bis-	NS	NS							
Ethane, 1,1"-oxybis[2-ethoxy-]	NS	NS							
Docosa-2,6,10,14,18-pentaen-22-al,2,6,1	NS	NS							
Oxirane, (2,2,2-trichloroethyl)-	NS	NS				1.5 TJN			
1-Hexanol, 2-ethyl-	NS	NS				1.1 TJN			
1-Propene, 1,2,3-trichloro-	NS	NS	2.4 TJN						
2,6,10,14,18-Pentamethyl-2,4,6,10,14,18-ei	NS	NS	3.2 TJN						
1,3-Propanediol, 2,2-dimethyl	NS	NS							
2-Propanol, 1-(2-methoxy-1-methylethoxy)	NS	NS							
2-Propanol, 1-(2-methoxypropoxy)-	NS	NS							
1-Propanol, 2-(2-hydroxypropoxy)-	NS	NS							
Indane	NS	NS							
2-Ethoxypentane	NS	NS							
2-Ethoxypentane	NS	NS							
7-Methoxy-1-tetralone	NS	NS							
Phenol, 4-(1,1-dimethylpropyl)-	NS	NS							
1-Propanol-2-(2-hydroxypropoxy)-	NS	NS							
5,6-Dimethyl-1H-benzotriazole	NS	NS							
1-Butanamine, 3-methyl-N-(2-phenylethyli	NS	NS							
Phenol, 4-(1,1, 3,3-tetramethylbutyl)-	NS	NS							
Tricyclo(4.3.1.13,8)undecane, 3-chloro-	NS	NS							
1-Propene, 3,3,3-trichloro-	NS	NS							
1H-Benzotriazole, 5-methyl-	NS	NS							
1H-Benzotriazole, 5-methyl-	NS	NS							
Toluene	1,000	1,000							
1,3-Proanediol, 2,2-dimethyl-	NS	NS							
3-Buten-2-one, 3,4(or 4,4)-dichloro-	NS	NS							
Oxirane, 2,2"-[oxybis(methylene)]bis-	NS	NS							
Malonyl dichloride	NS	NS							
Phenol, (1,1,3,3,-tetramethylbutyl)-	NS	NS							
1-Phenanthrenecarboxylic acid, 1,2,3,4,4	NS	NS							

Table 14
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	MW-107	MW-201	DUP-1	FB	TB	FB-2	TB
Laboratory ID No.	Standards	Control Act	580-27278-6	580-27278-7	580-27278-9	580-27278-5	580-27278-10	580-27278-14	580-27278-17
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/7/2011	7/1/2011	7/8/2011	7/1/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground							
1-Butene, 1,4-dichloro-	NS	NS							
Butane, 1,3-dichloro-	NS	NS							
Methyl ethyl disulphide	NS	NS							
p-Xylene	10,000***	1,000***							
Diethyl disulfide	NS	NS							
Silane, trimethyl-	NS	NS							
Propanoic acid, dimethyl ester	NS	NS							
1-Propene, 1,1,3-trichloro-2-methyl	NS	NS							
Butyl glycolate	NS	NS							
1,3-Dithiane	NS	NS							
Ethane, isothiocyanato-	NS	NS							
Cyclopentane, 1-acety-2-(methoxycarbony	NS	NS							
Podocarpa-8,11,13-trien-15-oic acid, 13-	NS	NS							
Unknown	NS	NS							
Unknown	NS	NS							
Unknown	NS	NS							
Unknown	NS	NS							

Legend:
mg/l = milligrams per liter.
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.
B = Analyte detected in associated method blank.
H = Sample was prepped or analyzed beyond the specified holding time.
N = Presumptive evidence of material.
T = Result is tentatively identified compound (TIC) and an estimated value.
J = Indicates an estimated value for TICs.
MDL = Method detection limit.
* = LCS or LCSD exceeds the control limits.
* = RPD of the LCS and LCSD exceeds the control limits.
** = Standard is for total 1,3-Dichloropropene.
*** = Standard is for total Xylenes.
DUP-1 = Collected from MW-201.
DUP-2 = Collected from MW-105.

Table 15
Groundwater Analytical Results - Metals
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105	DUP-2
Laboratory ID No.	Standards	Control Act	580-27278-2	580-27278-1	580-27278-3	580-27278-12	580-27278-15	580-27278-4	580-27278-8	580-27278-13	580-27278-16
Date Sampled	Ground Water	Method A Cleanup	7/7/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground									
Total Metals (mg/l)											
Beryllium	0.004	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.05	0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Copper	1	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nickel	0.1	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver	0.05	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	5	NS	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Antimony	0.006	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Arsenic	0.00005	0.005	**0.085**	**0.22**	**0.087**	**0.079**	**0.16**	**0.13**	**0.091**	**0.020**	**0.021**
Cadmium	0.005	0.005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lead	0.05	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Selenium	0.01	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Thallium	0.002	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Dissolved Metals (mg/l)											
Beryllium	0.004	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.05	0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Copper	1	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nickel	0.1	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver	0.05	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	5	NS	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Antimony	0.06	NS	**0.0042**	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Arsenic	0.00005	0.005	**0.064**	**0.23**	**0.091**	**0.080**	**0.16**	**0.13**	**0.091**	**0.020**	**0.019**
Cadmium	0.005	0.005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lead	0.05	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Selenium	0.01	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Thallium	0.002	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020

Legend:
mg/l = milligrams per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
DUP-1 = Collected from MW-201.
DUP-2 = Collected from MW-105.

Table 15
Groundwater Analytical Results - Metals
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	Water Quality	Model Toxics	MW-106	MW-107	MW-201	DUP-1	FB	TB	FB-2	TB
Laboratory ID No.	Standards	Control Act	580-27278-11	580-27278-6	580-27278-7	580-27278-9	580-27278-5	580-27278-10	580-27278-14	580-27278-17
Date Sampled	Ground Water	Method A Cleanup	7/8/2011	7/7/2011	7/7/2011	7/7/2011	7/7/2011	7/1/2011	7/8/2011	7/1/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground								
Total Metals (mg/l)										
Beryllium	0.004	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA
Chromium	0.05	0.050	<0.025	<0.025	<0.025	<0.025	<0.025	NA	<0.025	NA
Copper	1	NS	<0.020	<0.020	<0.020	<0.020	<0.020	NA	<0.020	NA
Nickel	0.1	NS	<0.020	<0.020	<0.020	<0.020	<0.020	NA	<0.020	NA
Silver	0.05	NS	<0.020	<0.020	<0.020	<0.020	<0.020	NA	<0.020	NA
Zinc	5	NS	<0.040	<0.040	<0.040	<0.040	<0.040	NA	<0.040	NA
Antimony	0.006	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NA	<0.0020	NA
Arsenic	0.00005	0.005	**0.043**	**0.0073**	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA
Cadmium	0.005	0.005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NA	<0.0020	NA
Lead	0.05	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NA	<0.0020	NA
Selenium	0.01	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA
Thallium	0.002	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	NA	<0.00020	NA
Dissolved Metals (mg/l)										
Beryllium	0.004	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA
Chromium	0.05	0.050	<0.025	<0.025	<0.025	<0.025	<0.025	NA	<0.025	NA
Copper	1	NS	<0.020	<0.020	<0.020	<0.020	<0.020	NA	<0.020	NA
Nickel	0.1	NS	<0.020	<0.020	<0.020	<0.020	<0.020	NA	<0.020	NA
Silver	0.05	NS	<0.020	<0.020	<0.020	<0.020	<0.020	NA	<0.020	NA
Zinc	5	NS	<0.040	<0.040	<0.040	<0.040	<0.040	NA	<0.040	NA
Antimony	0.06	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NA	<0.0020	NA
Arsenic	0.00005	0.005	**0.042**	**0.0067**	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA
Cadmium	0.005	0.005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NA	<0.0020	NA
Lead	0.05	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NA	<0.0020	NA
Selenium	0.01	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA
Thallium	0.002	NS	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA
Mercury	0.002	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	NA	<0.00020	NA

Legend:
mg/l = milligrams per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
DUP-1 = Collected from MW-201.
DUP-2 = Collected from MW-105.

Table 16
Groundwater Analytical Results - Geochemical Parameters
REXAM Beverage Can Company
Kent, Washington
July 2011

Sample ID	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105	DUP-2	MW-106	MW-107	MW-201	DUP-1
Laboratory ID No.	580-27278-2	580-27278-1	580-27278-3	580-27278-12	580-27278-15	580-27278-4	580-27278-8	580-27278-13	580-27278-16	580-27278-11	580-27278-6	580-27278-7	580-27278-9
Date Sampled	7/7/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/8/2011	7/8/2011	7/8/2011	7/7/2011	7/7/2011	7/7/2011
ANALYTICAL PARAMETERS													
Natural Attenuation (mg/l)													
Ethane	<0.026	<0.026	<0.026	<0.026	0.0587	<0.026	<0.026	<0.026	0.0370	<0.026	<0.026	<0.026	<0.026
Ethene	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	0.174	0.229	<0.026	<0.026	<0.026	<0.026
Methane	6.52	15.3	9.27	15.2	13.8	6.27	5.75	7.76	7.20	10.3	1.71	11.9	11.3
Nitrite (as Nitrogen)	3.1	3.2	1.8	3.1	<0.60	<0.60	2.8	<0.60	<0.60	2.6	1.5	2.1	2.1
Sulfate	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	68	67	<1.2	1.6	<1.2	<1.2
Nitrate (as Nitrogen)	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
Total Organic Carbon	27	33	23	18	65	70	20	50	53	21	8.2	3.2	3.2
Alkalinity	200	260	130	230	580	710	200	440	440	280	93	170	170
Bicarbonate Alkalinity ($CaCO_3$)	200	260	130	230	580	710	200	440	440	280	93	170	170
Carbonate Alkalinity ($CaCO_3$)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hydroxide Alkalinity ($CaCO_3$)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Biochemical Oxygen Demand	<4.0	11	9.3	14	>22.1	6.9	8.0	10	11	18	<4.0	9.9	8.8
Chemical Oxygen Demand	59	96	51	48	170	170	53	150	140	64	24	<5.0	8.0
Sulfide	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Total Iron	27	76	34	40	130	100	46	25	26	53	24	2.0	2.0
Ferrous Iron	2.73	0.00	1.80	1.16	1.50	2.62	1.26	0.80	NA	0.71	0.84	0.42	NA

Legend:
mg/l = milligrams per liter.
NA = Not Analyzed.
DUP-1 = Duplicate sample collected from monitoring well MW-201.
DUP-2 = Duplicate sample collected from monitoring well MW-105.
<5.0 = Not detected above the Method Detection Limit.

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.	Standards	Control Act	111212-02 p	111212-02 u	111212-01 p	111212-01 u	111212-03 p	111212-06 p	111212-03 u	111212-06 u
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
Volatile Compounds (µg/l)										
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.02	0.2	<0.2 pr	<0.2	<0.2 pr	<0.2	<0.2 pr	<0.2 pr	<0.2	<0.2
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	5	5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	NS	20	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	NS	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	3	5	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	0.2*	NS	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	1,000	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	700	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	10,000**	1,000**	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	10,000**	1,000**	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	5.1	2.9	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.	Standards	Control Act	111212-02 p	111212-02 u	111212-01 p	111212-01 u	111212-03 p	111212-06 p	111212-03 u	111212-06 u
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	600	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160‡	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)					ND	ND	ND	ND	ND	ND
Ethane, 1,1-thiobis-	NS	NS								
Benzene, 1-ethyl-3-methyl-	NS	NS	91	70						
1H-Indene, 2,3-dihydro-	NS	NS	80	59						
Unknown	NS	NS								
Unknown	NS	NS								
Semi-Volatile Organic Compounds (µg/l) 8270 D SIM										
Naphthalene	NS	160‡	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Acenaphthylene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Acenaphthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Fluorene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Phenanthrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Anthracene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Fluoranthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Pyrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Chrysene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(a)pyrene	0.008	0.1	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Semi-Volatile Organic Compounds (µg/l) 8270 D										
Phenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Bis(2-chloroethyl)ether	0.07	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Chlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
1,3-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
1,4-Dichlorobenzene	4	NS	<1	NR	<1	NR	<1	<1	NR	NR

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.	Standards	Control Act	111212-02 p	111212-02 u	111212-01 p	111212-01 u	111212-03 p	111212-06 p	111212-03 u	111212-06 u
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,2-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Benzyl alcohol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Bis [2-chloroisopropyl] ether	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Methylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Hexachloroethane	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
N-Nitroso-di-n-propylamine	0.01	NS	<10	NR	<10	NR	<10	<10	NR	NR
3 & 4 Methylphenol	NS	NS	<20	NR	<20	NR	<20	<20	NR	NR
Nitrobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Isophorone	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2,4-Dimethylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Benzoic acid	NS	NS	<50	NR	<50	NR	<50	<50	NR	NR
Bis(2-chloroethoxy)methane	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,4-Dichlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
1,2,4-Trichlorobenzene	70	NS	<1	NR	<1	NR	<1	<1	NR	NR
Naphthalene	NS	160‡	NR	NR	NR	NR	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Chloroaniline	NS	NS	<3	NR	<3	NR	<3	<3	NR	NR
4-Chloro-3-methylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Methylnaphthalene	NS	160‡	<1	NR	<1	NR	<1	<1	NR	NR
Hexachlorocyclopentadiene	50	NS	<3	NR	<3	NR	<3	<3	NR	NR
2,4,6-Trichlorophenol	4	NS	<10	NR	<10	NR	<10	<10	NR	NR
2,4,5-Trichlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Chloronaphthalene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2-Nitroaniline	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Dimethyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Acenaphthylene	0.01	NS	NR	NR	NR	NR	NR	NR	NR	NR
2,6-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	<1	NR	NR
3-Nitroaniline	NS	NS	<3	NR	<3	NR	<3	<3	NR	NR
Acenaphthene	0.01	NS	NR	NR	NR	NR	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	<30	NR	<30	NR	<30	<30	NR	NR
Dibenzofuran	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,4-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Diethyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Fluorene	0.01	NS	NR	NR	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
N-Nitroso-diphenylamine	17	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Nitroaniline	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
4,6-Dinitro-2-methylphenol	NS	NS	<30	NR	<30	NR	<30	<30	NR	NR
4-Bromophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Hexachlorobenzene	0.05	NS	<1	NR	<1	NR	<1	<1	NR	NR
Pentachlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Phenanthrene	0.01	NS	NR	NR	NR	NR	NR	NR	NR	NR
Anthracene	0.01	NS	NR	NR	NR	NR	NR	NR	NR	NR
Carbazole	5	NS	<1	NR	<1	NR	<1	<1	NR	NR

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.			111212-02 p	111212-02 u	111212-01 p	111212-01 u	111212-03 p	111212-06 p	111212-03 u	111212-06 u
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
Di-n-butyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Pyrene	0.01	NS	NR	NR	NR	NR	NR	NR	NR	NR
Butyl benzyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	NR	NR	NR	NR	NR	NR	NR	NR
Chrysene	0.01	see benzo(a)pyrene	NR	NR	NR	NR	NR	NR	NR	NR
Bis(2-ethylhexyl) phthalate	6	NS	<10	NR	<10	NR	<10	<10	NR	NR
Di-n-octyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Benzo(a)pyrene	0.008	0.1	NR	NR	NR	NR	NR	NR	NR	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	NR	NR	NR	NR	NR	NR	NR	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	NR	NR	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	NR	NR	NR	NR	NR	NR	NR	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	NR	NR	NR	NR	NR	NR	NR	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	NR	NR	NR	NR	NR	NR	NR	NR
Tentatively Identified Compounds (µg/l)										
Benzene, 1-ethyl-3-methyl-	NS	NS	54							
1H-Inden-1-one, 2,3-dihydro-	NS	NS	4.7							
2-Propanol, 1-butoxy-	NS	NS					61			
z2-Propanol, 1-butoxy-	NS	NS						59		
3-Hexene, 2,2,5,5-tetramethyl-, (Z)-	NS	NS			5.5 fb					
Sulfur, mol. (S8)	NS	NS								
Ethane, 1,1-thiobis-	NS	NS								
1,4-Dioxane	NS	NS								
Unknown	NS	NS	46		16 fb		220	220		
Unknown	NS	NS	16 fb		13 fb		65	59		
Unknown	NS	NS	13 fb		6.1 fb		26	24		
Unknown	NS	NS	7.2 fb		5.7 fb		16	17 fb		
Unknown	NS	NS	6.8 fb		4.5 fb		14 fb	16		
Unknown	NS	NS	6.0 fb		4.2 fb		13	12		
Unknown	NS	NS	5.4 fb				12	12		
Unknown	NS	NS	5.2 fb				11	11		
Unknown	NS	NS	4.7 fb				10	9.8		
Unknown	NS	NS	4.5 fb				8.9	9.6		
Unknown	NS	NS	4.2				7.9 fb	7.7 fb		
Unknown	NS	NS	4.2				6.6 fb	7.6 fb		
Unknown	NS	NS					6.2 fb	7.2		
Unknown	NS	NS					4.3	5.9 fb		

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NR = Not requested.
NS = No standard.
‡ = Total for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene
pr = Sample received with incorrect preservation. Value considered an estimate.
lc = Presence of the compound likely due to laboratory contamination.

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.	Standards	Control Act	111212-02 p	111212-02 u	111212-01 p	111212-01 u	111212-03 p	111212-06 p	111212-03 u	111212-06 u
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/16/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground								
		Water								

ve = Estimated concentration calculated for analyte response above valid calibration range. Dilution required to obtain accurate quantification.
(u) = Unpreserved VOC Sample.
fb = Analyte present in the blank and sample.
ca = Calibration results outside of acceptance criteria. Reported value is estimate.
* = Standard is for total 1,3-Dichloropropene.
** = Standard is for total Xylenes.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.	Standards	Control Act	111249-07 p	111249-07 u	111249-06 p	111249-06 u	111212-05 p	111212-05 u	111249-02 p	111249-02 u
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
Volatile Compounds (µg/l)										
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.02	0.2	**1.0 pr**	**1.5**	<0.2 pr /<2 pr	<0.2/<2	<0.2 pr	<0.2	<0.2 pr	<0.2
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	**300 ve/350 D**	**300 ve/310 D**	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	<10 ca	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	5	5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	NS	20	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	NS	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	<1	<1	**5.1**	**5.5**	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	<0.35	<0.35	**0.38**	**0.40**	<0.35	<0.35	<0.35	<0.35
Trichloroethene	3	5	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	0.2*	NS	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	1,000	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	700	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	10,000**	1,000**	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	10,000**	1,000**	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.			111249-07 p	111249-07 u	111249-06 p	111249-06 u	111212-05 p	111212-05 u	111249-02 p	111249-02 u
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS										
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	600	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160‡	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)			ND	ND			ND	ND	ND	ND
Ethane, 1,1-thiobis-	NS	NS			15	16				
Benzene, 1-ethyl-3-methyl-	NS	NS								
1H-Indene, 2,3-dihydro-	NS	NS								
Unknown	NS	NS			7.7	7.8				
Unknown	NS	NS			7.2	7.6				
Semi-Volatile Organic Compounds (µg/l) 8270 D SIM										
Naphthalene	NS	160‡	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Acenaphthylene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Acenaphthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Fluorene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Phenanthrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Anthracene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Fluoranthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Pyrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Chrysene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(a)pyrene	0.008	0.1	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Semi-Volatile Organic Compounds (µg/l) 8270 D										
Phenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Bis(2-chloroethyl)ether	0.07	NS	<10	NR	<10	NR	<10	NR	<10	NR
2-Chlorophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
1,3-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
1,4-Dichlorobenzene	4	NS	<1	NR	<1	NR	<1	NR	<1	NR

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.	Standards	Control Act	111249-07 p	111249-07 u	111249-06 p	111249-06 u	111212-05 p	111212-05 u	111249-02 p	111249-02 u
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,2-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Benzyl alcohol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Bis (2-chloroisopropyl) ether	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
2-Methylphenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Hexachloroethane	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
N-Nitroso-di-n-propylamine	0.01	NS	<10	NR	<10	NR	<10	NR	<10	NR
3 & 4 Methylphenol	NS	NS	<20	NR	<20	NR	<20	NR	<20	NR
Nitrobenzene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Isophorone	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
2,4-Dimethylphenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Benzoic acid	NS	NS	<50	NR	<50	NR	<50	NR	<50	NR
Bis(2-chloroethoxy)methane	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2,4-Dichlorophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
1,2,4-Trichlorobenzene	70	NS	<1	NR	<1	NR	<1	NR	<1	NR
Naphthalene	NS	160‡	<1	NR	<1	NR	NR	NR	<1	NR
Hexachlorobutadiene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
4-Chloroaniline	NS	NS	<3	NR	<3	NR	<3	NR	<3	NR
4-Chloro-3-methylphenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
2-Methylnaphthalene	NS	160‡	<1	NR	<1	NR	<1	NR	<1	NR
Hexachlorocyclopentadiene	50	NS	<3	NR	<3	NR	<3	NR	<3	NR
2,4,6-Trichlorophenol	4	NS	<10	NR	<10	NR	<10	NR	<10	NR
2,4,5-Trichlorophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
2-Chloronaphthalene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2-Nitroaniline	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Dimethyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Acenaphthylene	0.01	NS	<1	NR	<1	NR	NR	NR	<1	NR
2,6-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	NR	<1	NR
3-Nitroaniline	NS	NS	<3	NR	<3	NR	<3	NR	<3	NR
Acenaphthene	0.01	NS	<1	NR	<1	NR	NR	NR	<1	NR
2,4-Dinitrophenol	NS	NS	<30	NR	<30	NR	<30	NR	<30	NR
Dibenzofuran	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2,4-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	NR	<1	NR
4-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Diethyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1.0	NR
Fluorene	0.01	NS	<1	NR	<1	NR	NR	NR	<1	NR
4-Chlorophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
N-Nitroso-diphenylamine	17	NS	<1	NR	<1	NR	<1	NR	<1	NR
4-Nitroaniline	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
4,6-Dinitro-2-methylphenol	NS	NS	<30	NR	<30	NR	<30	NR	<30	NR
4-Bromophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Hexachlorobenzene	0.05	NS	<1	NR	<1	NR	<1	NR	<1	NR
Pentachlorophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Phenanthrene	0.01	NS	<1	NR	<1	NR	NR	NR	<1	NR
Anthracene	0.01	NS	<1	NR	<1	NR	NR	NR	<1	NR
Carbazole	5	NS	<1	NR	<1	NR	<1	NR	<1	NR

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.	Standards	Control Act	111249-07 p	111249-07 u	111249-06 p	111249-06 u	111212-05 p	111212-05 u	111249-02 p	111249-02 u
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
Di-n-butyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Pyrene	0.01	NS	<1	NR	<1	NR	NR	NR	<1	NR
Butyl benzyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	NR	NR	<1	NR
Chrysene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	NR	NR	<1	NR
Bis(2-ethylhexyl) phthalate	6	NS	<10	NR	<10	NR	<10	NR	<10	NR
Di-n-octyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Benzo(a)pyrene	0.008	0.1	<1	NR	<1	NR	NR	NR	<1	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	NR	NR	<1	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	NR	NR	<1	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	NR	NR	<1	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	NR	NR	<1	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	NR	NR	<1	NR
Tentatively Identified Compounds (µg/l)										
Benzene, 1-ethyl-3-methyl-	NS	NS								
1H-Inden-1-one, 2,3-dihydro-	NS	NS								
2-Propanol, 1-butoxy-	NS	NS								
z2-Propanol, 1-butoxy-	NS	NS								
3-Hexene, 2,2,5,5-tetramethyl-, (Z)-	NS	NS	4.3 fb							
Sulfur, mol. (S8)	NS	NS								
Ethane, 1,1-thiobis-	NS	NS			13					
1,4-Dioxane	NS	NS	30							
Unknown	NS	NS	220 fb		140 fb		13		100 fb	
Unknown	NS	NS	17 fb		69		9.0 fb		59 fb	
Unknown	NS	NS	7.6 fb		40 fb		7.6 fb		40 fb	
Unknown	NS	NS	6.3 fb		16 fb		5.9 fb		18 fb	
Unknown	NS	NS	6.0 fb		9.7		5.7 fb		8.7 fb	
Unknown	NS	NS	5.3 fb		8.4		5.4 fb		6.6 fb	
Unknown	NS	NS	4.5 fb		7.0 fb		4.0 fb		6.2 fb	
Unknown	NS	NS			5.7 fb				5.3 fb	
Unknown	NS	NS			5.4 fb				5.3 fb	
Unknown	NS	NS			4.9 fb				4.4 fb	
Unknown	NS	NS								
Unknown	NS	NS								
Unknown	NS	NS								
Unknown	NS	NS								

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NR = Not requested.
NS = No standard.
‡ = Total for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene
pr = Sample received with incorrect preservation. Value considered an estimate.
lc = Presence of the compound likely due to laboratory contamination.

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	111249-07 p	111249-07 u	111249-06 p	111249-06 u	111212-05 p	111212-05 u	111249-02 p	111249-02 u
Date Sampled			11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS										

ve = Estimated concentration calculated for analyte response above valid calibration range. Dilution required to obtain accurate quantification.
(u) = Unpreserved VOC Sample.
fb = Analyte present in the blank and sample.
ca = Calibration results outside of acceptance criteria. Reported value is estimate.
* = Standard is for total 1,3-Dichloropropene.
** = Standard is for total Xylenes.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)
Laboratory ID No.			111249-05 p	111249-05 u	111249-01 p	111249-01 u	111249-03 p	111249-08 p	111249-03 u	111249-08 u
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
Volatile Compounds (µg/l)										
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.02	0.2	<0.2 pr /<2pr D	<0.2	<0.2 pr	<0.2	<0.2 pr	<0.2 pr	<0.2	<0.2
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	550 ve/570 D	560 ve	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	5	5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	NS	20	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	NS	1.6	1.7	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	1.5	1.6	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	3	5	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	0.2*	NS	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	1,000	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	700	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	10,000**	1,000**	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	10,000**	1,000**	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)
Laboratory ID No.	Standards	Control Act	111249-05 p	111249-05 u	111249-01 p	111249-01 u	111249-03 p	111249-08 p	111249-03 u	111249-08 u
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	600	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160‡	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)			ND	ND	ND	ND	ND	ND	ND	ND
Ethane, 1,1-thiobis-	NS	NS								
Benzene, 1-ethyl-3-methyl-	NS	NS								
1H-Indene, 2,3-dihydro-	NS	NS								
Unknown	NS	NS								
Unknown	NS	NS								
Semi-Volatile Organic Compounds (µg/l) 8270 D SIM										
Naphthalene	NS	160‡	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Acenaphthylene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Acenaphthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Fluorene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Phenanthrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Anthracene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Fluoranthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Pyrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Chrysene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(a)pyrene	0.008	0.1	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Semi-Volatile Organic Compounds (µg/l) 8270 D										
Phenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Bis(2-chloroethyl)ether	0.07	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Chlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
1,3-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
1,4-Dichlorobenzene	4	NS	<1	NR	<1	NR	<1	<1	NR	NR

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)
Laboratory ID No.	Standards	Control Act	111249-05 p	111249-05 u	111249-01 p	111249-01 u	111249-03 p	111249-08 p	111249-03 u	111249-08 u
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,2-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Benzyl alcohol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Bis [2-chloroisopropyl] ether	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Methylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Hexachloroethane	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
N-Nitroso-di-n-propylamine	0.01	NS	<10	NR	<10	NR	<10	<10	NR	NR
3 & 4 Methylphenol	NS	NS	<20	NR	<20	NR	<20	<20	NR	NR
Nitrobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Isophorone	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2,4-Dimethylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Benzoic acid	NS	NS	<50	NR	<50	NR	<50	<50	NR	NR
Bis(2-chloroethoxy)methane	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,4-Dichlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
1,2,4-Trichlorobenzene	70	NS	<1	NR	<1	NR	<1	<1	NR	NR
Naphthalene	NS	160‡	<1	NR	<1.0	NR	<1	<1	NR	NR
Hexachlorobutadiene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Chloroaniline	NS	NS	<3	NR	<3	NR	<3	<3	NR	NR
4-Chloro-3-methylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Methylnaphthalene	NS	160‡	<1	NR	<1	NR	<1	<1	NR	NR
Hexachlorocyclopentadiene	50	NS	<3	NR	<3	NR	<3	<3	NR	NR
2,4,6-Trichlorophenol	4	NS	<10	NR	<10	NR	<10	<10	NR	NR
2,4,5-Trichlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Chloronaphthalene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2-Nitroaniline	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Dimethyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Acenaphthylene	0.01	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,6-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	<1	NR	NR
3-Nitroaniline	NS	NS	<3	NR	<3	NR	<3	<3	NR	NR
Acenaphthene	0.01	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,4-Dinitrophenol	NS	NS	<30	NR	<30	NR	<30	<30	NR	NR
Dibenzofuran	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,4-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Diethyl phthalate	NS	NS	<1.0	NR	<1	NR	<1	<1.0	NR	NR
Fluorene	0.01	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Chlorophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
N-Nitroso-diphenylamine	17	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Nitroaniline	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
4,6-Dinitro-2-methylphenol	NS	NS	<30	NR	<30	NR	<30	<30	NR	NR
4-Bromophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Hexachlorobenzene	0.05	NS	<1	NR	<1	NR	<1	<1	NR	NR
Pentachlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Phenanthrene	0.01	NS	<1	NR	<1	NR	<1	<1	NR	NR
Anthracene	0.01	NS	<1	NR	<1	NR	<1	<1	NR	NR
Carbazole	5	NS	<1	NR	<1	NR	<1	<1	NR	NR

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)
Laboratory ID No.	Standards	Control Act	111249-05 p	111249-05 u	111249-01 p	111249-01 u	111249-03 p	111249-08 p	111249-03 u	111249-08 u
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
Di-n-butyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Pyrene	0.01	NS	<1	NR	<1	NR	<1	<1	NR	NR
Butyl benzyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	<1	<1	NR	NR
Chrysene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	<1	<1	NR	NR
Bis(2-ethylhexyl) phthalate	6	NS	<10	NR	<10	NR	<10	<10	NR	NR
Di-n-octyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Benzo(a)pyrene	0.008	0.1	<1	NR	<1	NR	<1	<1	NR	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	<1	<1	NR	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	<1	<1	NR	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	<1	<1	NR	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	<1	<1	NR	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<1	NR	<1	NR	<1	<1	NR	NR
Tentatively Identified Compounds (µg/l)										
Benzene, 1-ethyl-3-methyl-	NS	NS								
1H-Inden-1-one, 2,3-dihydro-	NS	NS								
2-Propanol, 1-butoxy-	NS	NS								
z2-Propanol, 1-butoxy-	NS	NS								
3-Hexene, 2,2,5,5-tetramethyl-, (Z)-	NS	NS	4.2 fb				4.3 fb			
Sulfur, mol. (S8)	NS	NS	4.0							
Ethane, 1,1-thiobis-	NS	NS								
1,4-Dioxane	NS	NS								
Unknown	NS	NS	57		17 fb		18 fb	19 fb		
Unknown	NS	NS	25		16 fb		7.9 fb	8.0 fb		
Unknown	NS	NS	23		7.1 fb		7.7 fb	7.9 fb		
Unknown	NS	NS	16 fb		6.1 fb		7.0 fb	7.2 fb		
Unknown	NS	NS	11		5.7 fb		5.6 fb	6.0 fb		
Unknown	NS	NS	6.8 fb		5.5 fb		5.4 fb	4.6 fb		
Unknown	NS	NS	5.9 fb		5.3 fb		4.7 fb	4.2 fb		
Unknown	NS	NS	5.6		4.2 fb		4.3 fb			
Unknown	NS	NS	5.2				4.2 fb			
Unknown	NS	NS	5.1 fb							
Unknown	NS	NS	4.3 fb							
Unknown	NS	NS								
Unknown	NS	NS								
Unknown	NS	NS								

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NR = Not requested.
NS = No standard.
‡ = Total for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene
pr = Sample received with incorrect preservation. Value considered an estimate.
lc = Presence of the compound likely due to laboratory contamination.

