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# Remedial Investigation Report

## Stoneway Concrete
## 1915 SE Maple Valley Highway
## Renton, Washington 98055

**Prepared For:**

## Stoneway Concrete
## 1915 SE Maple Valley Highway
## Renton, Washington 98055

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## EXECUTIVE SUMMARY

Environmental Partners, Inc. (EPI) is pleased to present this Remedial Investigation (RI) report for the Stoneway Concrete (Stoneway) facility located at 1915 Southeast Maple Valley Highway in Renton, Washington (site). The general location of the site is shown on Figure 1.

This report, and the work documented herein, are intended to meet the investigation and reporting requirements of the Model Toxics Control Act (MTCA; WAC 173-340) and implementing regulations. It is EPI's understanding that the work described herein may also be used by Stoneway to facilitate potential future redevelopment of the site. In most cases, as discussed below, it is appropriate to incorporate remedial actions into redevelopment activities. This will result in a readily practicable and effective remedial action(s) that would not be cost effective if performed in advance of redevelopment activities. This approach is appropriate because the RI has demonstrated that there are no completed exposure pathways, either human or environmental, at the site and because access to the site is controlled.

The work described herein completes the characterization of impacts at the site. The site was characterized using a phased investigative approach where each phase of investigation iteratively focused the subsequent phase. This report documents each phase of work performed, the successive findings and conclusions of each phase, as well as the cumulative findings of the RI and the conclusions supported by those findings.

Contaminants of concern (COCs) for soils at the site are limited to formaldehyde and petroleum hydrocarbons. Formaldehyde is present as the result of its presence in a concrete additive and the spillage of that additive onto the surface of the central area of the site where the batch plant was formerly located. Formaldehyde is not present in soil at a concentration that exceeds a direct human contact risk but is present at concentrations that the MTCA regulation predicts may represent a potential threat to impact ground water or indoor air quality for residential structures built directly over the impacted soils.

COCs for ground water at the site are limited to formaldehyde