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)
Laboratory ID No.	Standards	Control Act	111249-05 p	111249-05 u	111249-01 p	111249-01 u	111249-03 p	111249-08 p	111249-03 u	111249-08 u
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground								
		Water								

ve = Estimated concentration calculated for analyte response above valid calibration range. Dilution required to obtain accurate quantification.
(u) = Unpreserved VOC Sample.
fb = Analyte present in the blank and sample.
ca = Calibration results outside of acceptance criteria. Reported value is estimate.
* = Standard is for total 1,3-Dichloropropene.
** = Standard is for total Xylenes.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	FB	FB (u)	TB	FB	FB (u)	TB
Laboratory ID No.	Standards	Control Act	111212-04 p	111212-04 u	111212-07 p	111249-04 p	111249-04 u	111249-09 p
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water						
Volatile Compounds (µg/l)								
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.02	0.2	<0.2 pr	<0.2	<0.2 pr	<0.2 pr	<0.2	<0.2 pr
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	7	NS	<1	<1	<1	<1	<1	<1
Methylene Chloride	5	5	<5	<5	9.9 lc	<5	<5	6.6 lc
Methyl tert-butyl ether (MTBE)	NS	20	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	100	NS	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	NS	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	70	NS	<1	<1	<1	<1	<1	<1
Chloroform	7	NS	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	3	5	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	0.2*	NS	<1	<1	<1	<1	<1	<1
Toluene	1,000	1,000	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	0.2	NS	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1
Chlorobenzene	100	NS	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	700	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	10,000**	1,000**	<2	<2	<2	<2	<2	<2
o-Xylene	10,000**	1,000**	<1	<1	<1	<1	<1	<1
Styrene	100	NS	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	NS	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	FB	FB (u)	TB	FB	FB (u)	TB
Laboratory ID No.	Standards	Control Act	111212-04 p	111212-04 u	111212-07 p	111249-04 p	111249-04 u	111249-09 p
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water						
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1
p-isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	600	NS	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	NS	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	70	NS	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160‡	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)			ND	ND	ND	ND	ND	ND
Ethane, 1,1-thiobis-	NS	NS						
Benzene, 1-ethyl-3-methyl-	NS	NS						
1H-Indene, 2,3-dihydro-	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Semi-Volatile Organic Compounds (µg/l) 8270 D SIM								
Naphthalene	NS	160‡	<0.1	NR	NR	<0.1	NR	NR
Acenaphthylene	0.01	NS	<0.1	NR	NR	<0.1	NR	NR
Acenaphthene	0.01	NS	<0.1	NR	NR	<0.1	NR	NR
Fluorene	0.01	NS	<0.1	NR	NR	<0.1	NR	NR
Phenanthrene	0.01	NS	<0.1	NR	NR	<0.1	NR	NR
Anthracene	0.01	NS	<0.1	NR	NR	<0.1	NR	NR
Fluoranthene	0.01	NS	<0.1	NR	NR	<0.1	NR	NR
Pyrene	0.01	NS	<0.1	NR	NR	<0.1	NR	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	NR	<0.1	NR	NR
Chrysene	0.01	see benzo(a)pyrene	<0.1	NR	NR	<0.1	NR	NR
Benzo(a)pyrene	0.008	0.1	<0.1	NR	NR	<0.1	NR	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	NR	<0.1	NR	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	NR	<0.1	NR	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<0.1	NR	NR	<0.1	NR	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	NR	<0.1	NR	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<0.1	NR	NR	<0.1	NR	NR
Semi-Volatile Organic Compounds (µg/l) 8270 D								
Phenol	NS	NS	<10	NR	NR	<10	NR	NR
Bis(2-chloroethyl)ether	0.07	NS	<10	NR	NR	<10	NR	NR
2-Chlorophenol	NS	NS	<10	NR	NR	<10	NR	NR
1,3-Dichlorobenzene	NS	NS	<1	NR	NR	<1	NR	NR
1,4-Dichlorobenzene	4	NS	<1	NR	NR	<1	NR	NR

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	FB	FB (u)	TB	FB	FB (u)	TB
Laboratory ID No.	Standards	Control Act	111212-04 p	111212-04 u	111212-07 p	111249-04 p	111249-04 u	111249-09 p
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground						
		Water						
1,2-Dichlorobenzene	NS	NS	<1	NR	NR	<1	NR	NR
Benzyl alcohol	NS	NS	<10	NR	NR	<10	NR	NR
Bis [2-chloroisopropyl] ether	NS	NS	<10	NR	NR	<10	NR	NR
2-Methylphenol	NS	NS	<10	NR	NR	<10	NR	NR
Hexachloroethane	NS	NS	<1	NR	NR	<1	NR	NR
N-Nitroso-di-n-propylamine	0.01	NS	<10	NR	NR	<10	NR	NR
3 & 4 Methylphenol	NS	NS	<20	NR	NR	<20	NR	NR
Nitrobenzene	NS	NS	<1	NR	NR	<1	NR	NR
Isophorone	NS	NS	<1	NR	NR	<1	NR	NR
2-Nitrophenol	NS	NS	<10	NR	NR	<10	NR	NR
2,4-Dimethylphenol	NS	NS	<10	NR	NR	<10	NR	NR
Benzoic acid	NS	NS	<50	NR	NR	<50	NR	NR
Bis(2-chloroethoxy)methane	NS	NS	<1	NR	NR	<1	NR	NR
2,4-Dichlorophenol	NS	NS	<10	NR	NR	<10	NR	NR
1,2,4-Trichlorobenzene	70	NS	<1	NR	NR	<1	NR	NR
Naphthalene	NS	160‡	NR	NR	NR	<1	NR	NR
Hexachlorobutadiene	NS	NS	<1	NR	NR	<1	NR	NR
4-Chloroaniline	NS	NS	<3	NR	NR	<3	NR	NR
4-Chloro-3-methylphenol	NS	NS	<10	NR	NR	<10	NR	NR
2-Methylnaphthalene	NS	160‡	<1	NR	NR	<1	NR	NR
Hexachlorocyclopentadiene	50	NS	<3	NR	NR	<3	NR	NR
2,4,6-Trichlorophenol	4	NS	<10	NR	NR	<10	NR	NR
2,4,5-Trichlorophenol	NS	NS	<10	NR	NR	<10	NR	NR
2-Chloronaphthalene	NS	NS	<1	NR	NR	<1	NR	NR
2-Nitroaniline	NS	NS	<1	NR	NR	<1	NR	NR
Dimethyl phthalate	NS	NS	<1	NR	NR	<1	NR	NR
Acenaphthylene	0.01	NS	NR	NR	NR	<1	NR	NR
2,6-Dinitrotoluene	0.1	NS	<1	NR	NR	<1	NR	NR
3-Nitroaniline	NS	NS	<3	NR	NR	<3	NR	NR
Acenaphthene	0.01	NS	NR	NR	NR	<1	NR	NR
2,4-Dinitrophenol	NS	NS	<30	NR	NR	<30	NR	NR
Dibenzofuran	NS	NS	<1	NR	NR	<1	NR	NR
2,4-Dinitrotoluene	0.1	NS	<1	NR	NR	<1	NR	NR
4-Nitrophenol	NS	NS	<10	NR	NR	<10	NR	NR
Diethyl phthalate	NS	NS	<1	NR	NR	<1	NR	NR
Fluorene	0.01	NS	NR	NR	NR	<1	NR	NR
4-Chlorophenyl phenyl ether	NS	NS	<1	NR	NR	<1	NR	NR
N-Nitroso-diphenylamine	17	NS	<1	NR	NR	<1	NR	NR
4-Nitroaniline	NS	NS	<10	NR	NR	<10	NR	NR
4,6-Dinitro-2-methylphenol	NS	NS	<30	NR	NR	<30	NR	NR
4-Bromophenyl phenyl ether	NS	NS	<1	NR	NR	<1	NR	NR
Hexachlorobenzene	0.05	NS	<1	NR	NR	<1	NR	NR
Pentachlorophenol	NS	NS	<10	NR	NR	<10	NR	NR
Phenanthrene	0.01	NS	NR	NR	NR	<1	NR	NR
Anthracene	0.01	NS	NR	NR	NR	<1	NR	NR
Carbazole	5	NS	<1	NR	NR	<1	NR	NR

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	FB	FB (u)	TB	FB	FB (u)	TB
Laboratory ID No.	Standards	Control Act	111212-04 p	111212-04 u	111212-07 p	111249-04 p	111249-04 u	111249-09 p
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water						
Di-n-butyl phthalate	NS	NS	<1	NR	NR	<1	NR	NR
Pyrene	0.01	NS	NR	NR	NR	<1	NR	NR
Butyl benzyl phthalate	NS	NS	<1	NR	NR	<1	NR	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	NR	NR	NR	<1	NR	NR
Chrysene	0.01	see benzo(a)pyrene	NR	NR	NR	<1	NR	NR
Bis(2-ethylhexyl) phthalate	6	NS	<10	NR	NR	<10	NR	NR
Di-n-octyl phthalate	NS	NS	<1	NR	NR	<1	NR	NR
Benzo(a)pyrene	0.008	0.1	NR	NR	NR	<1	NR	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	NR	NR	NR	<1	NR	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	NR	NR	NR	<1	NR	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	NR	NR	NR	<1	NR	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	NR	NR	NR	<1	NR	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	NR	NR	NR	<1	NR	NR
Tentatively Identified Compounds (ug/l)								
Benzene, 1-ethyl-3-methyl-	NS	NS						
1H-Inden-1-one, 2,3-dihydro-	NS	NS						
2-Propanol, 1-butoxy-	NS	NS						
z2-Propanol, 1-butoxy-	NS	NS						
3-Hexene, 2,2,5,5-tetramethyl-, (Z)-	NS	NS				4.3 fb		
Sulfur, mol. (S8)	NS	NS						
Ethane, 1,1-thiobis-	NS	NS						
1,4-Dioxane	NS	NS						
Unknown	NS	NS	13 fb			19 fb		
Unknown	NS	NS	7.5 fb			9.1 fb		
Unknown	NS	NS	5.7 fb			8.2 fb		
Unknown	NS	NS	5.4 fb			6.0 fb		
Unknown	NS	NS	5.3 fb			5.1 fb		
Unknown	NS	NS	4.9 fb			4.9 fb		
Unknown	NS	NS	4.8 fb			4.5 fb		
Unknown	NS	NS				4.1 fb		
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						
Unknown	NS	NS						

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NR = Not requested.
NS = No standard.
‡ = Total for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene
pr = Sample received with incorrect preservation. Value considered an estimate.
lc = Presence of the compound likely due to laboratory contamination.

Table 18
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	FB	FB (u)	TB	FB	FB (u)	TB
Laboratory ID No.	Standards	Control Act	111212-04 p	111212-04 u	111212-07 p	111249-04 p	111249-04 u	111249-09 p
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground						
		Water						

ve = Estimated concentration calculated for analyte response above valid calibration range. Dilution required to obtain accurate quantification.
(u) = Unpreserved VOC Sample.
fb = Analyte present in the blank and sample.
ca = Calibration results outside of acceptance criteria. Reported value is estimate.
* = Standard is for total 1,3-Dichloropropene.
** = Standard is for total Xylenes.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 19
Groundwater Analytical Results - Metals
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-3	ETMW-7	DUP-1	MW-101	MW-102	MW-103	MW-104
Laboratory ID No.	Standards	Control Act	111212-02	111212-01	111212-03	111212-06	111249-07	111249-06	111212-05	111249-02
Date Sampled	Ground Water	Method A Cleanup	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011	11/16/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground								
Total Metals (mg/l)										
Beryllium	0.004	NS	<0.001	<0.001 J	<0.001	<0.001 J	<0.001	<0.001 J	<0.001 J	<0.001
Chromium	0.05	0.05	**0.00312**	**0.00203 J**	**0.00150**	**0.00160 J**	**0.00140**	**0.00323 J**	**0.00269 J**	**0.00152**
Copper	1	NS	<0.001	<0.001 J	<0.001	<0.001 J	**0.00112**	<0.001 J	<0.001 J	<0.001
Nickel	0.1	NS	**0.00327**	**0.00362 J**	**0.00179**	**0.00208 J**	**0.00148**	**0.00431 J**	**0.00471 J**	**0.00173**
Silver	0.05	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001 J	<0.001
Zinc	5	NS	**0.00128**	<0.001 J	<0.001	<0.001 J	<0.001	<0.001 J	<0.001 J	<0.001
Antimony	0.006	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic	0.00005	0.005	**0.0931**	**0.256/0.256 D**	**0.107**	**0.103/0.109 D**	**0.0875**	**0.141/0.161 D**	**0.112/0.117 D**	**0.0952**
Cadmium	0.005	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	0.05	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	0.01	NS	**0.00110**	**0.00101**	<0.001	<0.001	<0.001	**0.00209**	**0.00239**	<0.001
Thallium	0.002	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury	0.002	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Dissolved Metals (mg/l)										
Beryllium	0.004	NS	<0.001	<0.001 J	<0.001 J	<0.001	<0.001	<0.001 J	<0.001	<0.001 J
Chromium	0.05	0.050	**0.00333**	**0.00216 J**	**0.00149 J**	**0.00172**	**0.00116**	**0.00286 J**	**0.00272**	**0.00121 J**
Copper	1	NS	<0.001	<0.001 J	<0.001 J	<0.001	<0.001	<0.001 J	<0.001	<0.001 J
Nickel	0.1	NS	**0.00316**	**0.00375 J**	**0.00185 J**	**0.00205**	**0.00147**	**0.00414 J**	**0.00556**	**0.0018 J**
Silver	0.05	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	5	NS	<0.001	<0.001 J	<0.001	<0.001	<0.001	<0.001 J	<0.001	<0.001 J
Antimony	0.06	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic	0.00005	0.005	**0.0882**	**0.242/0.253 D**	**0.102/0.113 D**	**0.112**	**0.0836**	**0.139/0.159 D**	**0.103**	**0.0883/0.0973 D**
Cadmium	0.005	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	0.05	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	0.01	NS	**0.001**	<0.001	<0.001	<0.001	<0.001	**0.00203**	**0.00235**	<0.001
Thallium	0.002	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury	0.002	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

Legend:
mg/l = milligrams per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
J = The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 19
Groundwater Analytical Results - Metals
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	Water Quality	Model Toxics	MW-106	MW-107	MW-201	DUP-2	FB	TB	FB	TB
Laboratory ID No.	Standards	Control Act	111249-05	111249-01	111249-03	111249-08	111212-04	111212-07	111249-04	111249-09
Date Sampled	Ground Water	Method A Cleanup	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground								
Total Metals (mg/l)										
Beryllium	0.004	NS	<0.001	<0.001 J	<0.001	<0.001	<0.001	NA	<0.001	NA
Chromium	0.05	0.05	**0.00107**	<0.001 J	**0.00464**	**0.0146**	<0.001	NA	<0.001	NA
Copper	1	NS	<0.001	<0.001 J	**0.00316**	**0.00346**	<0.001	NA	<0.001	NA
Nickel	0.1	NS	**0.00516**	<0.001 J	**0.00279**	**0.00944**	<0.001	NA	<0.001	NA
Silver	0.05	NS	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Zinc	5	NS	<0.001	<0.001 J	**0.00226**	**0.0787**	**0.00514**	NA	**0.00334**	NA
Antimony	0.006	NS	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Arsenic	0.00005	0.005	**0.0514**	**0.0319/0.0356 D**	<0.001	<0.001	<0.001	NA	<0.001	NA
Cadmium	0.005	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Lead	0.05	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Selenium	0.01	NS	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Thallium	0.002	NS	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Mercury	0.002	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	NA	<0.0001	NA
Dissolved Metals (mg/l)										
Beryllium	0.004	NS	<0.001	<0.001 J	<0.001	<0.001	<0.001	NA	<0.001	NA
Chromium	0.05	0.050	**0.00104**	<0.001 J	<0.001	<0.001	<0.001	NA	<0.001	NA
Copper	1	NS	<0.001	<0.001 J	<0.001	<0.001	<0.001	NA	<0.001	NA
Nickel	0.1	NS	**0.00513**	**0.00103**	<0.001	<0.001	<0.001	NA	<0.001	NA
Silver	0.05	NS	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Zinc	5	NS	<0.001	<0.001 J	**0.126**	<0.001	<0.001	NA	<0.001	NA
Antimony	0.06	NS	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Arsenic	0.00005	0.005	**0.0499**	**0.033/0.0361 D**	<0.001	<0.001	<0.001	NA	<0.001	NA
Cadmium	0.005	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Lead	0.05	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Selenium	0.01	NS	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Thallium	0.002	NS	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	NA
Mercury	0.002	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	NA	<0.0001	NA

Legend:
mg/l = milligrams per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NS = No standard.
J = The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 20
Groundwater Analytical Results - Geochemical Parameters
REXAM Beverage Can Company
Kent, Washington
November 2011

Sample ID	ETMW-2	ETMW-3	ETMW-7	DUP-1	MW-101	MW-102	MW-103	MW-104	MW-106	MW-107	MW-201	DUP-2
Laboratory ID No.	111212-02	111212-01	111212-03	111212-06	111249-07	111249-06	111212-05	111249-02	111249-05	111249-01	111249-03	111249-08
Date Sampled	11/16/2011	11/16/2011	11/16/2011	11/16/2011	11/17/2011	11/17/2011	11/16/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011	11/17/2011
ANALYTICAL PARAMETERS												
Natural Attenuation (mg/l)												
Ethane	<0.005	<0.005	<0.005	<0.005	<0.005	0.0138	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methane	1.43 D	7.75 D	3.69 D	4.90 D	5.70 D	3.18 D	3.97 D	4.04 D	6.79 D	1.59 D	4.78 D	4.85 D
Nitrite (as Nitrogen)	0.003	0.004	0.004	0.004	0.002	0.006	0.006	0.003	<0.002	0.003	<0.002	0.006
Sulfate	<1.00	3.40	<1.00	1.42	<1.00	<1.00	<1.00	<1.00	<1.00	2.67	1.62	1.62
Nitrate (as Nitrogen)	0.107	0.171	0.155	0.158	0.101	0.174	0.069	0.128	0.117	0.091	0.034	0.054
Total Organic Carbon	36.1	31.2	23.6	24.0	17.3	47.0	56.6	22.1	21.1	16.3	2.96	3.06
Alkalinity	383	335	190	192	247	521	800	252	308	257	207	208
Biochemical Oxygen Demand	2.24	32.5	20.0	11.2	12.2	20.8	10.5	22.3	14.6	15.7	7.22	8.24
Chemical Oxygen Demand	78.3	68.8	53.5	54.3	36.5	140	139	48.3	48.7	44.1	<10.0	<10.0
Sulfide	0.24	0.24	0.24	0.24	0.52	0.40	0.34	0.28	0.32	0.24	0.18	0.18
Total Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Legend:
mg/l = milligrams per liter.
NA = Not Analyzed.
D = The sample was diluted.
DUP-1 = Duplicate sample collected from monitoring well ETMW-7.
DUP-2 = Duplicate sample collected from monitoring well MW-201.
<1.0 = Not detected above the Method Detection Limit.

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.	Standards	Control Act	204352-02p	204352-02	204352-01p	204352-01	204352-03p	204352-08p	204352-03	204352-08
Date Sampled	Ground Water	Method A Cleanup	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
Volatile Compounds (µg/l)										
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.02	0.2	<0.2 pr	<0.2	<0.2 pr	<0.2	<0.2 pr	<0.2 pr	<0.2	<0.2
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	5	5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	NS	20	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	NS	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	3	5	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	0.2*	NS	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	1,000	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	700	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	10,000**	1,000**	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	10,000**	1,000**	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	1.4	1.6	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.	Standards	Control Act	204352-02p	204352-02	204352-01p	204352-01	204352-03p	204352-08p	204352-03	204352-08
Date Sampled	Ground Water	Method A Cleanup	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	600	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160‡	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)					ND	ND	ND	ND	ND	ND
Ethane, 1,1'-thiobis-	NS	NS								
Ethane, (methylthio)-	NS	NS								
Benzene, 1-ethyl-3-methyl-	NS	NS	130	85						
Ethanethiol	NS	NS								
Unknown	NS	NS	110	84						
Unknown	NS	NS								
Unknown	NS	NS								
Semi-Volatile Organic Compounds (µg/l) 8270 D SIM										
Naphthalene	NS	160‡	<0.2	NR	<0.2	NR	<0.2	<0.2	NR	NR
Acenaphthylene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Acenaphthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Fluorene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Phenanthrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Anthracene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Fluoranthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Pyrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Chrysene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(a)pyrene	0.008	0.1	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR
Semi-Volatile Organic Compounds (µg/l) 8270 D										
Phenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Bis(2-chloroethyl)ether	0.07	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Chlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
1,3-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
1,4-Dichlorobenzene	4	NS	<1	NR	<1	NR	<1	<1	NR	NR

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.	Standards	Control Act	204352-02p	204352-02	204352-01p	204352-01	204352-03p	204352-08p	204352-03	204352-08
Date Sampled	Ground Water	Method A Cleanup	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,2-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Benzyl alcohol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Bis (2-chloroisopropyl) ether	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Methylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Hexachloroethane	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
N-Nitroso-di-n-propylamine	0.01	NS	<10	NR	<10	NR	<10	<10	NR	NR
3 & 4 Methylphenol	NS	NS	<20	NR	<20	NR	<20	<20	NR	NR
Nitrobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Isophorone	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2,4-Dimethylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Benzoic acid	NS	NS	<50	NR	<50	NR	<50	<50	NR	NR
Bis(2-chloroethoxy)methane	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,4-Dichlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
1,2,4-Trichlorobenzene	70	NS	<1	NR	<1	NR	<1	<1	NR	NR
Hexachlorobutadiene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Chloroaniline	NS	NS	<3	NR	<3	NR	<3	<3	NR	NR
4-Chloro-3-methylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Methylnaphthalene	NS	160‡	<1	NR	<1	NR	<1	<1	NR	NR
Hexachlorocyclopentadiene	50	NS	<3	NR	<3	NR	<3	<3	NR	NR
2,4,6-Trichlorophenol	4	NS	<10	NR	<10	NR	<10	<10	NR	NR
2,4,5-Trichlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
2-Chloronaphthalene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2-Nitroaniline	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Dimethyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,6-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	<1	NR	NR
3-Nitroaniline	NS	NS	<3	NR	<3	NR	<3	<3	NR	NR
2,4-Dinitrophenol	NS	NS	<30	NR	<30	NR	<30	<30	NR	NR
Dibenzofuran	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
2,4-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Diethyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Chlorophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
N-Nitroso-diphenylamine	17	NS	<1	NR	<1	NR	<1	<1	NR	NR
4-Nitroaniline	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
4,6-Dinitro-2-methylphenol	NS	NS	<30	NR	<30	NR	<30	<30	NR	NR
4-Bromophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Hexachlorobenzene	0.05	NS	<1	NR	<1	NR	<1	<1	NR	NR
Pentachlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR
Carbazole	5	NS	<1	NR	<1	NR	<1	<1	NR	NR
Di-n-butyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Butyl benzyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Bis(2-ethylhexyl) phthalate	6	NS	<10	NR	<10	NR	<10	<10	NR	NR
Di-n-octyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR
Tentatively Identified Compounds (µg/l)					ND					
Sulfur, mol. (S8)	NS	NS								

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	ETMW-2	ETMW-2 (u)	ETMW-3	ETMW-3 (u)	ETMW-7	DUP-1	ETMW-7 (u)	DUP-1 (u)
Laboratory ID No.	Standards	Control Act	204352-02p	204352-02	204352-01p	204352-01	204352-03p	204352-08p	204352-03	204352-08
Date Sampled	Ground Water	Method A Cleanup	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,2,4-trimethylbenzene			50							
1H-Indene, 2,3-dihydro-	NS	NS	43							
Unknown	NS	NS					65	75		
Unknown	NS	NS					65	70		
Unknown	NS	NS					19	20		
Unknown	NS	NS					13	13		
Unknown	NS	NS						8.5		
Phenol, 4,4'-(1-methylethylidene)bis-							8.0			
Unknown	NS	NS					8.0	8.5		
Unknown	NS	NS					4.9	6.5		
Unknown	NS	NS					4.4	5.0		

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NR = Not Requested.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene
pr = Sample received with incorrect preservation. Reported value should be considered estimate
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
(u) = Unpreserved VOC Sample.
fb = Analyte present in the blank and sample.
ca = Calibration results outside of acceptance criteria. Value is estimate.
* = Standard is for total 1,3-Dichloropropene.
** = Standard is for total Xylenes.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.	Standards	Control Act	204367-04p	204367-04	204367-05p	204367-05	204352-05p	204352-05	204352-07p	204352-07
Date Sampled	Ground Water	Method A Cleanup	4/25/2012	4/25/2012	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
Volatile Compounds (µg/l)										
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.02	0.2	0.92 pr	0.84	<0.2 pr	<0.2	<0.2 pr	<0.2	<0.2 pr	<0.2
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	380 ve/390 D	400 ve/390 D	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	5	5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	NS	20	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	NS	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	7	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	<1	<1	6.2	6.0	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	<0.35	<0.35	0.58	0.61	<0.35	<0.35	<0.35	<0.35
Trichloroethene	3	5	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	0.2*	NS	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	1,000	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	700	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	10,000**	1,000**	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	10,000**	1,000**	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.	Standards	Control Act	204367-04p	204367-04	204367-05p	204367-05	204352-05p	204352-05	204352-07p	204352-07
Date Sampled	Ground Water	Method A Cleanup	4/25/2012	4/25/2012	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	600	NS	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160‡	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)			ND	ND			ND	ND	ND	ND
Ethane, 1,1'-thiobis-	NS	NS			17	20				
Ethane, (methylthio)-	NS	NS			5.6	6.1				
Benzene, 1-ethyl-3-methyl-	NS	NS								
Ethanethiol	NS	NS				5.0				
Unknown	NS	NS			8.9	9.1				
Unknown	NS	NS			7.8	7.9				
Unknown	NS	NS			7.3	7.1				
Semi-Volatile Organic Compounds (µg/l) 8270 D SIM										
Naphthalene	NS	160‡	<0.2	NR	<0.2	NR	<0.2	NR	<0.2	NR
Acenaphthylene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Acenaphthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Fluorene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Phenanthrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Anthracene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Fluoranthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Pyrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Chrysene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(a)pyrene	0.008	0.1	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	NR	<0.1	NR
Semi-Volatile Organic Compounds (µg/l) 8270 D										
Phenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Bis(2-chloroethyl)ether	0.07	NS	<10	NR	<10	NR	<10	NR	<10	NR
2-Chlorophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
1,3-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
1,4-Dichlorobenzene	4	NS	<1	NR	<1	NR	<1	NR	<1	NR

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.			204367-04p	204367-04	204367-05p	204367-05	204352-05p	204352-05	204352-07p	204352-07
Date Sampled	Ground Water	Method A Cleanup	4/25/2012	4/25/2012	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water								
1,2-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Benzyl alcohol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Bis (2-chloroisopropyl) ether	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
2-Methylphenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Hexachloroethane	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
N-Nitroso-di-n-propylamine	0.01	NS	<10	NR	<10	NR	<10	NR	<10	NR
3 & 4 Methylphenol	NS	NS	<20	NR	<20	NR	<20	NR	<20	NR
Nitrobenzene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Isophorone	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
2,4-Dimethylphenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Benzoic acid	NS	NS	<50	NR	<50	NR	<50	NR	<50	NR
Bis(2-chloroethoxy)methane	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2,4-Dichlorophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
1,2,4-Trichlorobenzene	70	NS	<1	NR	<1	NR	<1	NR	<1	NR
Hexachlorobutadiene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
4-Chloroaniline	NS	NS	<3	NR	<3	NR	<3	NR	<3	NR
4-Chloro-3-methylphenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
2-Methylnaphthalene	NS	160‡	<1	NR	<1	NR	<1	NR	<1	NR
Hexachlorocyclopentadiene	50	NS	<3	NR	<3	NR	<3	NR	<3	NR
2,4,6-Trichlorophenol	4	NS	<10	NR	<10	NR	<10	NR	<10	NR
2,4,5-Trichlorophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
2-Chloronaphthalene	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2-Nitroaniline	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Dimethyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2,6-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	NR	<1	NR
3-Nitroaniline	NS	NS	<3	NR	<3	NR	<3	NR	<3	NR
2,4-Dinitrophenol	NS	NS	<30	NR	<30	NR	<30	NR	<30	NR
Dibenzofuran	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
2,4-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	NR	<1	NR
4-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Diethyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
4-Chlorophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
N-Nitroso-diphenylamine	17	NS	<1	NR	<1	NR	<1	NR	<1	NR
4-Nitroaniline	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
4,6-Dinitro-2-methylphenol	NS	NS	<30	NR	<30	NR	<30	NR	<30	NR
4-Bromophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Hexachlorobenzene	0.05	NS	<1	NR	<1	NR	<1	NR	<1	NR
Pentachlorophenol	NS	NS	<10	NR	<10	NR	<10	NR	<10	NR
Carbazole	5	NS	<1	NR	<1	NR	<1	NR	<1	NR
Di-n-butyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Butyl benzyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Bis(2-ethylhexyl) phthalate	6	NS	<10	NR	<10	NR	<10	NR	<10	NR
Di-n-octyl phthalate	NS	NS	<1	NR	<1	NR	<1	NR	<1	NR
Tentatively Identified Compounds (µg/l)							ND		ND	
Sulfur, mol. (S8)	NS	NS								

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-101	MW-101 (u)	MW-102	MW-102 (u)	MW-103	MW-103 (u)	MW-104	MW-104 (u)
Laboratory ID No.	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	204367-04p	204367-04	204367-05p	204367-05	204352-05p	204352-05	204352-07p	204352-07
Date Sampled			4/25/2012	4/25/2012	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS										
1,2,4-trimethylbenzene										
1H-Indene, 2,3-dihydro-	NS	NS								
Unknown	NS	NS	11		9.0					
Unknown	NS	NS			7.5					
Unknown	NS	NS								
Unknown	NS	NS								
Unknown	NS	NS								
Phenol, 4,4'-(1-methylethylidene)bis-										
Unknown	NS	NS								
Unknown	NS	NS								
Unknown	NS	NS								

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NR = Not Requested.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene
pr = Sample received with incorrect preservation. Reported value should be considered estimate
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
(u) = Unpreserved VOC Sample.
fb = Analyte present in the blank and sample.
ca = Calibration results outside of acceptance criteria. Value is estimate.
* = Standard is for total 1,3-Dichloropropene.
** = Standard is for total Xylenes.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)	FB-1
Laboratory ID No.	Standards	Control Act	204367-03p	204367-03	204352-06p	204352-06	204367-01p	204367-06p	204367-01	204367-06	204352-04p
Date Sampled	Ground Water	Method A Cleanup	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/25/2012	4/25/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water									
Volatile Compounds (µg/l)											
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl chloride	0.02	0.2	0.26 pr	0.22	<0.2 pr	<0.2	<0.2 pr	<0.2 pr	<0.2	<0.2	<0.2 pr
Bromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	NS	NS	520 ve/490 D	520 ve/510 D	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	7	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	5	5	<5	<5	<5	<5	<5	<5	<5	<5	8.6 lc
Methyl tert-butyl ether (MTBE)	NS	20	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	NS	2.4	2.2	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	7	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	1.3	1.2	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	1.0	5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	3	5	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	0.2*	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	0.2	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	700	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	10,000**	1,000**	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	10,000**	1,000**	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
N-Propylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)	FB-1
Laboratory ID No.			204367-03p	204367-03	204352-06p	204352-06	204367-01p	204367-06p	204367-01	204367-06	204352-04p
Date Sampled	Ground Water	Method A Cleanup	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/25/2012	4/25/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water									
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	600	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	70	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	NS	160‡	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)			ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethane, 1,1'-thiobis-	NS	NS									
Ethane, (methylthio)-	NS	NS									
Benzene, 1-ethyl-3-methyl-	NS	NS									
Ethanethiol	NS	NS									
Unknown	NS	NS									
Unknown	NS	NS									
Unknown	NS	NS									
Semi-Volatile Organic Compounds (µg/l) 8270 D SIM											
Naphthalene	NS	160‡	<0.2	NR	<0.2	NR	<0.2	<0.2	NR	NR	<0.2
Acenaphthylene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Acenaphthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Fluorene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Phenanthrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Anthracene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Fluoranthene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Pyrene	0.01	NS	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Benzo(a)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Chrysene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Benzo(a)pyrene	0.008	0.1	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	<0.1	NR	<0.1	NR	<0.1	<0.1	NR	NR	<0.1
Semi-Volatile Organic Compounds (µg/l) 8270 D											
Phenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
Bis(2-chloroethyl)ether	0.07	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
2-Chlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
1,3-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
1,4-Dichlorobenzene	4	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)	FB-1
Laboratory ID No.	Standards	Control Act	204367-03p	204367-03	204352-06p	204352-06	204367-01p	204367-06p	204367-01	204367-06	204352-04p
Date Sampled	Ground Water	Method A Cleanup	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/25/2012	4/25/2012	4/24/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water									
1,2-Dichlorobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Benzyl alcohol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
Bis (2-chloroisopropyl) ether	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
2-Methylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
Hexachloroethane	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
N-Nitroso-di-n-propylamine	0.01	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
3 & 4 Methylphenol	NS	NS	<20	NR	<20	NR	<20	<20	NR	NR	<20
Nitrobenzene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Isophorone	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
2-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
2,4-Dimethylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
Benzoic acid	NS	NS	<50	NR	<50	NR	<50	<50	NR	NR	<50
Bis(2-chloroethoxy)methane	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
2,4-Dichlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
1,2,4-Trichlorobenzene	70	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Hexachlorobutadiene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
4-Chloroaniline	NS	NS	<3	NR	<3	NR	<3	<3	NR	NR	<3
4-Chloro-3-methylphenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
2-Methylnaphthalene	NS	160‡	<1	NR	<1	NR	<1	<1	NR	NR	<1
Hexachlorocyclopentadiene	50	NS	<3	NR	<3	NR	<3	<3	NR	NR	<3
2,4,6-Trichlorophenol	4	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
2,4,5-Trichlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
2-Chloronaphthalene	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
2-Nitroaniline	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Dimethyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
2,6-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
3-Nitroaniline	NS	NS	<3	NR	<3	NR	<3	<3	NR	NR	<3
2,4-Dinitrophenol	NS	NS	<30	NR	<30	NR	<30	<30	NR	NR	<30
Dibenzofuran	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
2,4-Dinitrotoluene	0.1	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
4-Nitrophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
Diethyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1.0	NR	NR	<1
4-Chlorophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
N-Nitroso-diphenylamine	17	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
4-Nitroaniline	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
4,6-Dinitro-2-methylphenol	NS	NS	<30	NR	<30	NR	<30	<30	NR	NR	<30
4-Bromophenyl phenyl ether	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Hexachlorobenzene	0.05	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Pentachlorophenol	NS	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
Carbazole	5	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Di-n-butyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Butyl benzyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Bis(2-ethylhexyl) phthalate	6	NS	<10	NR	<10	NR	<10	<10	NR	NR	<10
Di-n-octyl phthalate	NS	NS	<1	NR	<1	NR	<1	<1	NR	NR	<1
Tentatively Identified Compounds (µg/l)					ND		ND	ND			ND
Sulfur, mol. (S8)	NS	NS	4.8								

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-106	MW-106 (u)	MW-107	MW-107 (u)	MW-201	DUP-2	MW-201 (u)	DUP-2 (u)	FB-1
Laboratory ID No.			204367-03p	204367-03	204352-06p	204352-05	204367-01p	204367-06p	204367-01	204367-06	204352-04p
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/25/2012	4/25/2012	4/24/2012
ANALYTICAL PARAMETERS											
1,2,4-trimethylbenzene											
1H-Indene, 2,3-dihydro-	NS	NS									
Unknown	NS	NS	26								
Unknown	NS	NS	25								
Unknown	NS	NS	15								
Unknown	NS	NS									
Unknown	NS	NS									
Phenol, 4,4'-(1-methylethylidene)bis-											
Unknown	NS	NS									
Unknown	NS	NS									
Unknown	NS	NS									

Legend:
pg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NR = Not Requested.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene
pr = Sample received with incorrect preservation. Reported value should be considered estimate
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
(u) = Unpreserved VOC Sample.
fb = Analyte present in the blank and sample.
ca = Calibration results outside of acceptance criteria. Value is estimate.
* = Standard is for total 1,3-Dichloropropene.
** = Standard is for total Xylenes.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	FB-1 (u)	TB-1	FB-2	FB-2 (u)	TB-2
Laboratory ID No.			204352-04	204352-09	204367-02p	204367-02	204367-07
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/25/2012
ANALYTICAL PARAMETERS							
Volatile Compounds (µg/l)							
Dichlorodifluoromethane	NS	NS	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10
Vinyl chloride	0.02	0.2	<0.2	<0.2 pr	<0.2 pr	<0.2	<0.2 pr
Bromomethane	NS	NS	<1	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	<1	<1	<1
Trichlorofluoromethane	NS	NS	<1	<1	<1	<1	<1
Acetone	NS	NS	<10	<10	<10	<10	<10
1,1-Dichloroethene	7	NS	<1	<1	<1	<1	<1
Methylene Chloride	5	5	8.3 lc	<5	8.3 lc	8.0 lc	<5
Methyl tert-butyl ether (MTBE)	NS	20	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	100	NS	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	NS	<1	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	70	NS	<1	<1	<1	<1	<1
Chloroform	7	NS	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	NS	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	0.5	5	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1
Carbon tetrachloride	0.3	NS	<1	<1	<1	<1	<1
Benzene	1.0	5	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	3	5	<1	<1	<1	<1	<1
1,2-Dichloropropane	0.6	NS	<1	<1	<1	<1	<1
Bromodichloromethane	0.3	NS	<1	<1	<1	<1	<1
Dibromomethane	NS	NS	<1	<1	<1	<1	<1
4-Methyl-2-pentanone	NS	NS	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	0.2*	NS	<1	<1	<1	<1	<1
Toluene	1,000	1,000	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	0.2	NS	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	NS	<1	<1	<1	<1	<1
2-Hexanone	NS	NS	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1
Tetrachloroethene	0.8	5	<1	<1	<1	<1	<1
Dibromochloromethane	0.5	NS	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.001	0.01	<1	<1	<1	<1	<1
Chlorobenzene	100	NS	<1	<1	<1	<1	<1
Ethylbenzene	700	700	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1
m-Xylene & p-Xylene	10,000**	1,000**	<2	<2	<2	<2	<2
o-Xylene	10,000**	1,000**	<1	<1	<1	<1	<1
Styrene	100	NS	<1	<1	<1	<1	<1
Isopropylbenzene	NS	NS	<1	<1	<1	<1	<1
Bromoform	5	NS	<1	<1	<1	<1	<1
N-Propylbenzene	NS	NS	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality	Model Toxics	FB-1 (u)	TB-1	FB-2	FB-2 (u)	TB-2
Laboratory ID No.	Standards	Control Act	204352-04	204352-09	204367-02p	204367-02	204367-07
Date Sampled	Ground Water	Method A Cleanup	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/25/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water					
1,1,2,2-Tetrachloroethane	NS	NS	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	NS	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	4	NS	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	600	NS	<1	<1	<1	<1	<1
1,2-Dibromo-3-Chloropropane	NS	NS	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	70	NS	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	NS	<1	<1	<1	<1	<1
Naphthalene	NS	160‡	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)			ND	ND	ND	ND	ND
Ethane, 1,1'-thiobis-	NS	NS					
Ethane, (methylthio)-	NS	NS					
Benzene, 1-ethyl-3-methyl-	NS	NS					
Ethanethiol	NS	NS					
Unknown	NS	NS					
Unknown	NS	NS					
Unknown	NS	NS					
Semi-Volatile Organic Compounds (µg/l) 8270 D SIM							
Naphthalene	NS	160‡	NR	NR	<0.2	NR	NR
Acenaphthylene	0.01	NS	NR	NR	<0.1	NR	NR
Acenaphthene	0.01	NS	NR	NR	<0.1	NR	NR
Fluorene	0.01	NS	NR	NR	<0.1	NR	NR
Phenanthrene	0.01	NS	NR	NR	<0.1	NR	NR
Anthracene	0.01	NS	NR	NR	<0.1	NR	NR
Fluoranthene	0.01	NS	NR	NR	<0.1	NR	NR
Pyrene	0.01	NS	NR	NR	<0.1	NR	NR
Benzo(a)anthracene	0.01	see benzo(a)pyrene	NR	NR	<0.1	NR	NR
Chrysene	0.01	see benzo(a)pyrene	NR	NR	<0.1	NR	NR
Benzo(a)pyrene	0.008	0.1	NR	NR	<0.1	NR	NR
Benzo(b)fluoranthene	0.01	see benzo(a)pyrene	NR	NR	<0.1	NR	NR
Benzo(k)fluoranthene	0.01	see benzo(a)pyrene	NR	NR	<0.1	NR	NR
Indeno(1,2,3-cd)pyrene	0.01	see benzo(a)pyrene	NR	NR	<0.1	NR	NR
Dibenz(a,h)anthracene	0.01	see benzo(a)pyrene	NR	NR	<0.1	NR	NR
Benzo(g,h,i)perylene	0.01	see benzo(a)pyrene	NR	NR	<0.1	NR	NR
Semi-Volatile Organic Compounds (µg/l) 8270 D							
Phenol	NS	NS	NR	NR	<10	NR	NR
Bis(2-chloroethyl)ether	0.07	NS	NR	NR	<10	NR	NR
2-Chlorophenol	NS	NS	NR	NR	<10	NR	NR
1,3-Dichlorobenzene	NS	NS	NR	NR	<1	NR	NR
1,4-Dichlorobenzene	4	NS	NR	NR	<1	NR	NR

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	FB-1 (u)	TB-1	FB-2	FB-2 (u)	TB-2
Laboratory ID No.			204352-04	204352-09	204367-02p	204367-02	204367-07
Date Sampled	Ground Water	Method A Cleanup	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/25/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water					
1,2-Dichlorobenzene	NS	NS	NR	NR	<1	NR	NR
Benzyl alcohol	NS	NS	NR	NR	<10	NR	NR
Bis (2-chloroisopropyl) ether	NS	NS	NR	NR	<10	NR	NR
2-Methylphenol	NS	NS	NR	NR	<10	NR	NR
Hexachloroethane	NS	NS	NR	NR	<1	NR	NR
N-Nitroso-di-n-propylamine	0.01	NS	NR	NR	<10	NR	NR
3 & 4 Methylphenol	NS	NS	NR	NR	<20	NR	NR
Nitrobenzene	NS	NS	NR	NR	<1	NR	NR
Isophorone	NS	NS	NR	NR	<1	NR	NR
2-Nitrophenol	NS	NS	NR	NR	<10	NR	NR
2,4-Dimethylphenol	NS	NS	NR	NR	<10	NR	NR
Benzoic acid	NS	NS	NR	NR	<50	NR	NR
Bis(2-chloroethoxy)methane	NS	NS	NR	NR	<1	NR	NR
2,4-Dichlorophenol	NS	NS	NR	NR	<10	NR	NR
1,2,4-Trichlorobenzene	70	NS	NR	NR	<1	NR	NR
Hexachlorobutadiene	NS	NS	NR	NR	<1	NR	NR
4-Chloroaniline	NS	NS	NR	NR	<3	NR	NR
4-Chloro-3-methylphenol	NS	NS	NR	NR	<10	NR	NR
2-Methylnaphthalene	NS	160‡	NR	NR	<1	NR	NR
Hexachlorocyclopentadiene	50	NS	NR	NR	<3	NR	NR
2,4,6-Trichlorophenol	4	NS	NR	NR	<10	NR	NR
2,4,5-Trichlorophenol	NS	NS	NR	NR	<10	NR	NR
2-Chloronaphthalene	NS	NS	NR	NR	<1	NR	NR
2-Nitroaniline	NS	NS	NR	NR	<1	NR	NR
Dimethyl phthalate	NS	NS	NR	NR	<1	NR	NR
2,6-Dinitrotoluene	0.1	NS	NR	NR	<1	NR	NR
3-Nitroaniline	NS	NS	NR	NR	<3	NR	NR
2,4-Dinitrophenol	NS	NS	NR	NR	<30	NR	NR
Dibenzofuran	NS	NS	NR	NR	<1	NR	NR
2,4-Dinitrotoluene	0.1	NS	NR	NR	<1	NR	NR
4-Nitrophenol	NS	NS	NR	NR	<10	NR	NR
Diethyl phthalate	NS	NS	NR	NR	<1	NR	NR
4-Chlorophenyl phenyl ether	NS	NS	NR	NR	<1	NR	NR
N-Nitroso-diphenylamine	17	NS	NR	NR	<1	NR	NR
4-Nitroaniline	NS	NS	NR	NR	<10	NR	NR
4,6-Dinitro-2-methylphenol	NS	NS	NR	NR	<30	NR	NR
4-Bromophenyl phenyl ether	NS	NS	NR	NR	<1	NR	NR
Hexachlorobenzene	0.05	NS	NR	NR	<1	NR	NR
Pentachlorophenol	NS	NS	NR	NR	<10	NR	NR
Carbazole	5	NS	NR	NR	<1	NR	NR
Di-n-butyl phthalate	NS	NS	NR	NR	<1	NR	NR
Butyl benzyl phthalate	NS	NS	NR	NR	<1	NR	NR
Bis(2-ethylhexyl) phthalate	6	NS	NR	NR	<10	NR	NR
Di-n-octyl phthalate	NS	NS	NR	NR	<1	NR	NR
Tentatively Identified Compounds (µg/l)					ND		
Sulfur, mol. (S8)	NS	NS					

Table 22
Groundwater Analytical Results - VOCs and SVOCs
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	FB-1 (u)	TB-1	FB-2	FB-2 (u)	TB-2
Laboratory ID No.			204352-04	204352-09	204367-02p	204367-02	204367-07
Date Sampled	Ground Water	Method A Cleanup	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/25/2012
ANALYTICAL PARAMETERS	Quality Criteria	Levels for Ground Water					
1,2,4-trimethylbenzene							
1H-Indene, 2,3-dihydro-	NS	NS					
Unknown	NS	NS					
Unknown	NS	NS					
Unknown	NS	NS					
Unknown	NS	NS					
Unknown	NS	NS					
Phenol, 4,4'-(1-methylethylidene)bis-							
Unknown	NS	NS					
Unknown	NS	NS					
Unknown	NS	NS					

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NR = Not Requested.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene
pr = Sample received with incorrect preservation. Reported value should be considered estimate
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
(u) = Unpreserved VOC Sample.
fb = Analyte present in the blank and sample.
ca = Calibration results outside of acceptance criteria. Value is estimate.
* = Standard is for total 1,3-Dichloropropene.
** = Standard is for total Xylenes.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 23
Groundwater Analytical Results - Metals
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	ETMW-2	ETMW-3	ETMW-7	DUP-1	MW-101	MW-102	MW-103	MW-104
Laboratory ID No.			204352-02	204352-01	204352-03	204352-08	204367-04	204367-05	204352-05	204352-07
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/24/2012	4/24/2012
ANALYTICAL PARAMETERS										
Total Metals (mg/l)										
Beryllium	0.004	NS	<0.001	<0.001 J	<0.001 J	<0.001 J	<0.001	<0.001 J	<0.001 J	<0.001 J
Chromium	0.05	0.050	0.00331	0.00262 J	0.00206 J	0.00213 J	0.00149	0.00242 J	0.00332 J	0.00119 J
Copper	1	NS	<0.001	<0.001 J	<0.001 J	<0.001 J	<0.001	<0.001 J	<0.001 J	<0.001 J
Nickel	0.1	NS	0.00214	0.00371 J	0.00215 J	0.00215 J	0.00911	0.00353 J	0.00395 J	0.00187 J
Silver	0.05	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	5	NS	<0.001	<0.001 J	0.0336 J/0.0448D	0.00804 J/0.0111D	<0.001	0.00322 J	<0.001 J	<0.001 J
Antimony	0.006	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic	0.00005	0.005	0.0923	0.203/0.198D	0.102/0.0998D	0.105/0.102D	0.0846	0.115/0.120 D	0.118/0.116D	0.0816/0.0792D
Cadmium	0.005	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	0.05	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	0.01	NS	<0.001	<0.001	<0.001	<0.001	0.00166	0.00221	0.00291	<0.001
Thallium	0.002	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury	0.002	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Dissolved Metals (mg/l)										
Beryllium	0.004	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium	0.05	0.050	0.00278	0.00229	0.00154	0.00192	0.00122	0.00235	0.00271	0.00107
Copper	1	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	0.1	NS	0.00179	0.00379	0.00191	0.00203	0.00775	0.00378	0.00392	0.00188
Silver	0.05	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	5	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Antimony	0.06	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic	0.00005	0.005	0.0845	0.197	0.0942	0.0979	0.0841	0.113	0.115	0.0772
Cadmium	0.005	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	0.05	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	0.01	NS	<0.001	<0.001	<0.001	<0.001	0.00131	0.00211	0.00257	<0.001
Thallium	0.002	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury	0.002	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

Legend:
mg/l = milligrams per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NR = Not Requested.
NS = No standard.
J = The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate. These samples were diluted and re-analyzed.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 23
Groundwater Analytical Results - Metals
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	Water Quality Standards	Model Toxics Control Act	MW-106	MW-107	MW-201	DUP-2	FB-1	FB-2
Laboratory ID No.			204367-03	204352-06	204367-01	204367-06	204352-04	204367-02
Date Sampled	Ground Water Quality Criteria	Method A Cleanup Levels for Ground Water	4/25/2012	4/24/2012	4/25/2012	4/25/2012	4/24/2012	4/25/2012
ANALYTICAL PARAMETERS								
Total Metals (mg/l)								
Beryllium	0.004	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium	0.05	0.050	**0.00112**	<0.001	**0.00236**	**0.00237**	**0.00137**	<0.001
Copper	1	NS	<0.001	<0.001	**0.00176**	**0.00108**	<0.001	<0.001
Nickel	0.1	NS	**0.00469**	<0.001	**0.00135**	**0.00132**	<0.001	<0.001
Silver	0.05	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	5	NS	**0.0152**	**0.0301**	**0.00486**	**0.00208**	<0.001	<0.001
Antimony	0.006	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic	0.00005	0.005	**0.0411**	**0.0129**	<0.001	<0.001	<0.001	<0.001
Cadmium	0.005	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	0.05	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	0.01	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	0.002	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury	0.002	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Dissolved Metals (mg/l)								
Beryllium	0.004	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium	0.05	0.050	**0.00116**	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	1	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	0.1	NS	**0.00498**	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	0.05	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	5	NS	<0.001	<0.001	**0.00176**	**0.00244**	<0.001	<0.001
Antimony	0.06	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic	0.00005	0.005	**0.0388**	**0.0129**	<0.001	<0.001	<0.001	<0.001
Cadmium	0.005	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	0.05	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	0.01	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	0.002	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury	0.002	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

Legend:
mg/l = milligrams per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method A Cleanup Levels for Groundwater.
NA = Not analyzed.
NR = Not Requested.
NS = No standard.
J = The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate. These samples were diluted and re-analyzed.
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 24
Groundwater Analytical Results - Geochemical Parameters
REXAM Beverage Can Company
Kent, Washington
April 2012

Sample ID	ETMW-2	ETMW-3	ETMW-7	DUP-1	MW-101	MW-102	MW-103	MW-104	MW-106	MW-107	MW-201	DUP-2
Date Sampled	4/24/2012	4/24/2012	4/24/2012	4/24/2012	4/25/2012	4/25/2012	4/24/2012	4/24/2012	4/25/2012	4/24/2012	4/25/2012	4/25/2012
ANALYTICAL PARAMETERS												
Natural Attenuation (mg/l)												
Ethane	<0.005	<0.005	<0.005	<0.005	<0.005	0.0518	<0.005	<0.005	0.00508	<0.005	<0.005	<0.005
Ethene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methane	14.3 D	22.1 D	15.9 D	16.6 D	19.3	13.0	14.5 D	12.1 D	16.1	0.575D	13.8	19.8
Nitrite	0.006	0.003	0.003	0.004	0.002	0.002	0.006	0.003	<0.002	0.004	0.002	<0.002
Sulfate	1.25	<1.00	5.34	1.25	<1.00	<1.00	<1.00	<1.00	2.32	14.5	1.34	1.34
Nitrate	0.095	0.228	0.144	0.111	0.125	0.191	0.183	0.224	0.097	0.045	<0.010	0.049
Total Organic Carbon	23.1	33.6	28.7	29.5	25.3	57.3	71.4	20.4	22.0	6.17	3.12	3.28
Alkalinity (mg CaCO3/l)	246	338	210	201	280	696	761	240	390	123	211	213
Biochemical Oxygen Demand	12.5	23.2	17.3	15.4	26.6	30.6	22.7	12.9	38.8	<2.00	23.9	22.6
Chemical Oxygen Demand	46.6	74.6	63.1	62.6	51.7	126	159	41.1	44.9	<10.0	<10.0	<10.0
Sulfide	0.30	0.36	0.36	0.30	0.40	0.46	0.58	0.28	0.36	0.24	0.22	0.22
Total Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Legend:
mg/l = milligrams per liter.
NA = Not Analyzed.
D = The sample was diluted
DUP-1 = Duplicate sample collected from monitoring well ETMW-7.
DUP-2 = Duplicate sample collected from monitoring well MW-201.
<1.0 = Not detected above the Method Detection Limit

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APPENDIX 19

Groundwater Data Summary Table, May 2014

Table 9
Groundwater Analytical Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	Model Toxics Control Act - Groundwater		ETMW-2	ETMW-3	ETMW-7	DUP-1
Laboratory ID No.			405437-01	405437-01	405437-03	405437-07
Date Sampled	Method A Cleanup Levels	Method B Cleanup Levels	5/21/2014	5/21/2014	5/21/2014	5/21/2014
ANALYTICAL PARAMETERS						
Volatile Compounds (µg/l)						
Dichlorodifluoromethane	NS	1,600	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10
Vinyl chloride	0.2	2.00**	<0.2	<0.2	0.38	0.26
Bromomethane	NS	11.2**	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	2.8	2.7
Trichlorofluoromethane	NS	2,400	<1	<1	<1	<1
Acetone	NS	7,200	<10	<10	<10	<10
1,1-Dichloroethene	NS	7.00**	<1	<1	<1	<1
Methylene Chloride	5	5.00**	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	20	24.3	<1	<1	<1	<1
trans-1,2-Dichloroethene	NS	100**	<1	<1	<1	<1
1,1-Dichloroethane	NS	1,600	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1
cis-1,2-Dichloroethene	NS	70**	<1	<1	<1	<1
Chloroform	NS	80**	<1	<1	<1	<1
2-Butanone (MEK)	NS	4,800	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	5	5.00**	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200**	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1
Carbon tetrachloride	NS	5.00**	<1	<1	<1	<1
Benzene	5	5.00**	<0.35	<0.35	<0.35	<0.35
Trichloroethene	5	5.00**	<1	<1	<1	<1
1,2-Dichloropropane	NS	5.00**	<1	<1	<1	<1
Bromodichloromethane	NS	0.08**	<1	<1	<1	<1
Dibromomethane	NS	80	<1	<1	<1	<1
4-Methyl-2-pentanone (MIBK)	NS	640	<10	<10	<10	<10
cis-1,3-Dichloropropene	NS	0.438	<1	<1	<1	<1
Toluene	1,000	1,000**	<1	<1	<1	<1
trans-1,3-Dichloropropene	NS	0.438	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	5.00**	<1	<1	<1	<1
2-Hexanone (MBK)	NS	NS	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1
Tetrachloroethene	5	5.00**	<1	<1	<1	<1
Dibromochloromethane	NS	80**	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.01	0.05**	<1	<1	<1	<1
Chlorobenzene	NS	100**	<1	<1	<1	<1
Ethylbenzene	700	70**	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	1.68	<1	<1	<1	<1
m-Xylene & p-Xylene*	1,000	10,000**	<2	<2	<2	<2
o-Xylene*	1,000	10,000**	<1	<1	<1	<1
Styrene	NS	100**	<1	<1	<1	<1
Isopropylbenzene (Cumene)	NS	800	<1	<1	<1	<1
Bromoform	NS	80**	<1	<1	<1	<1
N-Propylbenzene	NS	800	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	80	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	0.219	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	0.00146	<1	<1	<1	<1
2-Chlorotoluene	NS	160	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1
1,4-Dichlorobenzene	NS	75**	<1	<1	<1	<1
1,2-Dichlorobenzene	NS	600**	<1	<1	<1	<1

Table 9
Groundwater Analytical Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	Model Toxics Control Act - Groundwater		ETMW-2	ETMW-3	ETMW-7	DUP-1
Laboratory ID No.			405437-01	405437-01	405437-03	405437-07
Date Sampled	Method A Cleanup Levels	Method B Cleanup Levels	5/21/2014	5/21/2014	5/21/2014	5/21/2014
ANALYTICAL PARAMETERS						
1,2-Dibromo-3-Chloropropane	NS	0.2**	<10	<10	<10	<10
1,2,4-Trichlorobenzene	NS	70**	<1	<1	<1	<1
Hexachlorobutadiene	NS	0.561	<1	<1	<1	<1
Naphthalene	160‡	160	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)						
Ethane, 1,1'-thiobis-	NS	NS				
Ethane, (methylthio)-	NS	NS				
Benzene, 1-ethenyl-2-methyl-	NS	NS				
Benzene, 1-ethyl-2-methyl-	NS	NS				
Benzene, 1-ethyl-3-methyl-	NS	NS				
Benzene, 1-ethyl-4-methyl-	NS	NS				
2-Butene, (Z)	NS	NS				
2-Butyne	NS	NS				
1,4-Dioxane	NS	0.438				
Ethanethiol	NS	NS				
2-Hexanone (MBK)	NS	NS				
1H-Indene, 2,3-dihydro-	NS	NS	78			
Benzene, 1,3,5-trimethyl-	NS	80	62			
1-Propene, 2-chloro-	NS	NS				
1.3-Butadiene, 2-chloro	NS	160				
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS				
2-Butene, 1-chloro-	NS	NS				
Total Tentatively Identified Compounds	NS	NS	140.0	0	0	0

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method B Cleanup Levels for Groundwater.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene.
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
Xylene standard is for Total Xylenes.
* = Standard is for total 1,3-Dichloropropene.
** = Standard based on Washington Maximum Contaminant Level
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 9
Groundwater Analytical Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	Model Toxics Control Act - Groundwater		MW-101	MW-102	MW-103	MW-104	MW-105R
Laboratory ID No.			405456-04	405456-02	405437-05	405456-01	405456-07
Date Sampled	Method A Cleanup Levels	Method B Cleanup Levels	5/22/2014	5/22/2014	5/21/2014	5/22/2014	5/22/2014
ANALYTICAL PARAMETERS							
Volatile Compounds (µg/l)							
Dichlorodifluoromethane	NS	1,600	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10
Vinyl chloride	0.2	2.00**	1.5	<0.2	0.31	<0.2	1.9
Bromomethane	NS	11.2**	<1	<1	<1	<1	<1
Chloroethane	NS	NS	<1	340 ve/340 D	<1	<1	120
Trichlorofluoromethane	NS	2,400	<1	<1	<1	<1	<1
Acetone	NS	7,200	<10	<10	<10	<10	<10
1,1-Dichloroethene	NS	7.00**	<1	<1	<1	<1	<1
Methylene Chloride	5	5.00**	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	20	24.3	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	NS	100**	<1	<1	<1	<1	<1
1,1-Dichloroethane	NS	1,600	<1	<1	<1	<1	34
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	NS	70**	<1	<1	<1	<1	<1
Chloroform	NS	80**	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	4,800	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	5	5.00**	<1	5.2	<1	<1	<1
1,1,1-Trichloroethane	200	200**	<1	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1
Carbon tetrachloride	NS	5.00**	<1	<1	<1	<1	<1
ɪzene	5	5.00**	<0.35	0.47	<0.35	<0.35	<0.35
.chloroethene	5	5.00**	<1	<1	<1	<1	<1
1,2-Dichloropropane	NS	5.00**	<1	<1	<1	<1	<1
Bromodichloromethane	NS	0.08**	<1	<1	<1	<1	<1
Dibromomethane	NS	80	<1	<1	<1	<1	<1
4-Methyl-2-pentanone (MIBK)	NS	640	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	NS	0.438	<1	<1	<1	<1	<1
Toluene	1,000	1,000**	<1	<1	<1	<1	5.2
trans-1,3-Dichloropropene	NS	0.438	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	5.00**	<1	<1	<1	<1	<1
2-Hexanone (MBK)	NS	NS	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1
Tetrachloroethene	5	5.00**	<1	<1	<1	<1	<1
Dibromochloromethane	NS	80**	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.01	0.05**	<1	<1	<1	<1	<1
Chlorobenzene	NS	100**	<1	<1	<1	<1	<1
Ethylbenzene	700	70**	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	1.68	<1	<1	<1	<1	<1
m-Xylene & p-Xylene+	1,000	10,000**	<2	<2	<2	<2	<2
o-Xylene+	1,000	10,000**	<1	<1	<1	<1	<1
Styrene	NS	100**	<1	<1	<1	<1	<1
Isopropylbenzene (Cumene)	NS	800	<1	<1	<1	<1	<1
Bromoform	NS	80**	<1	<1	<1	<1	<1
N-Propylbenzene	NS	800	<1	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	80	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	0.219	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	0.00146	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	160	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1
.4-Trimethylbenzene	NS	NS	1.7	<1	<1	<1	<1
.ec-Butylbenzene	NS	NS	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	NS	75**	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	NS	600**	<1	<1	<1	<1	<1

Table 9
Groundwater Analytical Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	Model Toxics Control Act - Groundwater		MW-101	MW-102	MW-103	MW-104	MW-105R
Laboratory ID No.			405456-04	405456-02	405437-05	405456-01	405456-07
Date Sampled	Method A	Method B	5/22/2014	5/22/2014	5/21/2014	5/22/2014	5/22/2014
ANALYTICAL PARAMETERS	Cleanup Levels	Cleanup Levels					
1,2-Dibromo-3-Chloropropane	NS	0.2**	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	NS	70**	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	0.561	<1	<1	<1	<1	<1
Naphthalene	160‡	160	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)							
Ethane, 1,1'-thiobis-	NS	NS		23			
Ethane, (methylthio)-	NS	NS		9.0			
Benzene, 1-ethenyl-2-methyl-	NS	NS					
Benzene, 1-ethyl-2-methyl-	NS	NS					
Benzene, 1-ethyl-3-methyl-	NS	NS					
Benzene, 1-ethyl-4-methyl-	NS	NS					
2-Butene, (Z)	NS	NS					
2-Butyne	NS	NS					
1,4-Dioxane	NS	0.438					
Ethanethiol	NS	NS		19			
2-Hexanone (MBK)	NS	NS					
1H-Indene, 2,3-dihydro-	NS	NS					
Benzene, 1,3,5-trimethyl-	NS	80					
1-Propene, 2-chloro-	NS	NS		8.8			
1.3-Butadiene, 2-chloro	NS	160		8.6			
Propene, 3,3,3-trichloro-2-methyl-	NS	NS					
Butene, 1-chloro-	NS	NS		7.5			
Total Tentatively Identified Compounds	NS	NS	0	75.9	0	0	0

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method B Cleanup Levels for Groundwater.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene.
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
Xylene standard is for Total Xylenes.
* = Standard is for total 1,3-Dichloropropene.
** = Standard based on Washington Maximum Contaminant Level
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 9
Groundwater Analytical Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	Model Toxics Control Act - Groundwater		MW-106	MW-107	MW-108	MW-201	DUP
Laboratory ID No.			405456-03	405437-06	405456-06	405456-02	405456-08
Date Sampled	Method A Cleanup Levels	Method B Cleanup Levels	5/22/2014	5/21/2014	5/22/2014	5/22/2014	5/22/2014
ANALYTICAL PARAMETERS							
Volatile Compounds (µg/l)							
Dichlorodifluoromethane	NS	1,600	<1	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10	<10
Vinyl chloride	0.2	2.00**	**0.23**	<0.2	**9.7**	<0.2	<0.2
Bromomethane	NS	11.2**	<1	<1	<1	<1	<1
Chloroethane	NS	NS	**370 ve/390 D**	<1	**680 ve/820 D**	<1	<1
Trichlorofluoromethane	NS	2,400	<1	<1	<1	<1	<1
Acetone	NS	7,200	<10	<10	**24**	<10	<10
1,1-Dichloroethene	NS	7.00**	<1	<1	**78**	<1	<1
Methylene Chloride	5	5.00**	<5	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	20	24.3	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	NS	100**	<1	<1	<1	<1	<1
1,1-Dichloroethane	NS	1,600	**1.2**	<1	**1,200 ve/1,600 D**	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	NS	70**	<1	<1	**1.3**	<1	<1
Chloroform	NS	80**	<1	<1	<1	<1	<1
2-Butanone (MEK)	NS	4,800	<10	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	5	5.00**	<1	<1	**4.7**	<1	<1
1,1,1-Trichloroethane	200	200**	<1	<1	**1,600 ve/2,300 D**	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1	<1
Carbon tetrachloride	NS	5.00**	<1	<1	<1	<1	<1
[illegible]zene	5	5.00**	<0.35	<0.35	<0.35	<0.35	<0.35
[illegible]nloroethene	5	5.00**	<1	<1	**5.2**	<1	<1
1,2-Dichloropropane	NS	5.00**	<1	<1	<1	<1	<1
Bromodichloromethane	NS	0.08**	<1	<1	<1	<1	<1
Dibromomethane	NS	80	<1	<1	<1	<1	<1
4-Methyl-2-pentanone (MIBK)	NS	640	<10	<10	<10	<10	<10
cis-1,3-Dichloropropene	NS	0.438	<1	<1	<1	<1	<1
Toluene	1,000	1,000**	<1	<1	**15**	<1	<1
trans-1,3-Dichloropropene	NS	0.438	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	5.00**	<1	<1	**2.1**	<1	<1
2-Hexanone (MBK)	NS	NS	<10	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1	<1
Tetrachloroethene	5	5.00**	<1	<1	**4.0**	<1	<1
Dibromochloromethane	NS	80**	<1	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.01	0.05**	<1	<1	<1	<1	<1
Chlorobenzene	NS	100**	<1	<1	<1	<1	<1
Ethylbenzene	700	70**	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	1.68	<1	<1	<1	<1	<1
m-Xylene & p-Xylene[+]	1,000	10,000**	<2	<2	**2.4**	<2	<2
o-Xylene[+]	1,000	10,000**	<1	<1	**8.3**	<1	<1
Styrene	NS	100**	<1	<1	<1	<1	<1
Isopropylbenzene (Cumene)	NS	800	<1	<1	**1.2**	<1	<1
Bromoform	NS	80**	<1	<1	<1	<1	<1
N-Propylbenzene	NS	800	<1	<1	**2.3**	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	80	<1	<1	**5.3**	<1	<1
1,1,2,2-Tetrachloroethane	NS	0.219	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	0.00146	<1	<1	<1	<1	<1
2-Chlorotoluene	NS	160	<1	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1	<1
[illegible]-Trimethylbenzene	NS	NS	<1	<1	**15**	<1	<1
[illegible]-Butylbenzene	NS	NS	<1	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	NS	75**	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	NS	600**	<1	<1	<1	<1	<1

Table 9
Groundwater Analytical Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	Model Toxics Control Act - Groundwater		MW-106	MW-107	MW-108	MW-201	DUP
Laboratory ID No.			405456-03	405437-06	405456-06	405456-02	405456-08
Date Sampled	Method A Cleanup Levels	Method B Cleanup Levels	5/22/2014	5/21/2014	5/22/2014	5/22/2014	5/22/2014
ANALYTICAL PARAMETERS							
1,2-Dibromo-3-Chloropropane	NS	0.2**	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	NS	70**	<1	<1	<1	<1	<1
Hexachlorobutadiene	NS	0.561	<1	<1	<1	<1	<1
Naphthalene	160‡	160	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)							
Ethane, 1,1'-thiobis-	NS	NS					
Ethane, (methylthio)-	NS	NS			15		
Benzene, 1-ethenyl-2-methyl-	NS	NS	5.2				
Benzene, 1-ethyl-2-methyl-	NS	NS			7.6		
Benzene, 1-ethyl-3-methyl-	NS	NS			6.2		
Benzene, 1-ethyl-4-methyl-	NS	NS			26		
2-Butene, (Z)	NS	NS			17		
2-Butyne	NS	NS			11		
1,4-Dioxane	NS	0.438			10		
Ethanethiol	NS	NS					
2-Hexanone (MBK)	NS	NS			7.3		
1H-Indene, 2,3-dihydro-	NS	NS					
Benzene, 1,3,5-trimethyl-	NS	80					
1-Propene, 2-chloro-	NS	NS					
1,3-Butadiene, 2-chloro	NS	160					
opene, 3,3,3-trichloro-2-methyl-	NS	NS			32		
utene, 1-chloro-	NS	NS			24		
Total Tentatively Identified Compounds	NS	NS	5.2	0	156.1	0	0

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method B Cleanup Levels for Groundwater.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene.
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
Xylene standard is for Total Xylenes.
* = Standard is for total 1,3-Dichloropropene.
** = Standard based on Washington Maximum Contaminant Level
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

Table 9
Groundwater Analytical Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	Model Toxics Control Act - Groundwater		FB-1	TB-1	FB-2	TB-2
Laboratory ID No.			405437-04	405437-08	405456-09	405456-10
Date Sampled	Method A Cleanup Levels	Method B Cleanup Levels	5/21/2014	5/21/2014	5/22/2014	5/22/2014
ANALYTICAL PARAMETERS						
Volatile Compounds (µg/l)						
Dichlorodifluoromethane	NS	1,600	<1	<1	<1	<1
Chloromethane	NS	NS	<10	<10	<10	<10
Vinyl chloride	0.2	2.00**	<0.2	<0.2	<0.2	<0.2
Bromomethane	NS	11.2**	<1	<1	<1	<1
Chloroethane	NS	NS	<1	<1	<1	<1
Trichlorofluoromethane	NS	2,400	<1	<1	<1	<1
Acetone	NS	7,200	<10	<10	<10	<10
1,1-Dichloroethene	NS	7.00**	<1	<1	<1	<1
Methylene Chloride	5	5.00**	**5.1 lc**	<5	<5	<5
Methyl tert-butyl ether (MTBE)	20	24.3	<1	<1	<1	<1
trans-1,2-Dichloroethene	NS	100**	<1	<1	<1	<1
1,1-Dichloroethane	NS	1,600	<1	<1	<1	<1
2,2-Dichloropropane	NS	NS	<1	<1	<1	<1
cis-1,2-Dichloroethene	NS	70**	<1	<1	<1	<1
Chloroform	NS	80**	<1	<1	<1	<1
2-Butanone (MEK)	NS	4,800	<10	<10	<10	<10
1,2-Dichloroethane (EDC)	5	5.00**	<1	<1	<1	<1
1,1,1-Trichloroethane	200	200**	<1	<1	<1	<1
1,1-Dichloropropene	NS	NS	<1	<1	<1	<1
Carbon tetrachloride	NS	5.00**	<1	<1	<1	<1
Benzene	5	5.00**	<0.35	<0.35	<0.35	<0.35
Trichloroethene	5	5.00**	<1	<1	<1	<1
1,2-Dichloropropane	NS	5.00**	<1	<1	<1	<1
Bromodichloromethane	NS	0.08**	<1	<1	<1	<1
Dibromomethane	NS	80	<1	<1	<1	<1
4-Methyl-2-pentanone (MIBK)	NS	640	<10	<10	<10	<10
cis-1,3-Dichloropropene	NS	0.438	<1	<1	<1	<1
Toluene	1,000	1,000**	<1	<1	<1	<1
trans-1,3-Dichloropropene	NS	0.438	<1	<1	<1	<1
1,1,2-Trichloroethane	NS	5.00**	<1	<1	<1	<1
2-Hexanone (MBK)	NS	NS	<10	<10	<10	<10
1,3-Dichloropropane	NS	NS	<1	<1	<1	<1
Tetrachloroethene	5	5.00**	<1	<1	<1	<1
Dibromochloromethane	NS	80**	<1	<1	<1	<1
1,2-Dibromomethane (EDB)	0.01	0.05**	<1	<1	<1	<1
Chlorobenzene	NS	100**	<1	<1	<1	<1
Ethylbenzene	700	70**	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	NS	1.68	<1	<1	<1	<1
m-Xylene & p-Xylene[+]	1,000	10,000**	<2	<2	<2	<2
o-Xylene[+]	1,000	10,000**	<1	<1	<1	<1
Styrene	NS	100**	<1	<1	<1	<1
Isopropylbenzene (Cumene)	NS	800	<1	<1	<1	<1
Bromoform	NS	80**	<1	<1	<1	<1
N-Propylbenzene	NS	800	<1	<1	<1	<1
Bromobenzene	NS	NS	<1	<1	<1	<1
1,3,5-Trimethylbenzene	NS	80	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	NS	0.219	<1	<1	<1	<1
1,2,3-Trichloropropane	NS	0.00146	<1	<1	<1	<1
2-Chlorotoluene	NS	160	<1	<1	<1	<1
4-Chlorotoluene	NS	NS	<1	<1	<1	<1
tert-Butylbenzene	NS	NS	<1	<1	<1	<1
1,2,4-Trimethylbenzene	NS	NS	<1	<1	<1	<1
sec-Butylbenzene	NS	NS	<1	<1	<1	<1
p-Isopropyltoluene	NS	NS	<1	<1	<1	<1
1,3-Dichlorobenzene	NS	NS	<1	<1	<1	<1
1,4-Dichlorobenzene	NS	75**	<1	<1	<1	<1
1,2-Dichlorobenzene	NS	600**	<1	<1	<1	<1

Table 9
Groundwater Analytical Results
REXAM BEVERAGE CAN COMPANY
Kent, Washington
May 2014

Sample ID	Model Toxics Control Act - Groundwater		FB-1	TB-1	FB-2	TB-2
Laboratory ID No.			405437-04	405437-08	405456-09	405456-10
Date Sampled	Method A Cleanup Levels	Method B Cleanup Levels	5/21/2014	5/21/2014	5/22/2014	5/22/2014
ANALYTICAL PARAMETERS						
1,2-Dibromo-3-Chloropropane	NS	0.2**	<10	<10	<10	<10
1,2,4-Trichlorobenzene	NS	70**	<1	<1	<1	<1
Hexachlorobutadiene	NS	0.561	<1	<1	<1	<1
Naphthalene	160‡	160	<1	<1	<1	<1
1,2,3-Trichlorobenzene	NS	NS	<1	<1	<1	<1
Tentatively Identified Compounds (µg/l)						
Ethane, 1,1'-thiobis-	NS	NS				
Ethane, (methylthio)-	NS	NS				
Benzene, 1-ethenyl-2-methyl-	NS	NS				
Benzene, 1-ethyl-2-methyl-	NS	NS				
Benzene, 1-ethyl-3-methyl-	NS	NS				
Benzene, 1-ethyl-4-methyl-	NS	NS				
2-Butene, (Z)	NS	NS				
2-Butyne	NS	NS				
1,4-Dioxane	NS	0.438				
Ethanethiol	NS	NS				
2-Hexanone (MBK)	NS	NS				
1H-Indene, 2,3-dihydro-	NS	NS				
Benzene, 1,3,5-trimethyl-	NS	80				
1-Propene, 2-chloro-	NS	NS				
1,3-Butadiene, 2-chloro	NS	160				
1-Propene, 3,3,3-trichloro-2-methyl-	NS	NS				
2-Butene, 1-chloro-	NS	NS				
Total Tentatively Identified Compounds	NS	NS	0	0	0	0

Legend:
µg/l = micrograms per liter.
<0.00 = Not detected above Method Detection Limit.
Highlighted values equal or exceed Model Toxics Control Act Method B Cleanup Levels for Groundwater.
NS = No standard.
‡ = Total value for naphthalene, 1-methylnaphthalene, 2-methylnaphthalene.
D = Result from reanalysis on diluted sample.
lc = Presence of the compound is likely due to laboratory contamination.
ve = Estimated concentration calculated for response above valid calibration range. Dilution required to obtain accurate quantification.
Xylene standard is for Total Xylenes.
* = Standard is for total 1,3-Dichloropropene.
** = Standard based on Washington Maximum Contaminant Level
DUP-1 = Collected from ETMW-7.
DUP-2 = Collected from MW-201.

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 20

Monitoring Well Purge Forms, February 2015

Unit # 029828

MRD + Josh

Well	DTW	PID
ETMW3	4.95	0.0
ETMW2	4.92	0.0
ETMW7	5.39	0.0
MW 103	4.32	0.0
MW 104	4.75	0.0
MW201	5.28	0.0
MW106	7.61	0.0
MW107	1.40	0.0
MW101	8.08	18.4
MW102	5.64	0.3
MW105R	4.22	0.6
MW108	6.81	69.3

Sampled 9 wells

1 Tb off site

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Overcast 50s F
Personnel	JNW, Trevor Snook	Date	2/10/15

Well

Well ID	ETMW2	Depth to Water	4.92
Permit #		Depth to Product	—
Construction Material	PVC	TOC Elevation	38.59
Diameter	1"	PID Reading	0.0
Completion	Flush Mt	Screened Interval	5-15
Total Depth	15'	Development Rate	0.38

Purge/Sampling

Parameter / Units	Time	Specific Conductance µs/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	0921	0.448	0.00	-134	6.92	408	11.92	—
	0926	0.400	0.00	-146	6.95	183	12.08	—
	0931	0.379	0.00	-148	6.95	61.0	12.07	—
	0936	0.377	0.00	-147	6.94	33.7	12.05	—
	0941	0.376	0.00	-143	6.91	33.6	12.08	—
	0946	0.375	0.00	-142	6.91	29.2	12.08	—
	0951	0.372	0.00	-146	7.02	49.1	12.07	—
	0956	0.371	0.00	-142	6.95	30.0	12.07	—
	~~1001~~	~~0.370~~	~~0.00~~	~~-141~~	~~6.94~~	~~30.3~~	~~12.09~~	~~—~~
	1001	0.370	0.00	-136	6.91	90.3	12.10	—
	1006	0.370	0.00	-131	6.86	62.2	12.09	—
	1011	0.370	0.00	-133	6.91	23.1	1210	—
	~~1016~~	JNW						

Sampling Method: Peristaltic / Submersible

Well Volume: 0.2 gal

Sampling Start: 1011

Sampling End: 1020

brown - yellow color, no odor, biological sheen

3.5 gal

start Purge 0917

end 1011

4 gal purged

pump at 250 ml/minute

end based on amount purged - turbidity looked like it would stabilize, but remained variable

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Overcast 50s F
Personnel	JHW, TS	Date	2/10 /15

Well

Well ID	EIMW-3	Depth to Water	4.95
Permit #		Depth to Product	—
Construction Material	PVC	TOC Elevation	36.89
Diameter	1"	PID Reading	0.0
Completion	Flush Mt	Screened Interval	5-15
Total Depth	15'	Development Rate	0.42 GPM

Purge/Sampling

Parameter / Units	Time (hhmm)	Specific Conductance mS/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	~~0820~~							N/A
	0824	0.694	0.00	~~-15~~ -130	6.74	51	12.9	—
	0829	0.674	0.00	-147	6.75	11.4	13.15	—
	0834	0.672	0.00	-147	6.72	9.7	13.19	—
	0839	0.671	0.00	-147	6.69	8.3	13.19	—
	0844	0.670	0.00	-148	6.69	5.3	13.23	—

Sampling Method: Peristaltic / Submersible

Well Volume: 0.2 gal

Sampling Start: 0844

Sampling End: 0850

Slight yellow color, biological "sheen"

Set tube at ~~15~~ 10'. Start purge 0820

Rate 250 ml / minute

2 gallons Purged

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Overcast 50s
Personnel	JHW, TB	Date	2/10 /15

Well

Well ID	ETMW7	Depth to Water	5.39
Permit #		Depth to Product	—
Construction Material	PVC	TOC Elevation	36.89
Diameter	1"	PID Reading	0.0
Completion	Flush mount	Screened Interval	5 - 15
Total Depth	15'	Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance m_s/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	1040	0.505	0.00	-149	6.90	98.0	13.05	—
	1045	0.511	0.00	-159	6.98	29.7	13.15	—
	1050	0.509	0.00	-157	6.98	17.9	13.17	—
	1055	0.511	0.00	-154	6.97	12.7	13.22	—
	1100	0.508	0.00	-155	6.99	7.4	13.25	—
	1105	0.511	0.00	-157	6.98	5.7	13.26	—
	1110	0.507	0.00	-150	6.99	4.0	13.27	—

Sampling Method: Peristaltic / Submersible

Well Volume: 0.2 gal

Sampling Start: 1112

Sampling End: 1120

yellow - no odor, biological sheen

300 ml/minute

Purge start 1035

3 gallons

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Overcast
Personnel		Date	2/ 10 /15

Well

Well ID	MW-101	Depth to Water	8.11
Permit #		Depth to Product	—
Construction Material	PVC	TOC Elevation	
Diameter	2"	PID Reading	18.4
Completion	Flush mount	Screened Interval	7-17
Total Depth	17	Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance ms/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	1455	0.362	1.09	-61	6.58	28.3	21.26	8.38
	1500	0.351	0.63	-93	6.62	28.5	23.19	8.47
	1505	0.351	0.55	-102	6.63	13.3	23.93	8.66
	1510	0.349	0.51	-107	6.63	0.0	24.24	8.73
	1515	0.351	0.55	-110	6.65	17.9 *	24.42	8.81
	1520	0.356	0.48	-113	6.65	0.0	24.59	8.86

Sampling Method: Peristaltic / Submersible

Sampling Start: 1522

Sampling End: 1536

Well Volume: 2 Gallons purged

Start Purge: 1450

Purge Rate: 240 ml/min

* anomalous turbidity reading. Was 0.0 since before 1510 and immediately following reading at 1515

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Cloudy, 50
Personnel	JHW TS	Date	2/11/15

Well

Well ID	MW102	Depth to Water	5.64
Permit #		Depth to Product	—
Construction Material	PVC	TOC Elevation	37.23
Diameter	2"	PID Reading	0.3
Completion	Flush mount	Screened Interval	7-17
Total Depth	17	Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance mS/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	0807	0.668	0.00	-31	6.70	40.4	12.17	5.76
	0812	1.04	0.00	-107	6.56	2.9	12.76	5.76
	0817	1.04	0.00	-132	6.69	0.0	12.81	5.77
	0822	1.04	0.00	-142	6.77	2.4	12.85	5.81
	0827	1.04	0.00	-144	6.71	0.0	12.91	5.81
	0832	1.04	0.00	-148	6.73	0.0	12.96	5.81
	0837	1.04	0.00	-150	6.74	0.0	13.00	5.81
	0842	1.04	0.00	-152	6.75	0.0	13.04	5.81

Sampling Method: (Peristaltic) / Submersible

Well Volume: 1.7 gal.

Sampling Start: 0842

Sampling End: 0901

yellow, sulfur odor, biological sheen

250 ml/minute

Start Purge 0802

End 0842

2.5 gal. purged

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Overcast
Personnel	M. DeGroot, J. Akin	Date	2/ 10 /15

Well

Well ID	MW-103	Depth to Water	~~4.32~~ 3.28
Permit #		Depth to Product	–
Construction Material	PVC	TOC Elevation	36.62'
Diameter	2"	PID Reading	0.0
Completion	Flush Mount	Screened Interval	4-14'
Total Depth	14'	Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance ms/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	1207	0.880	2.25	NR	6.80	35.5	12.96	3.28
	1212	0.866	2.08	-157	6.88	29.8	12.83	3.29
	1217	0.863	1.98	-166	6.92	16.6	12.74	3.29
	1222	0.866	1.61	-171	6.93	5.6	12.68	3.31
	1227	0.866	1.50	-173	6.92	1.9	12.64	3.32
	1232	0.867	1.58	-174	6.94	0.6	12.65	3.32

Sampling Method (Peristaltic) / Submersible

Well Volume

Sampling Start 1234

Sampling End 1252

Purge Start: 1202

Purge ~ 2.5 gal

Slight yellow tint

Rate: 240 ml/min

Some effervescence in VOC vials w/ HCl

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Partly Cloudy
Personnel	M. DeGregory, J. Akins	Date	2/ 10 /15

Well

Well ID	MW-104	Depth to Water	4.70
Permit #		Depth to Product	-
Construction Material	PVC	TOC Elevation	38.82
Diameter	2"	PID Reading	0.0
Completion	Flush Mount	Screened Interval	5-15'
Total Depth	15'	Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance ms/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	1325	0.373	1.36	-119	7.02	0.0	13.27	4.75
	1330	0.368	1.24	-130	7.00	0.0	13.04	4.75
	1335	0.368	1.12	-137	7.00	0.0	12.79	4.76
	1340	0.368	1.05	-141	7.00	0.0	12.71	4.76
	1345	0.368	1.02	-144	7.00	0.0	12.68	4.76

Sampling Method: Peristaltic / Submersible

Sampling Start: 1351

Sampling End: 1403

Well Volume: 2 Gallons Purged

Purge Start : 1320

Purge Rate: 250 ml/min

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Overcast, Light Fog
Personnel	M. Dobrogosz, J. Akins	Date	2/ 11 /15

Well

Well ID	MW-105R	Depth to Water	3.97
Permit #	BHV 838	Depth to Product	—
Construction Material	PVC	TOC Elevation	
Diameter	2"	PID Reading	0.6
Completion	Flush Mount	Screened Interval	5-15'
Total Depth	15'	Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance ms/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	0815	0.406	1.53	45	6.50	27.7	12.99	4.43
	0820	0.406	1.23	-70	6.85	10.1	14.32	4.59
	0825	0.389	1.03	-100	6.96	11.3	14.65	4.68
	0830	0.386	0.89	-114	6.99	11.9	14.64	4.73
	0835	0.384	0.79	-120	7.00	8.9	14.61	4.73
	0840	0.383	0.75	-121	7.00	8.3	14.65	4.75
	0845	0.383	0.66	-123	6.96	7.3	14.53	4.76

Sampling Method (Peristaltic) / Submersible

Sampling Start 0844

Sampling End 0920

Well Volume 2.75 Gal Purged

Start Purge: 0810

Purge Rate: 250 ml/min

DUP-2 also collected

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	cloudy 50s
Personnel	JHW, TB	Date	2/10/15

Well

Well ID	MW-106	Depth to Water	7.61
Permit #		Depth to Product	-
Construction Material	PVC	TOC Elevation	40.34
Diameter	2"	PID Reading	0.0
Completion	Flush mount	Screened Interval	7-17
Total Depth	17	Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance µs/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	1510	0.580	0.00	-92	6.78	53.7	13.54	8.03
	1515	0.599	0.00	-110	6.77	25.2	13.54	8.17
	1520	0.589	0.00	-115	6.76	14.5	13.59	8.31
	1525	0.581	0.00	-116	6.75	9.1	13.73	8.38
	1530	0.578	0.00	-117	6.75	3.2	13.79	8.42
	1535	0.571	0.00	-118	6.75	7.6	13.81	8.45

Sampling Method: Peristaltic / Submersible (JHW)

Sampling Start: 1536

Sampling End: 1542

Well Volume: 1.3 gal

~~Fairly~~ Clear, light yellow biological sheen, sulfur odor

Purge start 1505

250 ml/minute

~ 3 gallons purged

2.5 gpm

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	50's Overcast
Personnel	JHW, TS	Date	2/10 /15

Well

Well ID	MW107	Depth to Water	1.02'
Permit #		Depth to Product	
Construction Material	PVC	TOC Elevation	36.74
Diameter	2"	PID Reading	0.0
Completion	flush mount	Screened Interval	4.6 - 14.6
Total Depth	14.6	Development Rate	

Purge/Sampling

Parameter Units	Time	Specific Conductance µs/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	1145	0.165	0.00	-108	7.15	18.7	9.67	1.23
	1150	0.165	0.00	-131	7.22	14.8	9.35	1.24
	1155	0.167	0.00	-135	7.22	11.5	9.27	1.25
	1200	0.166	0.00	-136	7.22	9.7	9.27	1.25
	1205	0.164	0.00	-137	7.22	8.0	9.18	1.25
	1210	0.163	0.00	-135	7.23	7.1	9.19	1.25

Collected Duplicate

Sampling Method (Peristaltic) / Submersible

Well Volume 2.1 gal

Sampling Start 1211

Sampling End 1235 incl DUP/clear water, no color or odor

Start Purge 1140 300 ml/minute

2.5 gallons Purged

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	Overcast
Personnel	M. DeGroot, T. Snook, J. Akins	Date	2/ 11 /15

Well

Well ID	MW-108	Depth to Water	6.60
Permit #	BHV 837	Depth to Product	—
Construction Material	PVC	TOC Elevation	
Diameter	1"	PID Reading	69.3
Completion	Flush Mount	Screened Interval	6-16
Total Depth		Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance ms/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	1011	0.504	0.53	0.74	6.76	148	18.17	NM
	1016	0.487	0.48	-109	6.80	76.4	18.69	NM
	1021	0.479	0.42	-122	6.82	16.4	18.83	NM
	1026	0.479	0.40	-130	6.83	9.7	18.82	NM
	1031	0.473	0.40	-132	6.83	9.0	18.80	NM
	1036	0.477	0.39	-138	6.84	7.7	18.75	NM

Sampling Method: Peristaltic / Submersible

Sampling Start: 1038

Sampling End: 1052

Well Volume Gallons Purged: 2.5

Start Purge: 1006

~~Stop Purge~~ :

Purge Rate: 250 ml/min

Monitoring Well Purge & Sample Form

Site

Project Number	302.REX	Site	Rexam - Kent, WA
Project Manager	Mark Roman	Weather	cloudy 50s
Personnel	JHW, TS	Date	2/10/15

Well

Well ID	MW201	Depth to Water	5.28
Permit #		Depth to Product	—
Construction Material	PVC	TOC Elevation	37.22
Diameter	2"	PID Reading	0.0
Completion	Flush mount	Screened Interval	58.5 - 63.5
Total Depth	63.5	Development Rate	

Purge/Sampling

Parameter / Units	Time	Specific Conductance µs/cm	Dissolved Oxygen mg/L	ORP mV	pH S.U.	Turbidity NTU	Temperature °C	Depth to Water feet
	1306	0.329	0.00	-105	7.34	730	12.606	5.39
	1311	0.328	0.00	-125	7.40	580	12.93	5.39
	1316	0.328	0.00	-127	7.40	515	13.13	5.39
	1321	0.328	0.00	-126	7.39	498	13.29	5.39
	1326	0.329	0.00	-127	7.40	471	13.42	5.39
	1331	0.328	0.00	-127	7.40	447	13.53	5.39
	1336	0.327	0.00	-128	7.41	410	13.62	5.40
	1341	0.325	0.00	-128	7.42	260	13.71	5.40
	1346	0.325	0.00	-129	7.42	161	13.77	5.40
	1351	0.324	0.00	-129	7.42	120	13.83	5.40
	1356	0.324	0.00	-128	7.42	109	13.87	5.40
	1401	0.323	0.00	-128	7.40	111	13.92	5.40
	1406	0.323	0.00	-127	7.39	112	13.95	5.40

Sampling Method Peristaltic / (Submersible) Well Volume 9.3 gal

Sampling Start 1406

Sampling End 1409

gray, turbid, later clear color, no odor

start purge 1300 Pump set at 61 400 ml/minute

4.5 gallons 7.5 total purge

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 21

Laboratory Deliverables Package, February 2015

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
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www.friedmanandbruya.com

February 27, 2015

Mark Roman, Project Manager
Envision Environmental, Inc.
11 Sleepy Hollow Ct.
Allentown, NJ 08501

Dear Mr. Roman:

Included are the results from the testing of material submitted on February 11, 2015 from the RBCC-Kent 302.REX, F&BI 502163 project. There are 74 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 should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
NAA0227R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on February 11, 2015 by Friedman & Bruya, Inc. from the Envision Environmental RBCC-Kent 302.REX, F&BI 502163 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Envision Environmental
502163 -01	TB
502163 -02	ETMW-3
502163 -03	ETMW-2
502163 -04	ETMW-7
502163 -05	MW-103
502163 -06	MW-107
502163 -07	MW-104
502163 -08	MW-201
502163 -09	FB
502163 -10	MW-101
502163 -11	MW-106
502163 -12	Dup
502163 -13	TB2
502163 -14	MW-105R
502163 -15	MW-102
502163 -16	FB2
502163 -17	MW-108
502163 -18	Dup2

Samples MW-107, MW-101, DUP, MW-105R, MW-102, MW-108, and DUP2 were sent to Aquatic Research for TDS analysis. Review of the enclosed report indicates that all quality assurance were acceptable.

Several compounds in the 8260C matrix spike, laboratory control sample and laboratory control sample duplicate exceeded the acceptance criteria. The data were flagged accordingly.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	TB	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-01
Date Analyzed:	02/12/15	Data File:	021210.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,4-Dioxane-d8	84	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	<0.40

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	ETMW-3	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-02
Date Analyzed:	02/12/15	Data File:	021214.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	97	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	<0.40

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	ETMW-2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-03
Date Analyzed:	02/12/15	Data File:	021215.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	98	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	1.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	ETMW-7	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-04
Date Analyzed:	02/12/15	Data File:	021216.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	103	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	8.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-103	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-05
Date Analyzed:	02/12/15	Data File:	021217.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	103	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	6.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-107	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-06
Date Analyzed:	02/12/15	Data File:	021218.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	125	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	0.58

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-104	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-07
Date Analyzed:	02/12/15	Data File:	021219.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	108	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	<0.40

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-201	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-08
Date Analyzed:	02/12/15	Data File:	021220.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	100	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	<0.40

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	FB	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-09
Date Analyzed:	02/12/15	Data File:	021211.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	91	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	<0.40

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-101	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-10 1/10
Date Analyzed:	02/13/15	Data File:	021318.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	102	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	61

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-106	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-11 1/100
Date Analyzed:	02/13/15	Data File:	021316.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	118	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	200

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	Dup	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-12
Date Analyzed:	02/13/15	Data File:	021315.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	110	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	0.47

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	TB2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-13
Date Analyzed:	02/12/15	Data File:	021212.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	81	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	<0.40

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-105R	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-14 1/10
Date Analyzed:	02/13/15	Data File:	021319.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	108	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	40

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-102	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-15 1/100
Date Analyzed:	02/13/15	Data File:	021313.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	102	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	330

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	FB2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-16
Date Analyzed:	02/12/15	Data File:	021213.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	83	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	<0.40

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	MW-108	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-17 1/200
Date Analyzed:	02/13/15	Data File:	021317.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	106	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	850

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	Dup2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-18 1/10
Date Analyzed:	02/13/15	Data File:	021320.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	97	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	40

Analysis For Volatile Compounds By EPA Method 8260C SIM

Client Sample ID:	Method Blank	Client:	Envision Environmental
Date Received:	Not Applicable	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	05-0286 mb
Date Analyzed:	02/12/15	Data File:	021209.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Limit:	Limit:
1,4-Dioxane-d8	95	50	150

Compounds:	Concentration ug/L (ppb)
1,4-Dioxane	<0.40

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TB	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-01
Date Analyzed:	02/12/15	Data File:	021211.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	101	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	TB	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-01
Date Analyzed:	02/12/15	Data File:	021211.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	101	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	ETMW-3	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-02
Date Analyzed:	02/12/15	Data File:	021215.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	100	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	ETMW-3	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-02
Date Analyzed:	02/12/15	Data File:	021215.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	100	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	ETMW-2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-03
Date Analyzed:	02/12/15	Data File:	021225.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	100	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	ETMW-2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-03
Date Analyzed:	02/12/15	Data File:	021225.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	100	76	126

Tentative ID	CAS #	Qual.	Conc.
Benzene, 2-propenyl-	000300-57-2	74	51
Benzene, 1-ethyl-3-methyl-	000620-14-4	94	24

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	ETMW-7	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-04
Date Analyzed:	02/12/15	Data File:	021226.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	98	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	0.77	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	ETMW-7	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-04
Date Analyzed:	02/12/15	Data File:	021226.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	98	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-103	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-05
Date Analyzed:	02/12/15	Data File:	021227.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	96	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	0.31	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-103	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-05
Date Analyzed:	02/12/15	Data File:	021227.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	96	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-107	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-06
Date Analyzed:	02/12/15	Data File:	021228.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	94	93	107
4-Bromofluorobenzene	99	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-107	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-06
Date Analyzed:	02/12/15	Data File:	021228.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	94	93	107
4-Bromofluorobenzene	99	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-104	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-07
Date Analyzed:	02/12/15	Data File:	021229.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	100	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-104	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-07
Date Analyzed:	02/12/15	Data File:	021229.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	100	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-201	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-08
Date Analyzed:	02/12/15	Data File:	021230.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	98	93	107
4-Bromofluorobenzene	98	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-201	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-08
Date Analyzed:	02/12/15	Data File:	021230.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	98	93	107
4-Bromofluorobenzene	98	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	FB	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-09
Date Analyzed:	02/12/15	Data File:	021212.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	101	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	FB	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-09
Date Analyzed:	02/12/15	Data File:	021212.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	101	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-101	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-10
Date Analyzed:	02/12/15	Data File:	021231.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	99	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	2.1	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	1.3	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	1.2
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-101	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-10
Date Analyzed:	02/12/15	Data File:	021231.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	99	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-106	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-11
Date Analyzed:	02/12/15	Data File:	021232.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	101	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	0.23	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	430 ve	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	1.1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-106	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-11
Date Analyzed:	02/12/15	Data File:	021232.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	101	76	126

Tentative ID	CAS #	Qual.	Conc.
Benzene, 1-ethenyl-2-methyl-	000611-15-4	62	5.0

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-106	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-11 1/10
Date Analyzed:	02/14/15	Data File:	021343.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	98	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	1,3-Dichloropropane	<10
Chloromethane	<100	Tetrachloroethene	<10
Vinyl chloride	<2	Dibromochloromethane	<10
Bromomethane	<10	1,2-Dibromoethane (EDB)	<10
Chloroethane	420	Chlorobenzene	<10
Trichlorofluoromethane	<10	Ethylbenzene	<10
Acetone	<100	1,1,1,2-Tetrachloroethane	<10
1,1-Dichloroethene	<10	m,p-Xylene	<20
Methylene chloride	<50	o-Xylene	<10
Methyl t-butyl ether (MTBE)	<10	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	<10
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	<10
cis-1,2-Dichloroethene	<10	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	<10
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon tetrachloride	<10	tert-Butylbenzene	<10
Benzene	<3.5	1,2,4-Trimethylbenzene	<10
Trichloroethene	<10	sec-Butylbenzene	<10
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<100
Toluene	<10	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	<10
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-106	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-11 1/10
Date Analyzed:	02/14/15	Data File:	021343.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	98	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Dup	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-12
Date Analyzed:	02/12/15	Data File:	021233.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	100	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	Dup	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-12
Date Analyzed:	02/12/15	Data File:	021233.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	100	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TB2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-13
Date Analyzed:	02/12/15	Data File:	021213.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	95	93	107
4-Bromofluorobenzene	99	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	TB2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-13
Date Analyzed:	02/12/15	Data File:	021213.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	95	93	107
4-Bromofluorobenzene	99	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-105R	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-14
Date Analyzed:	02/12/15	Data File:	021234.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	99	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	1.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	770 ve	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	93	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	1.1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-105R	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-14
Date Analyzed:	02/12/15	Data File:	021234.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	99	76	126

Tentative ID	CAS #	Qual.	Conc.
Ethane, 1,2-dichloro-1,1,2-trifluoro-	000354-23-4	91	5.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-105R	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-14 1/20
Date Analyzed:	02/14/15	Data File:	021344.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	101	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<20	1,3-Dichloropropane	<20
Chloromethane	<200	Tetrachloroethene	<20
Vinyl chloride	<4	Dibromochloromethane	<20
Bromomethane	<20	1,2-Dibromoethane (EDB)	<20
Chloroethane	790	Chlorobenzene	<20
Trichlorofluoromethane	<20	Ethylbenzene	<20
Acetone	<200	1,1,1,2-Tetrachloroethane	<20
1,1-Dichloroethene	<20	m,p-Xylene	<40
Methylene chloride	<100	o-Xylene	<20
Methyl t-butyl ether (MTBE)	<20	Styrene	<20
trans-1,2-Dichloroethene	<20	Isopropylbenzene	<20
1,1-Dichloroethane	96	Bromoform	<20
2,2-Dichloropropane	<20	n-Propylbenzene	<20
cis-1,2-Dichloroethene	<20	Bromobenzene	<20
Chloroform	<20	1,3,5-Trimethylbenzene	<20
2-Butanone (MEK)	<200	1,1,2,2-Tetrachloroethane	<20
1,2-Dichloroethane (EDC)	<20	1,2,3-Trichloropropane	<20
1,1,1-Trichloroethane	<20	2-Chlorotoluene	<20
1,1-Dichloropropene	<20	4-Chlorotoluene	<20
Carbon tetrachloride	<20	tert-Butylbenzene	<20
Benzene	<7	1,2,4-Trimethylbenzene	<20
Trichloroethene	<20	sec-Butylbenzene	<20
1,2-Dichloropropane	<20	p-Isopropyltoluene	<20
Bromodichloromethane	<20	1,3-Dichlorobenzene	<20
Dibromomethane	<20	1,4-Dichlorobenzene	<20
4-Methyl-2-pentanone	<200	1,2-Dichlorobenzene	<20
cis-1,3-Dichloropropene	<20	1,2-Dibromo-3-chloropropane	<200
Toluene	<20	1,2,4-Trichlorobenzene	<20
trans-1,3-Dichloropropene	<20	Hexachlorobutadiene	<20
1,1,2-Trichloroethane	<20	Naphthalene	<20
2-Hexanone	<200	1,2,3-Trichlorobenzene	<20

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-105R	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-14 1/20
Date Analyzed:	02/14/15	Data File:	021344.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	101	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-102	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-15
Date Analyzed:	02/12/15	Data File:	021235.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	100	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	180 ve	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	4.4	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	0.42	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-102	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-15
Date Analyzed:	02/12/15	Data File:	021235.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	100	76	126

Tentative ID	CAS #	Qual.	Conc.
Ethane, 1,1'-thiobis-	000352-93-2	94	12
Ethanethiol	000075-08-1	91	9.2
1-Propene, 2-chloro-	000557-98-2	70	6.7
1,3-Butadiene, 2-chloro-	000126-99-8	50	5.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-102	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-15 1/10
Date Analyzed:	02/14/15	Data File:	021345.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	98	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	1,3-Dichloropropane	<10
Chloromethane	<100	Tetrachloroethene	<10
Vinyl chloride	<2	Dibromochloromethane	<10
Bromomethane	<10	1,2-Dibromoethane (EDB)	<10
Chloroethane	180	Chlorobenzene	<10
Trichlorofluoromethane	<10	Ethylbenzene	<10
Acetone	<100	1,1,1,2-Tetrachloroethane	<10
1,1-Dichloroethene	<10	m,p-Xylene	<20
Methylene chloride	<50	o-Xylene	<10
Methyl t-butyl ether (MTBE)	<10	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	<10
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	<10
cis-1,2-Dichloroethene	<10	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	<10
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon tetrachloride	<10	tert-Butylbenzene	<10
Benzene	<3.5	1,2,4-Trimethylbenzene	<10
Trichloroethene	<10	sec-Butylbenzene	<10
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<100
Toluene	<10	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	<10
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-102	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-15 1/10
Date Analyzed:	02/14/15	Data File:	021345.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	98	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	FB2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-16
Date Analyzed:	02/12/15	Data File:	021214.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	98	93	107
4-Bromofluorobenzene	101	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	FB2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-16
Date Analyzed:	02/12/15	Data File:	021214.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	85	117
Toluene-d8	98	93	107
4-Bromofluorobenzene	101	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-108	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-17
Date Analyzed:	02/19/15	Data File:	021925.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	100	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	6.3	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	440 ve	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	19	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	1.3
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	270 ve	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	1.2 jl
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	2.0	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	270 ve	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	3.8
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	2.9	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-108	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-17
Date Analyzed:	02/19/15	Data File:	021925.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	100	76	126

Tentative ID	CAS #	Qual.	Conc.
Butane, 1,3-dichloro-	001190-22-3	90	16
Benzene, 1-propenyl-	000637-50-3	38	5.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-108	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-17 1/5
Date Analyzed:	02/19/15	Data File:	021910.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	101	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<5	1,3-Dichloropropane	<5
Chloromethane	<50	Tetrachloroethene	<5
Vinyl chloride	9.9	Dibromochloromethane	<5
Bromomethane	<5	1,2-Dibromoethane (EDB)	<5
Chloroethane	530	Chlorobenzene	<5
Trichlorofluoromethane	<5	Ethylbenzene	<5
Acetone	<50	1,1,1,2-Tetrachloroethane	<5
1,1-Dichloroethene	45	m,p-Xylene	<10
Methylene chloride	<25	o-Xylene	<5
Methyl t-butyl ether (MTBE)	<5	Styrene	<5
trans-1,2-Dichloroethene	<5	Isopropylbenzene	<5
1,1-Dichloroethane	490	Bromoform	<5
2,2-Dichloropropane	<5	n-Propylbenzene	<5
cis-1,2-Dichloroethene	<5	Bromobenzene	<5
Chloroform	<5	1,3,5-Trimethylbenzene	<5
2-Butanone (MEK)	<50	1,1,2,2-Tetrachloroethane	<5
1,2-Dichloroethane (EDC)	<5	1,2,3-Trichloropropane	<5
1,1,1-Trichloroethane	630	2-Chlorotoluene	<5
1,1-Dichloropropene	<5	4-Chlorotoluene	<5
Carbon tetrachloride	<5	tert-Butylbenzene	<5
Benzene	<1.7	1,2,4-Trimethylbenzene	5.7
Trichloroethene	<5	sec-Butylbenzene	<5
1,2-Dichloropropane	<5	p-Isopropyltoluene	<5
Bromodichloromethane	<5	1,3-Dichlorobenzene	<5
Dibromomethane	<5	1,4-Dichlorobenzene	<5
4-Methyl-2-pentanone	<50	1,2-Dichlorobenzene	<5
cis-1,3-Dichloropropene	<5	1,2-Dibromo-3-chloropropane	<50
Toluene	<5	1,2,4-Trichlorobenzene	<5
trans-1,3-Dichloropropene	<5	Hexachlorobutadiene	<5
1,1,2-Trichloroethane	<5	Naphthalene	<5
2-Hexanone	<50	1,2,3-Trichlorobenzene	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	MW-108	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-17 1/5
Date Analyzed:	02/19/15	Data File:	021910.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	101	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Dup2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-18
Date Analyzed:	02/12/15	Data File:	021237.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	99	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	1.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	800 ve	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	94	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	1.1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	Dup2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-18
Date Analyzed:	02/12/15	Data File:	021237.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	96	93	107
4-Bromofluorobenzene	99	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Dup2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-18 1/20
Date Analyzed:	02/14/15	Data File:	021347.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	101	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<20	1,3-Dichloropropane	<20
Chloromethane	<200	Tetrachloroethene	<20
Vinyl chloride	<4	Dibromochloromethane	<20
Bromomethane	<20	1,2-Dibromoethane (EDB)	<20
Chloroethane	770	Chlorobenzene	<20
Trichlorofluoromethane	<20	Ethylbenzene	<20
Acetone	<200	1,1,1,2-Tetrachloroethane	<20
1,1-Dichloroethene	<20	m,p-Xylene	<40
Methylene chloride	<100	o-Xylene	<20
Methyl t-butyl ether (MTBE)	<20	Styrene	<20
trans-1,2-Dichloroethene	<20	Isopropylbenzene	<20
1,1-Dichloroethane	92	Bromoform	<20
2,2-Dichloropropane	<20	n-Propylbenzene	<20
cis-1,2-Dichloroethene	<20	Bromobenzene	<20
Chloroform	<20	1,3,5-Trimethylbenzene	<20
2-Butanone (MEK)	<200	1,1,2,2-Tetrachloroethane	<20
1,2-Dichloroethane (EDC)	<20	1,2,3-Trichloropropane	<20
1,1,1-Trichloroethane	<20	2-Chlorotoluene	<20
1,1-Dichloropropene	<20	4-Chlorotoluene	<20
Carbon tetrachloride	<20	tert-Butylbenzene	<20
Benzene	<7	1,2,4-Trimethylbenzene	<20
Trichloroethene	<20	sec-Butylbenzene	<20
1,2-Dichloropropane	<20	p-Isopropyltoluene	<20
Bromodichloromethane	<20	1,3-Dichlorobenzene	<20
Dibromomethane	<20	1,4-Dichlorobenzene	<20
4-Methyl-2-pentanone	<200	1,2-Dichlorobenzene	<20
cis-1,3-Dichloropropene	<20	1,2-Dibromo-3-chloropropane	<200
Toluene	<20	1,2,4-Trichlorobenzene	<20
trans-1,3-Dichloropropene	<20	Hexachlorobutadiene	<20
1,1,2-Trichloroethane	<20	Naphthalene	<20
2-Hexanone	<200	1,2,3-Trichlorobenzene	<20

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	Dup2	Client:	Envision Environmental
Date Received:	02/11/15	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	502163-18 1/20
Date Analyzed:	02/14/15	Data File:	021347.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	85	117
Toluene-d8	99	93	107
4-Bromofluorobenzene	101	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Envision Environmental
Date Received:	Not Applicable	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	05-0285 mb
Date Analyzed:	02/12/15	Data File:	021210.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	100	76	126

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

GCMS Library Search Compound Report By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Envision Environmental
Date Received:	Not Applicable	Project:	RBCC-Kent 302.REX, F&BI 502163
Date Extracted:	02/12/15	Lab ID:	05-0285 mb
Date Analyzed:	02/12/15	Data File:	021210.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	85	117
Toluene-d8	97	93	107
4-Bromofluorobenzene	100	76	126

Tentative ID	CAS #	Qual.	Conc.

Note: There were no library search compounds detected.

Date of Report: 02/27/15
Date Received: 02/11/15
Project: RBCC-Kent 302.REX, F&BI 502163
Date Extracted: NA
Date Analyzed: 02/17/15

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL SUSPENDED SOLIDS BY METHOD 2540D

Results Reported as mg/L (ppm)

Sample ID Laboratory ID	Total Suspended Solids
MW-107 502163-06	<10
MW-101 502163-10	108
Dup 502163-12	<10
MW-105R 502163-14	66.4
MW-102 502163-15	191
MW-108 502163-17	64.0
Dup2 502163-18	57.6
Method Blank	<10

Date of Report: 02/27/15
Date Received: 02/11/15
Project: RBCC-Kent 302.REX, F&BI 502163

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C SIM

Laboratory Code: 502163-15 1/100 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
1,4-Dioxane	ug/L (ppb)	2	300 ve	0 b	50-150

Laboratory Code: Laboratory Control Sample
1,4-Dioxane-d8

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
1,4-Dioxane	ug/L (ppb)	2	98	99	70-130	1

Date of Report: 02/27/15
Date Received: 02/11/15
Project: RBCC-Kent 302.REX, F&BI 502163

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 502163-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	ug/L (ppb)	50	<1	93	55-144
Chloromethane	ug/L (ppb)	50	<10	92	67-131
Vinyl chloride	ug/L (ppb)	50	<0.2	97	61-139
Bromomethane	ug/L (ppb)	50	<1	126	66-129
Chloroethane	ug/L (ppb)	50	<1	110	68-126
Trichlorofluoromethane	ug/L (ppb)	50	<1	100	71-128
Acetone	ug/L (ppb)	250	<10	103	48-149
1,1-Dichloroethene	ug/L (ppb)	50	<1	100	71-123
Methylene chloride	ug/L (ppb)	50	<5	105	61-126
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	<1	108	68-125
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	103	72-122
1,1-Dichloroethane	ug/L (ppb)	50	<1	104	79-113
2,2-Dichloropropane	ug/L (ppb)	50	<1	98	58-132
cis-1,2-Dichloroethene	ug/L (ppb)	50	<1	106	73-119
Chloroform	ug/L (ppb)	50	<1	104	80-112
2-Butanone (MEK)	ug/L (ppb)	250	<10	111	69-123
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	102	78-113
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	103	79-116
1,1-Dichloropropene	ug/L (ppb)	50	<1	105	67-121
Carbon tetrachloride	ug/L (ppb)	50	<1	106	72-123
Benzene	ug/L (ppb)	50	<0.35	99	79-109
Trichloroethene	ug/L (ppb)	50	<1	103	75-109
1,2-Dichloropropane	ug/L (ppb)	50	<1	110	80-111
Bromodichloromethane	ug/L (ppb)	50	<1	109	78-117
Dibromomethane	ug/L (ppb)	50	<1	108	80-112
4-Methyl-2-pentanone	ug/L (ppb)	250	<10	120	79-123
cis-1,3-Dichloropropene	ug/L (ppb)	50	<1	115	76-120
Toluene	ug/L (ppb)	50	<1	104	73-117
trans-1,3-Dichloropropene	ug/L (ppb)	50	<1	117	75-122
1,1,2-Trichloroethane	ug/L (ppb)	50	<1	110	81-111
2-Hexanone	ug/L (ppb)	250	<10	108	75-126
1,3-Dichloropropane	ug/L (ppb)	50	<1	105	81-111
Tetrachloroethene	ug/L (ppb)	50	<1	101	72-113
Dibromochloromethane	ug/L (ppb)	50	<1	110	69-129
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	<1	109	83-114
Chlorobenzene	ug/L (ppb)	50	<1	102	75-115
Ethylbenzene	ug/L (ppb)	50	<1	108	71-120
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	<1	112	78-122
m,p-Xylene	ug/L (ppb)	100	<2	110	63-128
o-Xylene	ug/L (ppb)	50	<1	111	64-129
Styrene	ug/L (ppb)	50	<1	113	70-122
Isopropylbenzene	ug/L (ppb)	50	<1	114	76-118
Bromoform	ug/L (ppb)	50	<1	106	49-138
n-Propylbenzene	ug/L (ppb)	50	<1	108	74-117
Bromobenzene	ug/L (ppb)	50	<1	106	70-121
1,3,5-Trimethylbenzene	ug/L (ppb)	50	<1	116 vo	83-112
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	<1	104	79-120
1,2,3-Trichloropropane	ug/L (ppb)	50	<1	100	72-119
2-Chlorotoluene	ug/L (ppb)	50	<1	106	77-114
4-Chlorotoluene	ug/L (ppb)	50	<1	109	81-109
tert-Butylbenzene	ug/L (ppb)	50	<1	122 vo	81-116
1,2,4-Trimethylbenzene	ug/L (ppb)	50	<1	114	74-118
sec-Butylbenzene	ug/L (ppb)	50	<1	118	77-118
p-Isopropyltoluene	ug/L (ppb)	50	<1	114	64-132
1,3-Dichlorobenzene	ug/L (ppb)	50	<1	103	81-111
1,4-Dichlorobenzene	ug/L (ppb)	50	<1	103	78-110
1,2-Dichlorobenzene	ug/L (ppb)	50	<1	104	81-111
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	<10	106	69-129
1,2,4-Trichlorobenzene	ug/L (ppb)	50	<1	105	74-115
Hexachlorobutadiene	ug/L (ppb)	50	<1	103	67-120
Naphthalene	ug/L (ppb)	50	<1	117	63-136
1,2,3-Trichlorobenzene	ug/L (ppb)	50	<1	107	79-115

Date of Report: 02/27/15
Date Received: 02/11/15
Project: RBCC-Kent 302.REX, F&BI 502163

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER 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)
Dichlorodifluoromethane	ug/L (ppb)	50	100	100	54-149	0
Chloromethane	ug/L (ppb)	50	90	88	67-133	2
Vinyl chloride	ug/L (ppb)	50	98	96	73-132	2
Bromomethane	ug/L (ppb)	50	121	118	69-123	3
Chloroethane	ug/L (ppb)	50	108	107	68-126	1
Trichlorofluoromethane	ug/L (ppb)	50	97	97	70-132	0
Acetone	ug/L (ppb)	250	104	106	44-145	2
1,1-Dichloroethene	ug/L (ppb)	50	99	101	75-119	2
Methylene chloride	ug/L (ppb)	50	99	101	63-132	2
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	104	107	70-122	3
trans-1,2-Dichloroethene	ug/L (ppb)	50	100	101	76-118	1
1,1-Dichloroethane	ug/L (ppb)	50	100	101	80-116	1
2,2-Dichloropropane	ug/L (ppb)	50	101	97	62-141	4
cis-1,2-Dichloroethene	ug/L (ppb)	50	102	104	81-111	2
Chloroform	ug/L (ppb)	50	100	103	81-109	3
2-Butanone (MEK)	ug/L (ppb)	250	121	121	53-140	0
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	98	100	79-109	2
1,1,1-Trichloroethane	ug/L (ppb)	50	99	99	80-116	0
1,1-Dichloropropene	ug/L (ppb)	50	103	104	78-112	1
Carbon tetrachloride	ug/L (ppb)	50	103	105	72-128	2
Benzene	ug/L (ppb)	50	97	98	81-108	1
Trichloroethene	ug/L (ppb)	50	99	101	77-108	2
1,2-Dichloropropane	ug/L (ppb)	50	108	108	82-109	0
Bromodichloromethane	ug/L (ppb)	50	104	110	76-120	6
Dibromomethane	ug/L (ppb)	50	104	107	80-110	3
4-Methyl-2-pentanone	ug/L (ppb)	250	127	124	59-142	2
cis-1,3-Dichloropropene	ug/L (ppb)	50	117	118	76-128	1
Toluene	ug/L (ppb)	50	101	105	83-108	4
trans-1,3-Dichloropropene	ug/L (ppb)	50	121	122	76-128	1
1,1,2-Trichloroethane	ug/L (ppb)	50	110	111 vo	82-110	1
2-Hexanone	ug/L (ppb)	250	118	110	53-145	7
1,3-Dichloropropane	ug/L (ppb)	50	108	109	83-110	1
Tetrachloroethene	ug/L (ppb)	50	100	103	78-109	3
Dibromochloromethane	ug/L (ppb)	50	111	114	63-140	3
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	113	113	85-113	0
Chlorobenzene	ug/L (ppb)	50	100	102	84-108	2
Ethylbenzene	ug/L (ppb)	50	106	107	84-110	1
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	106	112	76-125	6
m,p-Xylene	ug/L (ppb)	100	108	109	84-112	1
o-Xylene	ug/L (ppb)	50	108	111	82-113	3
Styrene	ug/L (ppb)	50	113	113	84-116	0
Isopropylbenzene	ug/L (ppb)	50	109	112	81-122	3
Bromoform	ug/L (ppb)	50	108	109	40-161	1
n-Propylbenzene	ug/L (ppb)	50	109	111	81-115	2
Bromobenzene	ug/L (ppb)	50	106	108	80-113	2
1,3,5-Trimethylbenzene	ug/L (ppb)	50	114	119 vo	83-117	4
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	107	108	79-118	1
1,2,3-Trichloropropane	ug/L (ppb)	50	105	106	74-116	1
2-Chlorotoluene	ug/L (ppb)	50	104	107	79-112	3
4-Chlorotoluene	ug/L (ppb)	50	109	110	81-113	1
tert-Butylbenzene	ug/L (ppb)	50	117	124 vo	81-119	6
1,2,4-Trimethylbenzene	ug/L (ppb)	50	112	115	83-116	3
sec-Butylbenzene	ug/L (ppb)	50	115	120 vo	83-116	4
p-Isopropyltoluene	ug/L (ppb)	50	112	116	82-119	4
1,3-Dichlorobenzene	ug/L (ppb)	50	102	104	83-111	2
1,4-Dichlorobenzene	ug/L (ppb)	50	102	103	82-109	1
1,2-Dichlorobenzene	ug/L (ppb)	50	100	105	83-111	5
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	108	116	62-133	7
1,2,4-Trichlorobenzene	ug/L (ppb)	50	101	106	77-117	5
Hexachlorobutadiene	ug/L (ppb)	50	97	106	74-118	9
Naphthalene	ug/L (ppb)	50	112	120	75-131	7
1,2,3-Trichlorobenzene	ug/L (ppb)	50	101	108	82-115	7

Date of Report: 02/27/15
Date Received: 02/11/15
Project: RBCC-Kent 302.REX, F&BI 502163

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL SUSPENDED SOLIDS BY METHOD 2540D

Laboratory Code: 502163-12 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
TSS	mg/L (ppm)	<10	<10	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
TSS	mg/L (ppb)	50	113	122	61-131	8

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.

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 the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. 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 laboratory control sample(s) percent recovery and/or RPD were 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 analyte 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 with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

AMTEST LABORATORIES

Professional Analytical Services

Feb 26 2015
Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Attention: MICHAEL ERDAHL

Dear MICHAEL ERDAHL:

Enclosed please find the analytical data for your 502163 project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
MW-107	Water	15-A002053	CONV
MW-101	Water	15-A002054	CONV
DUP	Water	15-A002055	CONV
MW-105R	Water	15-A002056	CONV
MW-102	Water	15-A002057	CONV
DUP2	Water	15-A002058	CONV
MW-108	Water	15-A002059	CONV

Your samples were received on Friday, February 13, 2015. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to conact me.

Sincerely,

Aaron W. Young
Laboratory Manager

PO Number: D-401

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

AMTEST LABORATORIES

Professional Analytical Services

ANALYSIS REPORT

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Attention: MICHAEL ERDAHL
Project Name: 502163
PO Number: D-401
All results reported on an as received basis.

Date Received: 02/13/15
Date Reported: 2/26/15

AMTEST Identification Number **15-A002053**
Client Identification **MW-107**
Sampling Date **02/10/15, 12:35**

Conventionals

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Dissolved Solids	120	mg/l		1	SM 2540C	BP	02/18/15

AMTEST Identification Number **15-A002054**
Client Identification **MW-101**
Sampling Date **02/10/15, 15:22**

Conventionals

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Dissolved Solids	280	mg/l		1	SM 2540C	BP	02/18/15

AMTEST Identification Number **15-A002055**
Client Identification **DUP**
Sampling Date **02/10/15**

Conventionals

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Dissolved Solids	120	mg/l		1	SM 2540C	BP	02/18/15

AMTEST Identification Number **15-A002056**
Client Identification **MW-105R**
Sampling Date **02/11/15, 08:49**

Conventionals

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Dissolved Solids	280	mg/l		1	SM 2540C	BP	02/18/15

AMTEST Identification Number **15-A002057**
Client Identification **MW-102**
Sampling Date **02/11/15, 09:01**

Conventionals

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Dissolved Solids	510	mg/l		1	SM 2540C	BP	02/18/15

AMTEST Identification Number **15-A002058**
Client Identification **DUP2**
Sampling Date **02/11/15**

Conventionals

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Dissolved Solids	300	mg/l		1	SM 2540C	BP	02/18/15

AMTEST Identification Number **15-A002059**
Client Identification **MW-108**
Sampling Date **02/11/15, 10:35**

Conventionals

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Dissolved Solids	340	mg/l		1	SM 2540C	BP	02/18/15

Aaron W. Young
Laboratory Manager

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

AMTEST LABORATORIES

Professional Analytical Services

QC Summary for sample numbers: 15-A002053 to 15-A002059

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
15-A001939	Total Dissolved Solids	mg/l	40.	48.	18.
15-A002067	Total Dissolved Solids	mg/l	120	130	8.0

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Dissolved Solids	mg/l	350	370	106. %

BLANKS

ANALYTE	UNITS	RESULT
Total Dissolved Solids	mg/l	< 1

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

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

SUBCONTRACTER Anatest

PROJECT NAME/NO.	PO #
502163	D-401

REMARKS

Please Email Results

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	Matrix	# of jars	Dioxins and Furans by 8290	EPH	VPH	Nitrate	Sulfate	Alkalinity	TDS				Notes
MW-107 2053		2/10/15	1235	water	1							X				
MW-101 2054		"	1522	"	1							X				
DUP 2055		"	—	"	1							X				
MW-105R 2056		2/11/15	0849	"	1							X				
MW-102 2057		"	0901	"	1							X				
DUP2 2058		"	—	"	1							X				
MW-108 2059		2/11/15	1038	"	1							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:		Michael Erdahl	Friedman & Bruya	2/13/15	9:07.
Received by:	AB		"	2/13/15	11:09
Relinquished by:					
Received by:					

1.2°C Fedex

502163

SAMPLE CHAIN OF CUSTODY

ME 02/11/15 AIG/15

Page # 2 of 2

Send Report To Mark Roman

Company Envision Environmental, Inc.

Address 11 Sleepy Hollow Court

City, State, ZIP Allentown, NJ 08501

Phone # (609) 208-1885 Fax # (609) 208-1889

SAMPLERS (signature)

PROJECT NAME/NO. RBCC - KENT

PO# 302.REX

REMARKS: NJA MTCA Program MDLs, QC, Deliverables;
- Library search requested for VOC 8260
- 1,4-DIOXANE SHOULD BE TARGET ANALYTE

* UNPRESERVED CONTAINERS FOR VINYL CHLORIDE IN 8260

TURNAROUND TIME
- [X] Standard (2 Weeks)
- [ ] RUSH
- Rush charges authorized by

SAMPLE DISPOSAL
- [X] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	VOC 8260+15 TICs *	TSS	TDS	1,4-Dioxane			Notes
TB	01 A-D	2/10/15	—	Aqueous	4							X			X			
ETMW-3	02 A-G		0850		7							X			X			
ETMW-2	03		1020		7							X			X			
ETMW-7	04		1120		7							X			X			
MW-103	05		1234		7							X			X			
MW-107	06 A-I		1235		9							X	X	X	X			
MW-104	07 A-G		1351		7							X			X			
MW-201	08		1409		7							X			X			
FB	09		1448		7							X			X			
MW-101	10 A-I		1522		9							X	X	X	X			

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Mark DeGregory	ENVISION	2/11/15	1306
Received by:	Eric Glover	EAB	2/11/15	1306
Relinquished by:				
Received by:		Samples received at 2 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

502163

SAMPLE CHAIN OF CUSTODY

ME 02/11/15 : 9/05

Page # 2 of 2

Send Report To Mark Roman
Company Envision Environmental, Inc.
Address 11 Sleepy Hollow Court
City, State, ZIP Allentown, NJ 08501
Phone # (609) 208-1885 Fax # (609) 208-1889

SAMPLERS (signature)

PROJECT NAME/NO.: RBCC - KENT

PO#: 302.REX

REMARKS SEE PAGE 1 OF 2
* UNPRESERVED CONTAINERS FOR VINYL CHLORIDE IN 8260 ANALYSIS

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	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	VOC 8260+15 TICs *	TSS	TDS	1,4-Dioxane			Notes
MW-105	11 A-G	2/10/15	1542	Aqueous	7							X			X			
DUP	12 A-I	2/10/15	—		9							X	X	X	X			
TB2	13 A-D	2/11/15	—		4							X			X			
MW-105R	14 A-I		0849		9							X	X	X	X			
MW-102	15 A-I		0901		9							X	X	X	X			
FB2	16 A-G		0918		7							X			X			
MW-108	17 A-I		1038		9							X			X			
DUP2	18 A-I		—		9							X	X	X	X			

ANALYSES REQUESTED

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

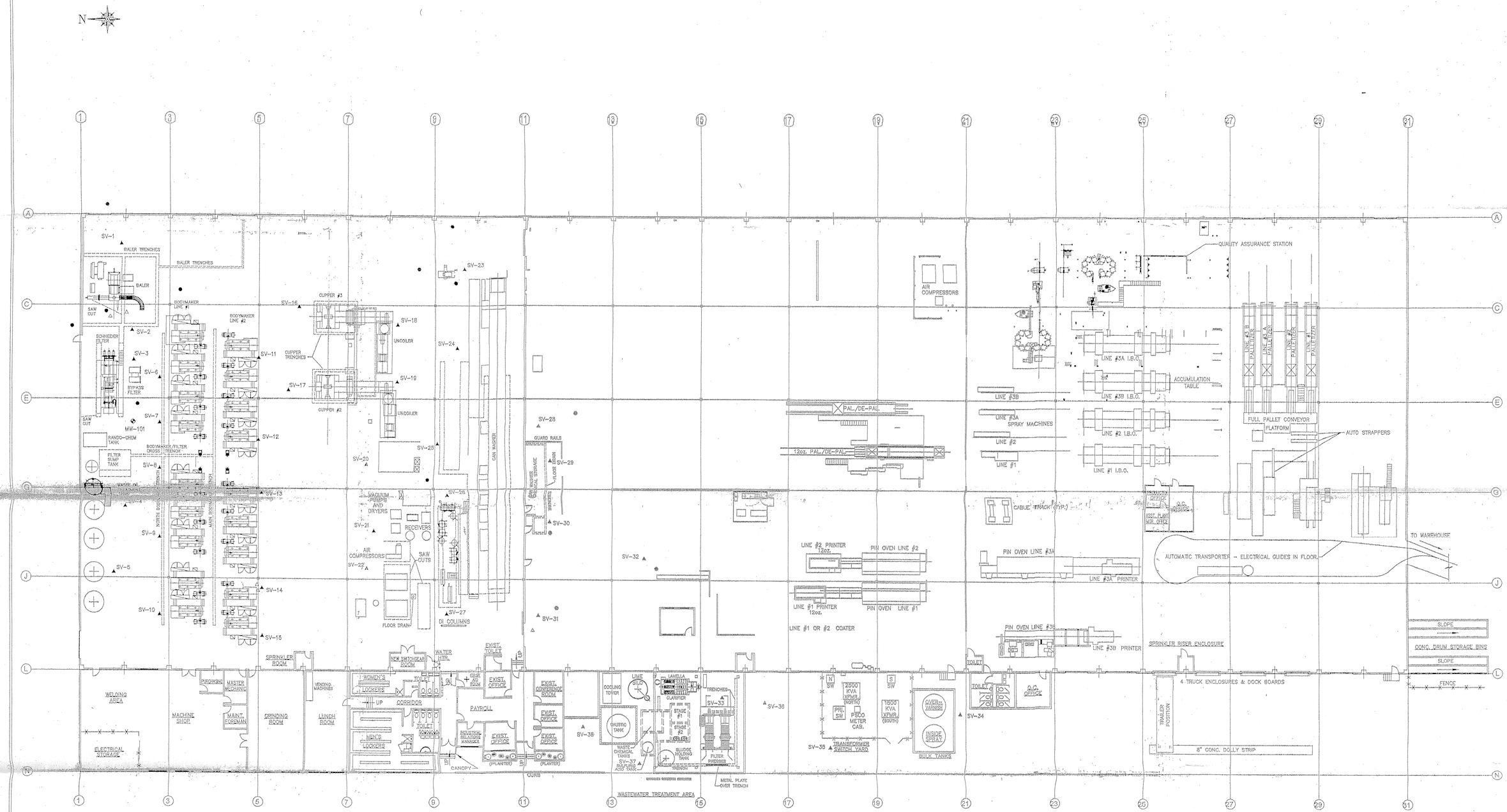
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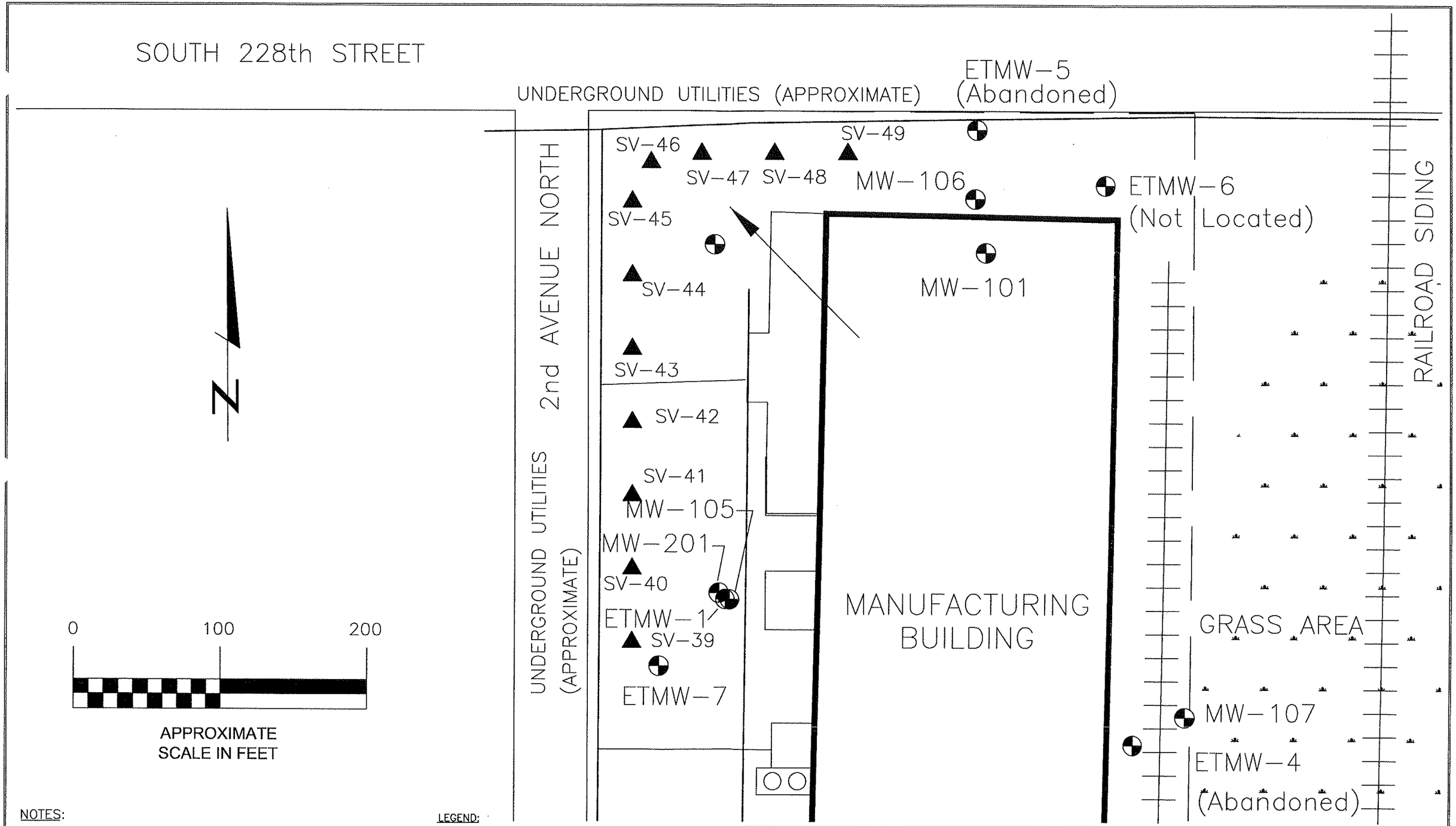
SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Mark DeGregory	ENVISION	2/11/15	1306
Received by:	Eric Foster	F&B	2/11/15	1306
Relinquished by:				
Received by:		Samples received at 2 °C		

ENVISION
ENVIRONMENTAL, INC.

APPENDIX 22

Soil Gas Sample Location Maps


N
SV-1
BALER TRENCHES
BALER
SAW CUT
SV-2
SCHNEIDER FILTER
SV-3
SV-6
BYPASS FILTER
SV-7
MW-101
RANDO-CHEM TANK
FILTER SUMP TANK
SV-8
BODYMAKER LINE #1
BODYMAKER LINE #2
BODYMAKER FILTER TRENCH
SV-11
SV-12
SV-13
SV-14
SV-15
SV-9
SV-10
SV-5
CUPPER #3
SV-16
SV-18
UNCOILER
CUPPER TRENCHES
SV-17
SV-19
CUPPER #2
UNCOILER
SV-20
SV-23
SV-24
SV-25
SV-26
VACUUM PUMPS AND DRYERS
RECEIVERS
SV-21
AIR COMPRESSORS
SV-22
SAW CUTS
FLOOR DRAIN
SV-27
DI COLUMNS
CAN WASHER
PALLETIZER
SV-28
GUARD RAILS
SV-29
CONVEYOR
SV-30
SV-31
SV-32
SV-33
TRENCHES
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SV-77



NOTES:

UTILITIES, AND RAILROAD LINES SHOWN IN APPROXIMATE LOCATIONS.

LEGEND:

—— —— = APPROXIMATE PROPERTY LINE
= GROUNDWATER MONITORING WELL
MW = MONITORING WELL INSTALLED BY ENVISION
ETMW = EARTHTECH MONITORING WELL
SV-39 ▲ = PERIMETER SOIL VAPOR POINT
= GROUNDWATER FLOW DIRECTION

Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1885 Fax: 609-208-1889

REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
PERIMETER SOIL
VAPOR SAMPLE LOCATIONS

Revisions:

Project No. 302.REX
Date: 05/26/11
Scale: As Shown
Drawing No. FIGURE 3

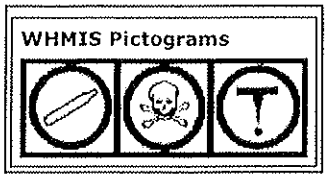
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ENVIRONMENTAL, INC.

APPENDIX 23

MSDS for Products Containing Site Contaminants of Concern

ACTIO MSDS ID: 885839

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION (N/A)

Product Name:	**Penetrating Lubricant Nonflammable**
Distributor Name:	Fastenal Company
Distributor Address:	Winona, MN 55987, USA
	Emergency Phone: 1-813-248-0585
Distributor Telephone:	1-877-Fastenal
Revision Date:	August 8, 2005
	Revision #: 1
Manufacturer Name:	Fastenal
Address:	Winona, MN 55987, USA
	Emergency Phone: 1-813-248-0585
General Use:	Product Use: Lubricant
Business Phone:	1-877-Fastenal
	NFPA 704: National Fire Protection Association
	Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme
Product Codes:	0605042

NFPA

0

2 0

0

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS : (N/A)

Ingredient Name	CAS#	Ingredient Percent
Perchloroethylene	127-18-4	60 - 100% by Weight
EC Index Number: 1		
Trichloroethylene	79-01-6	5 - 10% by Weight
EC Index Number: 1		
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	3 - 7% by Weight
EC Index Number: 1		
Carbon dioxide	124-38-9	3 - 7% by Weight
EC Index Number: 1		

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SECTION 3 : HAZARDS IDENTIFICATION : (N/A)

Emergency Overview:	WARNING CONTENTS UNDER PRESSURE. CONTAINER MAY EXPLODE IF HEATED. HARMFUL IF INHALED. HARMFUL OR FATAL IF SWALLOWED. CANCER HAZARD. CONTAINS MATERIAL WHICH MAY CAUSE CANCER. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. Do not puncture. Do not burn. Store away from heat.
Applies to All Ingredients:	
Route of Exposure:	Skin contact, skin absorption, eye contact, and inhalation.
Potential Health Effects:	See Section 11 for more information.
Eye Contact:	May irritate eyes.
Skin Contact:	May irritate skin.
Inhalation:	Harmful if inhaled. Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). Aspiration of material into lungs can cause chemical pneumonitis.
Ingestion:	May cause stomach distress, nausea or vomiting.
Chronic Health Effects:	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Target Organs:	Kidney. Spleen. Liver. Lungs.
Signs/Symptoms:	Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Aggravation of Pre-Existing Conditions:	Certain pre-existing conditions may make workers particularly susceptible to the effects of this chemical: asthma, allergies, impaired pulmonary function.
	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
	Potential Environmental Effects: See Section 12 for more information.
	This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

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SECTION 4 : FIRST AID MEASURES : (N/A)

Eye Contact:	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin Contact:	After contact with skin, wash immediately with plenty of water. Remove and wash contaminated clothing before re-use. If irritation persists, get medical attention.
Inhalation:	If breathed in, move person into fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
Ingestion:	If swallowed, call a Poison Control Centre or doctor immediately. DO NOT induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. If swallowed, rinse mouth with water (only if the person is conscious).
Note to Physicians:	Symptoms may be delayed.
	General Advice: In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

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SECTION 5 : FIRE FIGHTING MEASURES : (N/A)

Fire:	Flammability: FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): NOT FLAMMABLE. Not flammable by WHMIS criteria.
Flash Point:	(Of concentrate): Not available.

Upper Flammable or Explosive Limit:	Not available.
Lower Flammable or Explosive Limit:	Not available.
Auto Ignition Temperature:	Not available.
Extinguishing Media:	Powder, water spray, foam, carbon dioxide.
Unsuitable Media:	Not available.
Hazardous Combustion Byproducts:	Oxides of carbon. Hydrogen chloride. Phosgene. Chlorine.
Fire Fighting Instructions:	Protection of Firefighters: Pressurized container may explode when exposed to heat or flame. In case of fire and/or explosion do not breathe fumes. Firefighters should wear full protective clothing including self contained breathing apparatus.
Sensitivity to Impact:	Sensitivity to Mechanical Impact: Not available.
Static Discharge Effects:	Sensitivity to Static Discharge: Not available.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES : (N/A)

Personal Precautions:	Use personal protection recommended in Section 8. Isolate area. Remove sources of ignition. Keep unnecessary personnel away. Ruptured cylinders may rocket.
Spill Cleanup Measures:	Methods for Containment: Prevent further leakage or spillage if safe to do so. Use sand, perlite or vermiculite as an absorbent for large spills of this material. Methods for Clean-Up: Sweep up or gather material and place in appropriate container for disposal. Allow gas to dissipate into the atmosphere. Other Information: Not available.
Environmental Precautions:	Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).

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SECTION 7 : HANDLING and STORAGE : (N/A)

Handling:	Keep away from heat, open flames or other sources of ignition. Avoid contact with eyes. Avoid contact with skin. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in a well-ventilated area. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
Storage:	Keep out of the reach of children. Do not store at temperatures above 49 deg C. Store in a cool, dry, well-ventilated area. Keep away from food, drink and animal feedingstuffs.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION : (N/A)

Engineering Controls:	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
Skin Protection Description:	Wear suitable protective clothing.
Hand Protection Description:	Wear suitable gloves.
Eye/Face Protection:	Wear safety glasses with side shields.
Protective Clothing/Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
	General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Ingredient Guidelines

Ingredient: Carbon dioxide

Guideline Type:	OSHA PEL-TWA

Guideline Information:	5000 ppm
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	5000 ppm

Ingredient: Distillates (petroleum), hydrotreated heavy naphthenic

Guideline Type:	OSHA PEL-TWA
Guideline Information:	5 mg/m³ 8hrs
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	5 mg/m³ 8hrs

Ingredient: Perchloroethylene

Guideline Type:	OSHA PEL-TWA
Guideline Information:	25 ppm
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	25 ppm

Ingredient: Trichloroethylene

Guideline Type:	OSHA PEL-TWA
Guideline Information:	100 ppm
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	50 ppm

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES : (N/A)

Physical State/Appearance:	Opaque.
Color:	Brown.
Odor:	Solvent.
Physical State:	Gas/Pressurized Liquid.
pH:	(Of concentrate): Not available.
Vapor Pressure:	(Of concentrate): Not available.
Vapor Density:	(Of concentrate): Not available.
Flash Point:	(Of concentrate): Not available.
Auto Ignition Temperature:	Not available.
Upper Explosive Limit:	Not available.
Lower Explosive Limit:	Not available.
Boiling Point:	(Of concentrate): Not available.
Freezing Point:	(Of concentrate): Not available.
Solubility:	(Of concentrate): Insoluble.
Specific Gravity:	(Of concentrate): 1.44
Evaporation Point:	(Of concentrate): 2.1 (n-butyl acetate = 1)
Percent Volatile:	wt. %: Not available.
Volatile Organic Compound Content:	wt. %: 8.16
Viscosity:	(Of concentrate): Water thin.
Odor Threshold:	Not available.
Coefficient of Water/Oil Distribution:	Not available.

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SECTION 10 : STABILITY and REACTIVITY : (N/A)

Chemical Stability:	Stable under recommended storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn.
Incompatibilities with Other Materials:	Oxidizers.
Reactivity:	Conditions of Reactivity: No dangerous reaction known under conditions of normal use. Possibility of Hazardous Reactions: Will not occur.
Hazardous Decomposition Products:	Oxides of carbon. Hydrogen chloride. Phosgene. Chlorine.

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SECTION 11 : TOXICOLOGICAL INFORMATION : (N/A)

Applies to all ingredients:

Eye Effect:	May irritate eyes. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Skin Effects:	May irritate skin. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Ingestion Effects:	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Inhalation Effects:	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). Aspiration of material into lungs can cause chemical pneumonitis.
Chronic Effects:	Hazardous by WHMIS/OSHA criteria.
Carcinogenicity:	Hazardous by WHMIS/OSHA criteria.
Mutagenicity:	Hazardous by WHMIS/OSHA criteria.
Teratogenicity:	Not hazardous by WHMIS/OSHA criteria.
Embryo Toxicity:	Not hazardous by WHMIS/OSHA criteria.
Sensitization:	Respiratory Sensitization: Not hazardous by WHMIS/OSHA criteria. Skin Sensitization: Not hazardous by WHMIS/OSHA criteria.
Reproductive Toxicity:	Not hazardous by WHMIS/OSHA criteria.
Other Toxicological Information:	Target Organs: Kidney. Spleen. Liver. Lungs. Toxicologically Synergistic Materials: Not available.

Perchloroethylene :

Ingestion Effects:	ACUTE LD50 (oral): 2629 mg/kg, rat
Inhalation Effects:	ACUTE LC50: 34.2 g/m³ 8hrs, rat
Carcinogenicity:	Chemical Listed as Carcinogen or Potential: NTP: Yes IARC: Yes OSHA: No ACGIH: Yes

Trichloroethylene :

Ingestion Effects:	ACUTE LD50 (oral): 5650 mg/kg, rat
Inhalation Effects:	ACUTE LC50: Not available
Carcinogenicity:	Chemical Listed as Carcinogen or Potential: NTP: Yes IARC: Yes OSHA: No ACGIH: No

Distillates (petroleum), hydrotreated heavy naphthenic :

Ingestion Effects:	ACUTE LD50 (oral): Not available
Inhalation Effects:	ACUTE LC50: Not available
Carcinogenicity:	Chemical Listed as Carcinogen or Potential: NTP: No IARC: No OSHA: No ACGIH: No

Carbon dioxide :

Ingestion Effects:	ACUTE LD50 (oral): Not available
Inhalation Effects:	ACUTE LC50: Not available
Carcinogenicity:	Chemical Listed as Carcinogen or Potential: NTP: No IARC: No OSHA: No ACGIH: No

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SECTION 12 : ECOLOGICAL INFORMATION : (N/A)

Ecotoxicity:	This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
Bioaccumulation:	Not available.
Biodegradation:	Not available. Persistence/Degradability: Not available. Mobility in Environment: Not available.

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SECTION 13 : DISPOSAL CONSIDERATIONS : (N/A)

Waste Disposal:	This material and its container must be disposed of in a safe way. Dispose in accordance with all applicable regulations.

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SECTION 14 : TRANSPORT INFORMATION : (N/A)

DOT Hazard Class:	ORM-D
IATA:	AEROSOLS, non-flammable
IATA Hazard Class:	Class 2.2
IATA UN Number:	UN1950
Canadian Hazard Class:	Limited Quantity

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SECTION 15 : REGULATORY INFORMATION : (N/A)

Applies to All Ingredients :

TSCA 8(b): Inventory Status (Yes/No):	Yes
OSHA 29 CFR 1200:	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).
State:	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING: This product contains a chemical known to the State of California to cause cancer.
Canada WHMIS:	WHMIS Classification: Class A - Compressed Gas Class D1B - Toxic Material Class D2A - Carcinogenicity Class D2B - Mutagenicity Class D2B - Chronic Toxic Effects Class D2B - Skin/Eye Irritant Canadian: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada DSL:	Yes
Canada NDSL:	No
	NFPA 704: National Fire Protection Association: Health - 2 Fire - 0 Reactivity - 0
	Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

Perchloroethylene :

Section 304 CERCLA RQ:	100 lbs.
Section 313 Toxic Release Form (Yes/No):	Yes

Trichloroethylene :

Section 304 CERCLA RQ:	100 lbs.
Section 313 Toxic Release Form (Yes/No):	Yes

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SECTION 16 : ADDITIONAL INFORMATION : (N/A)

NFPA:

Health:	2 = moderate
Fire Hazard:	0 = minimal
Reactivity:	0 = minimal
MSDS Revision Date:	August 8, 2005
	Revision #: 1
MSDS Author:	Prepared by: Nexreg Compliance Inc. Phone: (519) 488-5126 Web: www.nexreg.ca

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

NFPA 704: National Fire Protection Association

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

Expiry Date: August 8, 2008

Formula #: A00391

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Click here to go back to MSDS

1301 E. 9th Street, #700
Cleveland OH 44114
(800) 726-9626

Barnes Distribution

Material Safety Data Sheet

MSDS Form No. : MSDS21958
Item No. : 21958

**** MATERIAL SAFETY DATA SHEET ****

HEAVY DUTY ELECTRIC MOTOR CLEANER

Part # MSDS21958

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: HEAVY DUTY ELECTRIC MOTOR CLEANER
Product CAS: (none)
Product Code:
Synonyms: 21958; HEAVY DUTY ELECTRIC MOTOR CLEANER
Company Identification:
Name: BOWMAN DISTRIBUTION
Address: 1301 E. 9TH ST., ST. 700
Address:
City: CLEVELAND State: OH Zip: 44114
For information, call: HEALTH ISSUES AND TECHNICAL INFORMATION (8AM-5PM ET): 1-216-416-7200 X 5
60
Emergency Number: ROCKY MOUNTAIN POISON CONTROL CENTER (24 HOURS EVERYDAY): 1-303-623-5716
Emergency Agency: CHEMTREC (24 HOURS EVERYDAY)
Number: 1-800-424-9300
MSDS Creation Date: 1/1/2003
Supersedes Date: 2/24/2000

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical Name	CAS	MIN	MAX
PERCHLOROETHYLENE	127-18-4	90	100
CARBON DIOXIDE	124-38-9	1	10

Miscellaneous:
NOTE: SEE BELOW FOR EXPOSURE LIMIT DATA FOR THESE INGREDIENTS.

EXPOSURE CONTROLS:

INGREDIENT	OSHA PEL	ACGIH TLV	OTHER LIMITS
PERCHLOROETHYLENE	100 PPM	25 PPM	100 PPM
CARBON DIOXIDE	5000 PPM	5000 PPM	30000 PPM

Lbs of VOC per Gallon Coating (minus water): 11.3
Coating Density (lbs/gal): 0
Solvent Density (lbs/gal): 0
Percent Solvent (volume): 0
Percent Solids (volume): 0
Percent Water (volume): 0

**** SECTION 3 - HAZARDS IDENTIFICATION ****

NFPA: Health: 2 Fire: 0 Reactivity: 0 Other: NO DATA
HMIS: Health: 1 Fire: 0 Reactivity: 0 Special Protection: *

Miscellaneous:
APPEARANCE AND ODOR: CLEAR LIQUID WITH ETHEREAL ODOR.

HMIS HAZARD RATINGS:

CATEGORY	HMIS	NFPA
PERSONAL PROT./SPECIFIC HAZ.	*	NO DATA

*SEE SECTION 8.

POTENTIAL HEALTH EFFECTS

Target Organs:
AND OTHER EFFECTS: NO DATA PROVIDED.

PRIMARY ROUTES OF EXPOSURE: INHALATION, SKIN, INGESTION.

Eye:
SEE "MISCELLANEOUS".

Skin:
SEE "MISCELLANEOUS".

Ingestion:
SEE "MISCELLANEOUS".

Inhalation:
SEE "MISCELLANEOUS".

Miscellaneous:
CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: HEART DISEASE, RESPIRATORY DISORDERS.

HEALTH HAZARDS (ACUTE AND CHRONIC - INCLUDE TARGET ORGAN EFFECTS):
MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH VAPOR CONCENTRATIONS. WILL CAUSE DEFATTING OF SKIN.

EFFECTS ARE REVERSIBLE. LONG TERM EXPOSURE (YEARS) TO HIGH CONCENTRATIONS OF VAPOR MAY CAUSE
LUNG, LIVER OR KIDNEY DAMAGE. THE SOLVENTS LISTED HAVE BEEN REPORTED TO AFFECT THE CENTRAL
NERVOUS SYSTEM. ASPIRATION HAZARD IF SWALLOWED. EYE AND SKIN IRRITANT. MAY IRRITATE RESPIRATORY
TRACT. DELIBERATELY CONCENTRATING AND INHALING THE VAPOR OF THE CONTENTS MAY BE HARMFUL OR
FATAL. PERCHLOROETHYLENE MAY CAUSE SPLEEN AND BRAIN DAMAGE.

**** SECTION 4 - FIRST AID MEASURES ****

Eye:
WASH EYES WITH WATER FOR 15 MINUTES. GET MEDICAL HELP.

Skin:
WASH SKIN WITH WATER FOR 15 MINUTES. GET MEDICAL HELP.

Ingestion:
DO NOT INDUCE VOMITING. GET MEDICAL HELP. NEVER ADMINISTER ADRENALIN FOLLOWING OVEREXPOSURE.

Inhalation:
GIVE OXYGEN. GET MEDICAL HELP.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Unusual Fire and Explosion Hazards:
HEATED CANS MAY BURST.

Special Fire Fighting Procedures:
KEEP CONTAINERS COOL. USE EQUIPMENT OR SHIELDING REQUIRED TO PROTECT AGAINST BURSTING OR
VENTING CONTAINERS.

Extinguishing Media:
CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Flash Point:
AND METHOD: NONE F

Flammable Limits:
Lower Limit:
(%) - LEL: N.D.
Upper Limit:

(%) - UEL: N.D.

AutoIgnition Temperature:
(O F):

General Information:

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Disposal:
DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA RCRA.

RCRA HAZARDOUS WASTE NUMBER: F002

Spills/Leaks:
USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL. PUT INTO CONTAINER. DISPOSE AS HAZARDOUS W
OSTE.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:
KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME.

Storage:
STORE AT TEMPERATURES BELOW 120 DEGREES F.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:
VENTILATION - LOCAL EXHAUST: YES.

Eyes:
AND FACE PROTECTION: SAFETY GLASSES.

Skin:
PROTECTIVE GLOVES: NONE REQUIRED IF SPRAYING.

Clothing:
LONG SLEEVES AND LONG PANTS.

Respirators:
USE NIOSH APPROVED RESPIRATOR IF TLV LIMIT IS EXCEEDED.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Appearance/Odor:
CLEAR LIQUID WITH ETHEREAL ODOR.

pH: N.A.
Vapor Pressure: 80 - 85 MM HG @ 70F

Vapor Density: (AIR = 1): 4.0
Evaporation Rate: (BUTYL ACETATE=1): GT 1
Viscosity:
Boiling Point: 250 F
Freezing/Melting Point:
Decomposition Temperature:
Solubility: IN WATER: NIL.
Specific Gravity: 1.6
Molecular Formula:
Molecular Weight:
Miscellaneous:
MAX %VOC BY WT. 0%, 11.3 LB./GAL.

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
STABLE.

Conditions to Avoid:
KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME.

Incompatibilities with Other Materials:
STRONG OXIDIZERS.

Hazardous Decomposition Products:
CARBON DIOXIDE, HYDROGEN CHLORIDE, AND PHOSGENE.

Hazardous Polymerization:
WILL NOT OCCUR.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Toxicological Information:
CARCINOGEN: PERCHLOROETHYLENE IS LISTED AS A CARCINOGEN BY IARC AND NTP.

CARCINOGENICITY: PERCHLOROETHYLENE IS LISTED AS A CARCINOGEN BY IARC AND NTP.

ALSO SEE SECTION 15.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecological Information:
NO DATA AVAILABLE.

**** SECTION 13 - OTHER PRECAUTIONS ****

Other Precautions:
WHEN USING MORE THAN ONE HALF CAN CONTINUOUSLY OR MORE THAN ONE CAN CONSECUTIVELY, USE NIOSH

APPROVED RESPIRATOR.

SAFE HANDLING: DO NOT SMOKE WHILE USING. WASH HANDS AFTER USE.

Work/Hygienic Practices:

**** SECTION 14 - TRANSPORT INFORMATION ****

Transportation Information:
DOT SHIPPING NAME: CONSUMER COMMODITY, ORM-D
HAZARD CLASS OR DIVISION: NONE
CARTON MARKINGS: NONE
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE
LABELS: NONE

Label Information:

**** SECTION 15 - REGULATORY INFORMATION ****

Regulatory Information:
TSCA STATUS: EACH INGREDIENT IS ON THE TSCA INVENTORY.

NSR STATUS (CANADA): NOT DETERMINED.

SARA TITLE III:

HAZARD CATEGORIES:
ACUTE HEALTH: YES
CHRONIC HEALTH: YES
FIRE HAZARD: NO
PRESSURE HAZARD: YES

REPORTABLE INGREDIENTS:
SECTION 313: PERCHLOROETHYLENE.

CERCLA RQ: 100 LBS (PERCHLOROETHYLENE)

PROPOSITION 65: WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO
CAUSE CANCER.

**** SECTION 16 - ADDITIONAL INFORMATION ****

Additional Information:
N.A. - NOT APPLICABLE N.D. - NOT DETERMINED N.E. - NOT ESTABLISHED

REVISION SUMMARY: THIS MSDS REPLACES THE JANUARY 28, 1998

MSDS. PREPARED: FEBRUARY 24, 2000.

GRAINGER
FOR THE ONES WHO GET IT DONE

[X] Close this window

Common Name: HARDHT LSPR 6PK GLOSS SAFETY YELLOW, V2143838
Manufacturer: RUST-OLEUM
MSDS Revision Date: 4/16/2008

Grainger Item Number(s): 5H898, 5W154
Manufacturer Model Number(s):

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MATERIAL SAFETY DATA SHEET

24 HOUR ASSISTANCE: 1-847-367-7700

RUST-OLEUM CORP.

WWW.RUSTOLEUM.COM

SECTION 1 - CHEMICAL PRODUCT / COMPANY INFORMATION

PRODUCT NAME: HARDHT LSPR 6PK GLOSS SAFETY YELLOW

IDENTIFICATION NUMBER: V2143838

PRODUCT USE/CLASS: TOPCOAT/AEROSOLS

REVISION DATE: 04/16/2008

SUPPLIER:
RUST-OLEUM CORPORATION
11 HAWTHORN PARKWAY
VERNON HILLS, IL 60061
USA

MANUFACTURER:
RUST-OLEUM CORPORATION
11 HAWTHORN PARKWAY
VERNON HILLS, IL 60061
USA

PREPARER: REGULATORY DEPARTMENT

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT % LESS THAN
LIQUEFIED PETROLEUM GAS	68476-86-8	30.0
ACETONE	67-64-1	25.0
N-BUTYL ACETATE	123-86-4	10.0
XYLENE	1330-20-7	10.0
TITANIUM DIOXIDE	13463-67-7	5.0
METHYL ETHYL KETONE	78-93-3	5.0
ETHYLBENZENE	100-41-4	5.0
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	5.0
PIGMENT YELLOW 17	4531-49-1	5.0

CHEMICAL NAME	ACGIH TLV-TWA	ACGHI TLV-STEL	OSHA PEL-TWA	OSHA PEL CEILING
LIQUEFIED PETROLEUM GAS	1000 PPM	N.E.	1000 PPM	N.E.
ACETONE	500 PPM	750 PPM	750 PPM	N.E.
N-BUTYL ACETATE	150 PPM	200 PPM	150 PPM	N.E.
XYLENE	100 PPM	150 PPM	100 PPM	N.E.
TITANIUM DIOXIDE	10 MG/M3	N.E.	10 MG/M3	N.E.
METHYL ETHYL KETONE	200 PPM	300 PPM	200 PPM	N.E.
ETHYLBENZENE	100 PPM	125 PPM	100 PPM	N.E.

ETHYLENE GLYCOL MONOBUTYL ETHER	20 PPM	N.E.	50 PPM	N.E.
PIGMENT YELLOW 17	2 MG/M3	N.E.	5 MG/M3	N.E.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
CONTAINS AROMATIC DISTILLATE, WHICH MAY CAUSE CANCER. CONTENTS UNDER PRESSURE. HARMFUL IF INHALED. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. HARMFUL IF SWALLOWED. EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPORS MAY CAUSE FLASH FIRE OR EXPLOSION.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CAUSES EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
MAY BE HARMFUL IF ABSORBED THROUGH SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION. SUBSTANCE MAY CAUSE SLIGHT SKIN IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION:
HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE EYES, NOSE, THROAT AND LUNGS. HARMFUL IF INHALED. HIGH GAS, VAPOR, MIST OR DUST CONCENTRATIONS MAY BE HARMFUL IF INHALED. AVOID BREATHING VAPORS OR MISTS.

EFFECTS OF OVEREXPOSURE - INGESTION:
ASPIRATION HAZARD IF SWALLOWED; CAN ENTER LUNGS AND CAUSE DAMAGE. SUBSTANCE MAY BE HARMFUL IF SWALLOWED.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:
IARC LISTS ETHYLBENZENE AS A POSSIBLE HUMAN CARCINOGEN (GROUP 2B). CONTAINS TITANIUM DIOXIDE. TITANIUM DIOXIDE IS LISTED AS A GROUP 2B-"POSSIBLY CARCINOGENIC TO HUMANS" BY IARC.

SIGNIFICANT EXPOSURE IS NOT ANTICIPATED DURING BRUSH APPLICATION OR DRYING. RISK OF OVEREXPOSURE DEPENDS ON DURATION AND LEVEL OF EXPOSURE TO DUST FROM REPEATED SANDING OF SURFACES OR SPRAY MIST AND THE ACTUAL CONCENTRATION OF TITANIUM DIOXIDE IN THE FORMULA.

MAY CAUSE CENTRAL NERVOUS SYSTEM DISORDER (E,G., NARCOSIS INVOLVING A LOSS OF COORDINATION, WEAKNESS, FATIGUE, MENTAL CONFUSION, AND BLURRED VISION) AND/OR DAMAGE. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. OVEREXPOSURE TO XYLENE IN LABORATORY ANIMALS HAS BEEN ASSOCIATED WITH LIVER ABNORMALITIES, KIDNEY, LUNG, SPLEEN, EYE AND BLOOD DAMAGE AS WELL AS REPRODUCTIVE DISORDERS. EFFECTS IN HUMANS, DUE TO CHRONIC OVEREXPOSURE, HAVE INCLUDED LIVER, CARDIAC ABNORMALITIES AND NERVOUS SYSTEM DAMAGE. OVEREXPOSURE TO METHYL ETHYL KETONE IN LABORATORY ANIMALS HAS BEEN ASSOCIATED WITH LIVER ABNORMALITIES, KIDNEY AND LUNG DAMAGE. FETOTOXIC/EMBRYOTOXIC EFFECTS FROM INHALATION HAVE BEEN SEEN IN RATS EXPOSED TO >1000 PPM DURING GESTATION.

PRIMARY ROUTE(S) OF ENTRY:
SKIN CONTACT, SKIN ABSORPTION, INHALATION, INGESTION, EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT:
HOLD EYELIDS APART AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

FIRST AID - SKIN CONTACT:
WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

FIRST AID - INHALATION:
IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ASSISTANCE IMMEDIATELY.

FIRST AID - INGESTION:
ASPIRATION HAZARD:
DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH BECAUSE THIS MATERIAL CAN ENTER THE LUNGS AND CAUSE SEVERE LUNG DAMAGE. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (SETAFLASH): -156 F

LOWER EXPLOSIVE LIMIT: 0.7 %
UPPER EXPLOSIVE LIMIT: 12.8 %

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:
WATER SPRAY MAY BE INEFFECTIVE. FLASH POINT IS LESS THAN 20 DEG. F.

EXTREMELY FLAMMABLE LIQUID AND VAPOR!

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. PERFORATION OF THE PRESSURIZED CONTAINER MAY CAUSE BURSTING OF THE CAN.

SPECIAL FIREFIGHTING PROCEDURES:
EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF ACCORDING TO LOCAL, STATE (PROVINCIAL) AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

SECTION 7 - HANDLING AND STORAGE

HANDLING:
FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE IT MAY RETAIN PRODUCT RESIDUES. AVOID BREATHING VAPOR OR MIST. WASH THOROUGHLY AFTER HANDLING. USE ONLY IN A WELL-VENTILATED AREA. WASH HANDS BEFORE EATING.

STORAGE:
KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. DO NOT STORE ABOVE 120 DEG. F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS I FLAMMABLE LIQUIDS. CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO HEAT OR STORE ABOVE 120 DEG. F.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
PREVENT BUILD-UP OF VAPORS BY OPENING ALL DOORS AND WINDOWS TO ACHIEVE CROSS-VENTILATION. USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. USE EXPLOSION-PROOF VENTILATION EQUIPMENT.

RESPIRATORY PROTECTION:
A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS.

PROTECTION PROVIDED BY AIR PURIFYING RESPIRATORS IS LIMITED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR ANY OTHER CIRCUMSTANCES WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

SKIN PROTECTION:
USE IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT AND ABSORPTION OF THIS MATERIAL THROUGH THE SKIN. NITRILE OR NEOPRENE GLOVES MAY AFFORD ADEQUATE SKIN PROTECTION.

EYE PROTECTION:
USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:
REFER TO SAFETY SUPERVISOR OR INDUSTRIAL HYGIENIST FOR FURTHER INFORMATION REGARDING PERSONAL PROTECTIVE EQUIPMENT AND ITS APPLICATION.

HYGIENIC PRACTICES:
WASH THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: -34 - 415 F

VAPOR DENSITY: HEAVIER THAN AIR

ODOR: SOLVENT LIKE

ODOR THRESHOLD: ND

APPEARANCE: LIQUID

EVAPORATION RATE: FASTER THAN ETHER

SOLUBILITY IN H2O: SLIGHT

FREEZE POINT: ND

SPECIFIC GRAVITY: 0.797

VAPOR PRESSURE: ND

pH: NE

PHYSICAL STATE: LIQUID

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:
AVOID TEMPERATURES ABOVE 120 DEG. F. AVOID ALL POSSIBLE SOURCES OF IGNITION.

INCOMPATIBILITY:
INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES.

HAZARDOUS DECOMPOSITION:
WHEN HEATED TO DECOMPOSITION, IT EMITS ACRID SMOKE AND IRRITATING FUMES. BY OPEN FLAME, CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

SECTION 11 - TOXICOLOGICAL INFORMATION

PRODUCT LD50: ND
PRODUCT LC50: ND

CHEMICAL NAME	LD50	LC50
LIQUEFIED PETROLEUM GAS	N.D.	N.D.
ACETONE	N.D.	N.D.
N-BUTYL ACETATE	13100 MG/KG	2000 PPM

	(ORAL, RAT)	(INH 4 HR, RAT)
XYLENE	4300, MG/KG (ORAL RAT)	5000 PPM/4HR (INHALATION, RAT)
TITANIUM DIOXIDE	>7500 MG/KG (ORAL, RAT)	N.D.
METHYL ETHYL KETONE	N.D.	N.D.
ETHYLBENZENE	3500 MG/KG (ORAL, RAT)	N.D.
ETHYLENE GLYCOL MONOBUTYL ETHER	1519 MG/KG (ORAL, MOUSE)	700 PPM (INH 7 HR, RAT)
PIGMENT YELLOW 17	N.D.	N.D.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: PRODUCT IS A MIXTURE OF LISTED COMPONENTS.

SECTION 13 - DISPOSAL INFORMATION

DISPOSAL INFORMATION:
DISPOSE OF MATERIAL IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS AND ORDINANCES. DO NOT ALLOW TO ENTER STORM DRAINS OR SEWER SYSTEMS.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: AEROSOLS
DOT TECHNICAL NAME:
DOT HAZARD CLASS: 2.1
DOT UN/NA NUMBER: UN1950
PACKING GROUP:
HAZARD SUBCLASS:
RESP. GUIDE PAGE: 126

SECTION 15 - REGULATORY INFORMATION

CERCLA - SARA HAZARD CATEGORY:
THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES" PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:
IMMEDIATE HEALTH HAZARD
CHRONIC HEALTH HAZARD
FIRE HAZARD

SARA SECTION 313:

LISTED BELOW ARE THE SUBSTANCES (IF ANY) CONTAINED IN THIS PRODUCT THAT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME	CAS NUMBER
XYLENE	1330-20-7
METHYL ETHYL KETONE	78-93-3
ETHYLBENZENE	100-41-4
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2

TOXIC SUBSTANCES CONTROL ACT:
LISTED BELOW ARE THE SUBSTANCES (IF ANY) CONTAINED IN THIS PRODUCT THAT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES:

U.S. STATE REGULATIONS: AS FOLLOWS

NEW JERSEY RIGHT-TO-KNOW:
THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT.

CHEMICAL NAME	CAS NUMBER
ALKYD RESIN	PROPRIETARY

PENNSYLVANIA RIGHT-TO-KNOW:
THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%.

CHEMICAL NAME	CAS NUMBER
ALKYD RESIN	PROPRIETARY

CALIFORNIA PROPOSITION 65:

WARNING!
THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN BY THE STATE OF CALIFORNIA TO CAUSE CANCER.

WARNING!
THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

INTERNATIONAL REGULATIONS: AS FOLLOWS

CANADIAN WHMIS:
THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR THE USE OF THE 16 HEADINGS.

CANADIAN WHMIS CLASS:
AB5
D2A
D2B

SECTION 16 - OTHER INFORMATION

HMIS RATINGS:

HEALTH	2*
FLAMMABILITY	4
REACTIVITY	0
PERSONAL PROTECTION	X

REASON FOR REVISION: REGULATORY UPDATE

LEGEND:
N.A. - NOT APPLICABLE
N.E. - NOT ESTABLISHED
N.D. - NOT DETERMINED

THE INFORMATION CONTAINED ON THIS MSDS HAS BEEN CHECKED AND SHOULD BE ACCURATE. HOWEVER, IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

MATERIAL SAFETY DATA SHEET

prepared 08/06/07

HAZARDS IDENTIFICATION (ANSI Section 3)

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract. Prolonged inhalation may lead to loss of appetite, mucous membrane irritation, fatigue, drowsiness, dizziness and/or lightheadedness, headache, uncoordination, nausea, vomiting, coughing, central nervous system depression, intoxication, anesthetic effect or narcosis, difficulty of breathing, severe lung irritation or damage, liver damage, kidney damage, pulmonary edema, convulsions, pneumoconiosis, loss of consciousness, asphyxiation.

Skin contact : Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Skin contact may result in dermal absorption of component(s) of this product which may cause blurred vision, central nervous system depression.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, blurred vision, tearing of eyes, redness of eyes.

Ingestion : Ingestion may cause lung inflammation and damage due to aspiration of material into lungs, mouth and throat irritation, mucous membrane irritation, fatigue, dizziness and/or lightheadedness, headache, uncoordination, nausea, vomiting, diarrhea, gastro-intestinal disturbances, central nervous system depression, difficulty of breathing, convulsions, loss of consciousness.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders, lung disorders, asthma-like conditions.

FIRST-AID MEASURES (ANSI Section 4)

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin. Repeated applications may be needed. Remove contaminated clothing. Wash contaminated clothing before re-use.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

FIRE-FIGHTING MEASURES (ANSI Section 5)

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide. Closed containers may explode when exposed to extreme heat or fire. Vapors are heavier than air and may travel long distances to a source of ignition and flash back. Vapors can form explosive mixtures in air at elevated temperatures. May decompose under fire conditions emitting irritant and/or toxic gases.

Fire fighting procedures : Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus. Self-contained breathing apparatus recommended.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide, acrid fumes, toxic gases.

ACCIDENTAL RELEASE MEASURES (ANSI Section 6)

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Evacuate all unnecessary personnel. Place collected material in proper container. Complete personal protective equipment must be used during cleanup. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent to pick up excess residue. Keep salvageable material and rinse water out of sewers and water courses. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE (ANSI Section 7)

Handling and storage : Store below 100f (38c). Keep away from heat, sparks and open flame. Keep from freezing.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under exposure controls/personal protection. Empty containers may contain hazardous residues. Ground equipment when transferring to prevent accumulation of static charge.

EXPOSURE CONTROLS/PERSONAL PROTECTION (ANSI Section 8)

Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian z94.4) Approved elastomeric sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian z94.4).

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors. Use explosion-proof equipment.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing.

STABILITY AND REACTIVITY (ANSI Section 10)

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, acids, reducing agents, bases, halogens, mineral acids. Styrene monomer.

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame, ignition sources.

Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION (ANSI Section 11)

Supplemental health information : Notice - reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains iron oxide, repeated or prolonged exposure to iron oxide dust may cause siderosis, a benign pneumoconiosis.

The information contained herein is based on data available at the time of preparation of this data sheet which ICI Paints believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. ICI Paints shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and the users of this material.
Complies with OSHA hazard communication standard 29CFR1910.1200.

Carcinogenicity : Inhalation of non-asbestiform cosmetic grade talc for 2 years at 6 and 18 mg/m3 produc clear evidence of carcinogenicity in female rats (lung and adrenal tumors) and some evidence of carcinogenicity in male rats (adrenal tumors). No evidence of carcinogenicity was demonstrated in male and female mice exposed under the same conditions. Microscopic examination of the lungs of rats and mice exposed to talc revealed additional exposure related effects primarily associated with the inflammatory response. Stoddard solvent iic has been shown to cause kidney tumors in male rats in a national toxicology program (NTP) study. These tumors were associated with a specific protein, alpha-2u-microglobulin. Because humans do not produce this protein stoddard solvent iic has not been classified as a human carcinogen. The international agency for research on cancer (IARC) has classified carbon black as possibly carcinogenic to humans (group 2b) based on sufficient evidence in animals and inadequate evidence in humans. The international agency for research on cancer (IARC) has evaluated ethylbenzene and classified it as a possible human carcinogen (group 2b) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. In a 2 year inhalation study conducted by the national toxicology program (NTP), ethylbenzene vapor at 750 ppm produced kidney and testicular tumors in rats and lung and liver tumors in mice. Genetic toxicity studies showed no genotoxic effects. The relevance of these results to humans is not known. In a lifetime inhalation study, exposure to 250 mg/m3 titanium dioxide resulted in the development of lung tumors in rats. These tumors occurred only at dust levels that overwhelmed the animals' lung clearance mechanisms and were different from common human lung tumors in both type and location. The relevance of these findings to humans is unknown but questionable. The international agency for research on cancer (IARC) has classified titanium dioxide as possibly carcinogenic to humans (group 2b) based on inadequate evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

Reproductive effects : High exposures to xylene in some animal studies, often at maternal toxic levels, have affected embryo/fetal development. The significance of this finding to humans is not known.

Mutagenicity : No mutagenic effects are anticipated

Teratogenicity : No teratogenic effects are anticipated

ECOLOGICAL INFORMATION (ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

DISPOSAL CONSIDERATIONS (ANSI Section 13)

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

REGULATORY INFORMATION (ANSI Section 15)

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

Physical Data (ANSI Sections 1, 9, and 14)

Product Code	Description	Wt. / Gal.	VOC gr. / ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMIS	DOT, proper shipping name
3118-0100	groundworks polyurethane int/ext floor & porch enamel, white	10.46	372.27	47.59	105 f	266-415	320	UN1263, paint, combustible liquid, PGIII
3118-0110	groundworks polyurethane int/ext floor & porch enamel - white tint base	9.88	376.31	48.11	105 f	266-415	320	UN1263, paint, combustible liquid, PGIII
3118-0300	groundworks polyurthane int/ext floor & porch enamel - intermediate tint base	9.64	375.81	48.05	105 f	266-415	320	UN1263, paint, combustible liquid, PGIII
3118-0400	groundworks polyurethane int/ext floor & porch enamel - deep tint base	9.52	379.15	48.53	105 f	266-415	320	UN1263, paint, combustible liquid, PGIII
3118-3060	groundworks polyurethane, int/ext floor & porch enamel - adobe	9.81	378.36	48.44	105 f	266-415	*320	UN1263, paint, combustible liquid, PGIII
3118-3940	groundworks polyurethane int/ext floor & porch enamel - chateau grey	9.00	375.93	59.22	105 f	212-415	320	UN1263, paint, combustible liquid, PGIII
3118-6930	groundworks polyurethane int/ext floor & porch enamel - harbor grey	9.04	379.08	59.22	105 f	212-415	*320	UN1263, paint, combustible liquid, PGIII
3118-7920	groundworks polyurethane int/ext floor & porch enamel - tile green	9.44	377.01	48.23	105 f	104-415	*320	UN1263, paint, combustible liquid, PGIII
3118-8380	groundworks polyurethane int/ext floor & porch enamel - rich brown	9.72	374.73	47.95	105 f	266-415	*320	UN1263, paint, combustible liquid, PGIII
3118-8910	groundworks polyurethane int/ext floor & porch enamel - tile red	9.93	372.22	47.61	105 f	266-415	320	UN1263, paint, combustible liquid, PGIII

Ingredients Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	3118-0100	3118-0110	3118-0300	3118-0400	3118-3060	3118-3940	3118-6930	3118-7920	3118-8380	3118-8910
benzene, ethyl-	ethylbenzene	100-41-4	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0
benzene, dimethyl-	xylene	1330-20-7	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0
iron oxide	iron oxide	1332-37-2									1-5	5-10
kaolin	clay	1332-58-7				20-30	20-30			20-30	20-30	20-30
carbon black	carbon black	1333-86-4					.1-1.0		.1-1.0	.1-1.0	1-5	
titanium oxide	titanium dioxide	13463-67-7	20-30	10-20	10-20	1-5	10-20	5-10	5-10	1-5	.1-1.0	
talc	talc	14807-96-6						1-5	1-5			
aluminum hydroxide	aluminum hydroxide	21645-51-2	1-5									
nepheline syenite	feldspar-type minerals	37244-96-5	10-20	10-20	10-20			5-10	5-10			
c.i. pigment yellow 42	yellow iron oxide	51274-00-1					1-5			1-5	1-5	
naphtha (petroleum), heavy alkylate	heavy solvent naphtha	64741-65-7	1-5	1-5	1-5	1-5	1-5	5-10	5-10	1-5	1-5	1-5
solvent naphtha (petroleum), medium aliphatic	medium aliphatic solvent naphtha	64742-88-7	5-10	5-10	5-10	10-20	5-10	5-10	5-10	5-10	5-10	5-10
soybean oil, polymer with pentaerythritol, tdi and tung oil	alkyd resin	67989-28-0	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20

Ingredients (Continued) — Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	3118-0100	3118-0110	3118-0300	3118-0400	3118-3060	3118-3940	3118-6930	3118-7920	3118-8380	3118-8910
fatty acid, c18-unsaturated, dimers, polymers with ethylenediamine, pentaerythritol, phthalic anhydride and tall-oil fatty acids	alkyd resin	68604-95-5	5-10	5-10	5-10	5-10	5-10			5-10	5-10	5-10
silica	amorphous silica	7631-86-9	1-5									
water	water	7732-18-5						20-30	10-20			
stoddard solvent	mineral spirits	8052-41-3	10-20	10-20	10-20	10-20	10-20	5-10	5-10	10-20	10-20	10-20
benzene,1,2,4-trimethyl-	pseudocumene	95-63-6	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0	.1-1.0
long oil alkyd resin	long oil alkyd resin	Sup. Conf.	10-20	10-20	10-20	10-20	10-20	20-30	10-20	10-20	10-20	10-20

Chemical Hazard Data (ANSI Sections 2, 8, 11, and 15)

		ACGIH-TLV				OSHA-PEL												
Common Name	CAS. No.	8-Hour TWA	STEL	C	S	8-Hour TWA	STEL	C	S	S.R. Std.	S2	S3	CC	H	M	N	I	O
ethylbenzene	100-41-4	100 ppm	125 ppm	not est.	not est.	100 ppm	not est.	not est.	not est.	not est.	n	y	y	y	n	n	y	n
xylene	1330-20-7	100 ppm	150 ppm	not est.	not est.	100 ppm	not est.	not est.	not est.	not est.	n	y	y	y	n	n	n	n
iron oxide	1332-37-2	5 mg/m3	not est.	not est.	not est.	10 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
clay	1332-58-7	2 mg/m3	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
carbon black	1333-86-4	3.5 mg/m3	not est.	not est.	not est.	3.5 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	y	n
titanium dioxide	13463-67-7	10 mg/m3	not est.	not est.	not est.	10 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	y	y	n
talc	14807-96-6	2 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
aluminum hydroxide	21645-51-2	10 mg/m3	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
feldspar-type minerals	37244-96-5	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
yellow iron oxide	51274-00-1	5 mg/m3	not est.	not est.	not est.	10 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
heavy solvent naphtha	64741-65-7	100 ppm	not est.	not est.	not est.	500 ppm	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
medium aliphatic solvent naphtha	64742-88-7	not est.	not est.	not est.	not est.	500 x ppm	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
amorphous silica	7631-86-9	10 mg/m3	not est.	not est.	not est.	6 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
mineral spirits	8052-41-3	100 ppm	not est.	not est.	not est.	500 ppm	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n

Footnotes:
C=Ceiling - Concentration that should not be exceeded, even instantaneously.
S=Skin - Additional exposure, over and above airborn exposure, may result from skin absorption.
n/a=not applicable
not est=not established
CC=CERCLA Chemical
ppm=parts per million
mg/m3=milligrams per cubic meter
Sup Conf=Supplier Confidential
S2=Sara Section 302 EHS
S3=Sara Section 313 Chemical
S.R.Std.=Supplier Recommended Standard
H=Hazardous Air Pollutant, M=Marine Pollutant
P=Pollutant, S=Severe Pollutant
Carcinogenicity Listed By:
N=NTP, I=IARC, O=OSHA, y=yes, n=no

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ENVIRONMENTAL, INC.

APPENDIX 24

Indoor Air Building Survey and Sampling Form

New Jersey Department of Environmental Protection

INDOOR AIR BUILDING SURVEY and SAMPLING FORM

Preparer's name: John Weakliem Date: 2/11/15

Preparer's affiliation: Envision Environmental Phone #: 609 208-1885

Site Name: Rexam Beverage Can Co. Case #: VCP NW1105

Part I - Occupants

Building Address: 1220 N. 2nd Av, Kent WA

Building Block: _____ Lot: _____

Property Contact: Billy Rohrbough Owner / Renter / other: Plant Manager - Rexam is tenant

Contact's Phone: home ( ) _____ work (253 520-1522 cell ( ) _____

# of Building occupants: Children under age 13 ∅ Children age 13-18 ∅ Adults 25

Part II – Building Characteristics

Building type: residential / multi-family residential / office / strip mall / commercial / (industrial)

Describe building: Concrete Slab on grade, Wood walls + Columns Year constructed: 1971 85-87 for Whse Mfg

Sensitive population: day care / nursing home / hospital / school / other (specify): None

Number of floors below grade: ∅ (full basement / crawl space / slab on grade)

Number of floors at or above grade: 1

Depth of basement below grade surface: NA ft. Basement size: NA ft²

Basement floor construction: concrete / dirt / floating / stone / other (specify): NA

Foundation walls: poured concrete / cinder blocks / stone / other (specify) NA

Basement sump present? *Yes / No* Sump pump? *Yes / No* Water in sump? *Yes / No* NA

Type of heating system (circle all that apply):

(hot air circulation) hot air radiation wood steam radiation
heat pump hot water radiation kerosene heater electric baseboard
other (specify): _____

Type of ventilation system (circle all that apply):

Front office which is seperate (central air conditioning) (mechanical fans) (bathroom ventilation fans)
individual air conditioning units kitchen range hood fan (outside air intake)
other (specify): _____

Type of fuel utilized (circle all that apply):

(Natural gas) / electric / fuel oil / wood / coal / solar / kerosene

Are the basement walls or floor sealed with waterproof paint or epoxy coatings? *Yes / No* NA

Is there a whole house fan? *Yes / No* NA

Septic system? *Yes / Yes (but not used) /* (No)

Irrigation/private well? *Yes / Yes (but not used) /* (No)

Type of ground cover outside of building: (grass) / concrete / (asphalt) / other (specify) gravel on east side

Existing subsurface depressurization (radon) system in place? *Yes* (No) *active / passive*

Sub-slab vapor/moisture barrier in place? *Yes* (No)
Type of barrier: _____

Part III - Outside Contaminant Sources

~~NJDEP~~ contaminated site (1000-ft. radius): 1225 N. 2nd Av

Other stationary sources nearby (gas stations, emission stacks, etc.): Quarry across RR

Heavy vehicular traffic nearby (or other mobile sources): BNSF RR, Valley Fwy, S. 228th ST

Part IV – Indoor Contaminant Sources

Identify all potential indoor sources found in the building (including attached garages), the location of the source (floor and room), and whether the item was removed from the building 48 hours prior to indoor air sampling event. Any ventilation implemented after removal of the items should be completed at least 24 hours prior to the commencement of the indoor air sampling event.

Potential Sources	Location(s)	Removed (Yes / No / NA)
Gasoline storage cans	No	
Gas-powered equipment	No	
Kerosene storage cans	Small quantities, Machine Shop	
Paints / thinners / strippers	Yes - Machine Shop, Drum Stg	
Cleaning solvents	Yes - " "	
Oven cleaners	No	
Carpet / upholstery cleaners	No	
Other house cleaning products	No	
Moth balls	No	
Polishes / waxes	No	
Insecticides	No	
Furniture / floor polish	No	
Nail polish / polish remover	No	
Hairspray	No	
Cologne / perfume	No	
Air fresheners	Toilets, restrooms	
Fuel tank (inside building)	No fuel - Oil (Lube - Water Soluble)	NA
Wood stove or fireplace	No	NA
New furniture / upholstery	No	
New carpeting / flooring	No	NA
Hobbies - glues, paints, etc.	No	

Oil storage at N end of bldg + Drum / Flammable Stg Room

Part V – Miscellaneous Items

Do any occupants of the building smoke? *Yes* (No) How often? No smoking inside plant or w/in 25' of air intakevents

Last time someone smoked in the building? over 10 years hours / *days* ago

Does the building have an attached garage directly connected to living space? *Yes* (No) - overhead doors are occasionally accessed by vehicles

If so, is a car usually parked in the garage? *Yes / No* NA

Are gas-powered equipment or cans of gasoline/fuels stored in the garage? *Yes* (No) NA

Do the occupants of the building have their clothes dry cleaned? *Yes / No* ? sent out - Not known if dry cleaned

If yes, how often? weekly / monthly / 3-4 times a year

Do any of the occupants use solvents in work? (Yes) / *No*

If yes, what types of solvents are used? See Attached

If yes, are their clothes washed at work? *Yes* (No) , outsourced

Have any pesticides/herbicides been applied around the building or in the yard? (Yes) / No

If so, when and which chemicals? unknown - subcontractor, rodent control

Has there ever been a fire in the building? (Yes) / *No* If yes, when? at least 15 years

Has painting or staining been done in the building in the last 6 months? *Yes* / (No)

If yes, when _____ and where? outside of production use of inks, lacquers, etc to print & coat can bodies

Part VI – Sampling Information

Sample Technician: NA Phone number: ( ) _____ - _____

Company: _____

Sample Source: Indoor Air / Sub-Slab / Near Slab Soil Gas / Exterior Soil Gas

Were "Instructions for Occupants" followed? *Yes / No*

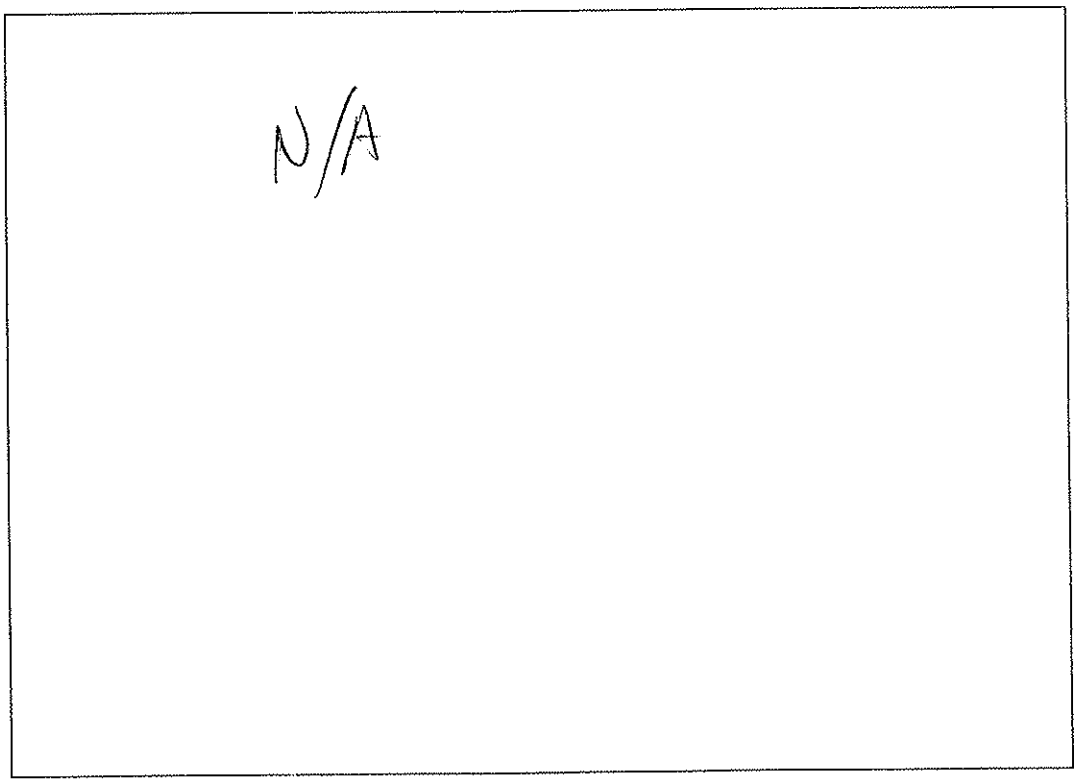
If not, describe modifications: _____

Sample locations (floor, room):

SAMPLING DATA

Sample #	Location	Analytical Method	Sample Volume	Sample Time	Sample Date	Sampler Type	Ambient Temp (°F)

-Drawing of Sample Location(s) in Building



Type of field instrument used (include summary of results): ✓

Part VII - Meteorological Conditions

Was there significant precipitation within 12 hours prior to (or during) the sampling event? *Yes / No*

Describe the general weather conditions: N/A

Part VIII – General Observations

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process.

N/A

Rexam Beverage Can Co.
N. 1220 2nd Av Kent, WA
2/11/2015

Solvents -
Isopropyl Alcohol
Acetone
Simple - Green
Kerosene and Mineral spirits
Saf-T-Klean parts washers

Products w/ VOCs - Not Contaminants of concern except for those ~~sheets~~ MSDS copied

8/9 various
CRC products, (battery cleaner, anti-seize compounds, tap fluid, spray adhesive, contact cleaner, brake cleaner, gasket remover, lubricant)
Loctite (thread lock, sealant)
Paints (liquid + spray)

Contain Xylenes, tetrahydrofuran, MEK, acetone, cyclohexane, ethylbenzene, N-butyl acetate, Mineral spirits, Solvent Naphtha o-dichlorobenzene, glycol ethers, ethyl alcohol, toluene, aromatic hydrocarbons VM & P ~~Naphtha~~ Naphtha, butyl alcohol, MIBK

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APPENDIX 25

Hydraulic Oil Release, December 2011, Sample Location Maps and Data Table

SOUTH 228th STREET

OVERPASS

ASPHALT PAVEMENT

PAVEMENT

LOCATION OF AREA OF INVESTIGATION OF HYDRAULIC OIL RELEASE

MANUFACTURING BUILDING

CONCRETE SIDEWALK

RAILROAD SIDING

GRASSY AREA

DRAINAGE SWALE

RAILROAD MAIN LINE

2nd AVENUE NORTH

0 50 100

APPROXIMATE SCALE IN FEET

NOTES:

RAILROAD SIDINGS SHOWN IN APPROXIMATE LOCATIONS.

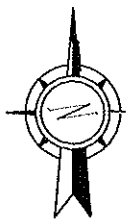
Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1685 Fax: 609-208-1889

REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032
AREA OF INVESTIGATION

Revisions:

Project No. 302.REX
Date: 01/26/12
Scale: as shown
Drawing No. FIGURE 1

SOUTH 228th STREET OVERPASS



LEGEND:

SB201▲ = SOIL BORING

OHD = OVERHEAD DOOR

0 15 30

SCALE (FEET)

ASPHALT PAVEMENT

MANUFACTURING BUILDING

OHD

CONCRETE SIDEWALK

SB207

SB206

SB208

SB209

SB204

SB205

SB201

SB203

SB202

PERIMETER OF EXCAVATION (conducted by others)

EDGE OF PAVEMENT

Envision Environmental, Inc.
11 Sleepy Hollow Court, Allentown, NJ 08501
Phone: 609-208-1885 Fax: 609-208-1889

REXAM BEVERAGE CAN CO.
1220 NORTH 2nd AVENUE
KENT, WASHINGTON 98032

HYDRAULIC OIL RELEASE
SOIL BORING LOCATIONS

Revisions:	Project No. 302.REX
	Date: 01/25/12
	Scale: As Shown
	Drawing No. FIGURE 2

TABLE 1
Summary of Soil Analytical Results
Hydraulic Oil Release Investigation
December 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID No.	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB201A	SB202A	SB203A	SB204A	SB204B
Laboratory ID No.					112394-01	112394-03	112394-05	112394-07	112394-08
Date Sampled					12/29/2011	12/29/2011	12/29/2011	12/29/2011	12/29/2011
Depth (feet below surface)					0.0-0.5	0.0-0.5	0.0-0.5	0.3-0.8	2.0-2.5
					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Total Petroleum Hydrocarbons (TPH) (mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)					
NWTPH-Dx									
Diesel (C10-C25)	2,000	2,000	NE	NE	<50	<50	<50	260 x	<50
Motor Oil (>C25-C36)	2,000	2,000	NE	NE	<250	<250	320	3,000	<250
Polycyclic Aromatic Hydrocarbons (mg/Kg)									
Naphthalene	5	5	1,600	0.00047	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	NE	NE	NE	NE	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	NE	NE	4,800	4.1	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	NE	NE	3,200	4.0	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	NE	NE	NE	NE	0.010	<0.01	<0.01	<0.01	<0.01
Anthracene	NE	NE	24,000	42	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	NE	NE	3,200	70	0.027	<0.01	<0.01	<0.01	<0.01
Pyrene	NE	NE	2,400	9.5	0.025	0.010	<0.01	<0.01	<0.01
Benzo(a)anthracene*	NE	NE	1.4	0.010	0.013	<0.01	<0.01	<0.01	<0.01
Chrysene*	NE	NE	140	1.10	0.018	0.022	<0.01	<0.01	<0.01
Benzo(a)pyrene*	0.1	2.0	0.14	0.0035	0.015	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene*	NE	NE	1.4	0.035	0.023	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene*	NE	NE	14	0.35	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene*	NE	NE	1.4	0.12	0.012	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene*	NE	NE	0.14	0.011	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	NE	NE	NE	NE	0.012	0.012	<0.01	<0.01	<0.01

Notes:
Highlighted concentrations equal or exceed a regulatory cleanup criteria.
mg/Kg = milligram per kilogram
µg/L = microgram per liter
DUP = Duplicate sample collected from sample location SB205A.
* = Carcinogenic PAH. Standard for total carcinogenic PAH via toxicity equivalency method is that of benzo(a)pyrene
x = The sample chromatographic pattern does not resemble the fuel standard used for qualification. The laboratory commented that the chromatograms indicate contribution from motor oil fraction to analytical result.
+ = The sample was diluted and reanalyzed for Polycyclic Aromatic Hydrocarbons.
J = The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
<0.01 = Not detected at reported concentration.
NA = Not applicable
NE = Not established
MTCA Method B values are most stringent values taken from CLARC database. These are not standards, but are provided for comparison purposes for analytes with no Method A standard.
USEPA Risk Based Soil Screening Levels (SSL) for protection of groundwater are provided for comparison purposes for analytes with no Method A standard.
MTCA = Model Toxics Control Act
CLARC = Cleanup Levels and Risk Calculation
USEPA = Unites States Environmental Protection Agency

TABLE 1
Summary of Soil Analytical Results
Hydraulic Oil Release Investigation
December 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID No.	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB205A	DUP	SB206A	SB206B	SB206B+
Laboratory ID No.					112394-09	112394-21	112394-11	112394-12	112394-12
Date Sampled					12/29/2011	12/29/2011	12/29/2011	12/29/2011	12/29/2011
Depth (feet below surface)					0.0-0.5	0.0-0.5	0.5-1.0	1.5-2.0	1.5-2.0
					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Total Petroleum Hydrocarbons (TPH) (mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)					
NWTPH-Dx									
Diesel (C10-C25)	2,000	2,000	NE	NE	110 x	<50	880 x	6,800	---
Motor Oil (>C25-C36)	2,000	2,000	NE	NE	370	<250	6,600	11,000	---
Polycyclic Aromatic Hydrocarbons (mg/Kg)									
Naphthalene	5	5	1,600	0.00047	<0.01	<0.01	<0.1	0.47	<0.5
Acenaphthylene	NE	NE	NE	NE	<0.01	<0.01	<0.1	0.60	<0.5
Acenaphthene	NE	NE	4,800	4.1	<0.01	<0.01	<0.1	<0.1	<0.5
Fluorene	NE	NE	3,200	4.0	<0.01	<0.01	<0.1	<0.1	<0.5
Phenanthrene	NE	NE	NE	NE	<0.01	<0.01	<0.1	<0.1	<0.5
Anthracene	NE	NE	24,000	42	<0.01	<0.01	<0.1	<0.1	<0.5
Fluoranthene	NE	NE	3,200	70	<0.01	<0.01	<0.1	<0.1	<0.5
Pyrene	NE	NE	2,400	9.5	<0.01	<0.01	<0.1	0.28	<0.5
Benzo(a)anthracene*	NE	NE	1.4	0.010	<0.01	<0.01	<0.1	<0.1	<0.5
Chrysene*	NE	NE	140	1.10	<0.01	<0.01	<0.1	0.23	<0.5
Benzo(a)pyrene*	0.1	2.0	0.14	0.0035	<0.01	<0.01	0.15	<0.1 J	<0.5
Benzo(b)fluoranthene*	NE	NE	1.4	0.035	<0.01	<0.01	<0.1	<0.1 J	<0.5
Benzo(k)fluoranthene*	NE	NE	14	0.35	<0.01	<0.01	<0.1	<0.1 J	<0.5
Indeno(1,2,3-cd)pyrene*	NE	NE	1.4	0.12	<0.01	<0.01	<0.1	<0.1 J	<0.5
Dibenz(a,h)anthracene*	NE	NE	0.14	0.011	<0.01	<0.01	<0.1	<0.1 J	<0.5
Benzo(g,h,i)perylene	NE	NE	NE	NE	<0.01	<0.01	0.12	<0.1 J	<0.5

Notes:
Highlighted concentrations equal or exceed a regulatory cleanup criteria.
mg/Kg = milligram per kilogram
µg/L = microgram per liter
DUP = Duplicate sample collected from sample location SB205A.
* = Carcinogenic PAH. Standard for total carcinogenic PAH via toxicity equivalency method is that of benzo(a)pyrene
x = The sample chromatographic pattern does not resemble the fuel standard used for qualification. The laboratory commented that the chromatograms indicate contribution from motor oil fraction to analytical result.
+ = The sample was diluted and reanalyzed for Polycyclic Aromatic Hydrocarbons.
J = The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
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NA = Not applicable
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TABLE 1
Summary of Soil Analytical Results
Hydraulic Oil Release Investigation
December 2011
REXAM BEVERAGE CAN COMPANY
Kent, Washington

Sample ID No.	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB206C	SB206C+	SB206D	SB207A
Laboratory ID No.					112394-13	112394-13	112394-14	112394-15
Date Sampled					12/29/2011	12/29/2011	12/29/2011	12/29/2011
Depth (feet below surface)					2.0-2.5	2.0-2.5	3.5-4.0	1.5-2.0
					mg/Kg	mg/Kg	mg/Kg	mg/Kg
Total Petroleum Hydrocarbons (TPH) (mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)				
NWTPH-Dx								
Diesel (C10-C25)	2,000	2,000	NE	NE	2,300	---	79 x	2,000 x
Motor Oil (>C25-C36)	2,000	2,000	NE	NE	4,500	---	<250	5,900
Polycyclic Aromatic Hydrocarbons (mg/Kg)								
Naphthalene	5	5	1,600	0.00047	1.2	1.2	0.018	<0.01
Acenaphthylene	NE	NE	NE	NE	<0.01	0.13	<0.01	<0.01
Acenaphthene	NE	NE	4,800	4.1	0.035	<0.1	<0.01	<0.01
Fluorene	NE	NE	3,200	4.0	0.065	<0.1	<0.01	<0.01
Phenanthrene	NE	NE	NE	NE	0.21	0.23	<0.01	<0.01
Anthracene	NE	NE	24,000	42	<0.01	<0.1	<0.01	<0.01
Fluoranthene	NE	NE	3,200	70	0.015	<0.1	<0.01	<0.01
Pyrene	NE	NE	2,400	9.5	0.13 J	<0.1	<0.01	0.019 J
Benzo(a)anthracene*	NE	NE	1.4	0.010	0.011 J	<0.1	<0.01	0.012 J
Chrysene*	NE	NE	140	1.10	0.061 J	<0.1	<0.01	0.016 J
Benzo(a)pyrene*	0.1	2.0	0.14	0.0035	<0.01 J	<0.1	<0.01	<0.01 J
Benzo(b)fluoranthene*	NE	NE	1.4	0.035	<0.01 J	<0.1	<0.01	<0.01 J
Benzo(k)fluoranthene*	NE	NE	14	0.35	<0.01 J	<0.1	<0.01	<0.01 J
Indeno(1,2,3-cd)pyrene*	NE	NE	1.4	0.12	<0.01 J	<0.1	<0.01	0.015 J
Dibenz(a,h)anthracene*	NE	NE	0.14	0.011	<0.01 J	<0.1	<0.01	<0.01 J
Benzo(g,h,i)perylene	NE	NE	NE	NE	<0.01 J	<0.1	<0.01	0.020 J

Notes:
Highlighted concentrations equal or exceed a regulatory cleanup criteria.
mg/Kg = milligram per kilogram
µg/L = microgram per liter
DUP = Duplicate sample collected from sample location SB205A.
* = Carcinogenic PAH. Standard for total carcinogenic PAH via toxicity equivalency method is that of benzo(a)pyrene
x = The sample chromatographic pattern does not resemble the fuel standard used for qualification. The laboratory commented that the chromatograms indicate contribution from motor oil fraction to analytical result.
+ = The sample was diluted and reanalyzed for Polycyclic Aromatic Hydrocarbons.
J = The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
<0.01 = Not detected at reported concentration.
NA = Not applicable
NE = Not established
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Kent, Washington

Sample ID No.	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB207A+
Laboratory ID No.					112394-15
Date Sampled					12/29/2011
Depth (feet below surface)					1.5-2.0
					mg/Kg
Total Petroleum Hydrocarbons (TPH) (mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	
NWTPH-Dx					
Diesel (C10-C25)	2,000	2,000	NE	NE	---
Motor Oil (>C25-C36)	2,000	2,000	NE	NE	---
Polycyclic Aromatic Hydrocarbons (mg/Kg)					
Naphthalene	5	5	1,600	0.00047	<0.01
Acenaphthylene	NE	NE	NE	NE	<0.01
Acenaphthene	NE	NE	4,800	4.1	<0.01
Fluorene	NE	NE	3,200	4.0	<0.01
Phenanthrene	NE	NE	NE	NE	<0.01
Anthracene	NE	NE	24,000	42	<0.01
Fluoranthene	NE	NE	3,200	70	<0.01
Pyrene	NE	NE	2,400	9.5	<0.01
Benzo(a)anthracene*	NE	NE	1.4	0.010	<0.01
Chrysene*	NE	NE	140	1.10	<0.01
Benzo(a)pyrene*	0.1	2.0	0.14	0.0035	<0.01
Benzo(b)fluoranthene*	NE	NE	1.4	0.035	<0.01
Benzo(k)fluoranthene*	NE	NE	14	0.35	<0.01
Indeno(1,2,3-cd)pyrene*	NE	NE	1.4	0.12	<0.01
Dibenz(a,h)anthracene*	NE	NE	0.14	0.011	<0.01
Benzo(g,h,i)perylene	NE	NE	NE	NE	<0.01

Notes:
Highlighted concentrations equal or exceed a regulatory cleanup criteria.
mg/Kg = milligram per kilogram
µg/L = microgram per liter
DUP = Duplicate sample collected from sample location SB205A.
* = Carcinogenic PAH. Standard for total carcinogenic PAH via toxicity equivalency method is that of benzo(a)pyrene
x = The sample chromatographic pattern does not resemble the fuel standard used for qualification. The laboratory commented that the chromatograms indicate contribution from motor oil fraction to analytical result.
+ = The sample was diluted and reanalyzed for Polycyclic Aromatic Hydrocarbons.
J = The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
<0.01 = Not detected at reported concentration.
NA = Not applicable
NE = Not established
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Kent, Washington

Sample ID No.	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB207B	SB208A	SB208B
Laboratory ID No.					112394-16	112394-17	112394-18
Date Sampled					12/29/2011	12/29/2011	12/29/2011
Depth (feet below surface)					2.0-2.25	1.5-2.0	2.0-2.25
					mg/Kg	mg/Kg	mg/Kg
Total Petroleum Hydrocarbons (TPH) (mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)			
NWTPH-Dx							
Diesel (C10-C25)	2,000	2,000	NE	NE	<50	<50	<50
Motor Oil (>C25-C36)	2,000	2,000	NE	NE	<250	<250	<250
Polycyclic Aromatic Hydrocarbons (mg/Kg)							
Naphthalene	5	5	1,600	0.00047	0.038	<0.01	<0.01
Acenaphthylene	NE	NE	NE	NE	<0.01	<0.01	<0.01
Acenaphthene	NE	NE	4,800	4.1	<0.01	<0.01	<0.01
Fluorene	NE	NE	3,200	4.0	<0.01	<0.01	<0.01
Phenanthrene	NE	NE	NE	NE	<0.01	<0.01	<0.01
Anthracene	NE	NE	24,000	42	<0.01	<0.01	<0.01
Fluoranthene	NE	NE	3,200	70	<0.01	<0.01	<0.01
Pyrene	NE	NE	2,400	9.5	<0.01	<0.01	<0.01
Benzo(a)anthracene*	NE	NE	1.4	0.010	<0.01	<0.01	<0.01
Chrysene*	NE	NE	140	1.10	<0.01	<0.01	<0.01
Benzo(a)pyrene*	0.1	2.0	0.14	0.0035	<0.01	<0.01	<0.01
Benzo(b)fluoranthene*	NE	NE	1.4	0.035	<0.01	<0.01	<0.01
Benzo(k)fluoranthene*	NE	NE	14	0.35	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene*	NE	NE	1.4	0.12	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene*	NE	NE	0.14	0.011	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	NE	NE	NE	NE	<0.01	<0.01	<0.01

Notes:
Highlighted concentrations equal or exceed a regulatory cleanup criteria.
mg/Kg = milligram per kilogram
µg/L = microgram per liter
DUP = Duplicate sample collected from sample location SB205A.
* = Carcinogenic PAH. Standard for total carcinogenic PAH via toxicity equivalency method is that of benzo(a)pyrene
x = The sample chromatographic pattern does not resemble the fuel standard used for qualification. The laboratory commented that the chromatograms indicate contribution from motor oil fraction to analytical result.
+ = The sample was diluted and reanalyzed for Polycyclic Aromatic Hydrocarbons.
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Sample ID No.	MTCA Method A Cleanup Level Unrestricted Land Use	MTCA Method A Cleanup Level Industrial Properties	MTCA Method B Unrestricted Land Use Value (Direct Contact)	USEPA Risk-Based SSL Protection of Groundwater	SB209A	SB209B	Field Blank
Laboratory ID No.					112394-19	112394-20	112394-22
Date Sampled					12/29/2011	12/29/2011	12/29/2011
Depth (feet below surface)					1.5-2.0	2.0-2.25	NA
					mg/Kg	mg/Kg	µg/L
Total Petroleum Hydrocarbons (TPH) (mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)			
NWTPH-Dx							
Diesel (C10-C25)	2,000	2,000	NE	NE	<50	<50	<50
Motor Oil (>C25-C36)	2,000	2,000	NE	NE	<250	<250	<250
Polycyclic Aromatic Hydrocarbons (mg/Kg)							
Naphthalene	5	5	1,600	0.00047	<0.01	<0.01	<0.1
Acenaphthylene	NE	NE	NE	NE	<0.01	<0.01	<0.1
Acenaphthene	NE	NE	4,800	4.1	<0.01	<0.01	<0.1
Fluorene	NE	NE	3,200	4.0	<0.01	<0.01	<0.1
Phenanthrene	NE	NE	NE	NE	<0.01	<0.01	<0.1
Anthracene	NE	NE	24,000	42	<0.01	<0.01	<0.1
Fluoranthene	NE	NE	3,200	70	<0.01	<0.01	<0.1
Pyrene	NE	NE	2,400	9.5	<0.01	<0.01	<0.1
Benzo(a)anthracene*	NE	NE	1.4	0.010	<0.01	<0.01	<0.1
Chrysene*	NE	NE	140	1.10	<0.01	<0.01	<0.1
Benzo(a)pyrene*	0.1	2.0	0.14	0.0035	<0.01	<0.01	<0.1
Benzo(b)fluoranthene*	NE	NE	1.4	0.035	<0.01	<0.01	<0.1
Benzo(k)fluoranthene*	NE	NE	14	0.35	<0.01	<0.01	<0.1
Indeno(1,2,3-cd)pyrene*	NE	NE	1.4	0.12	<0.01	<0.01	<0.1
Dibenz(a,h)anthracene*	NE	NE	0.14	0.011	<0.01	<0.01	<0.1
Benzo(g,h,i)perylene	NE	NE	NE	NE	<0.01	<0.01	<0.1

Notes:
Highlighted concentrations equal or exceed a regulatory cleanup criteria.
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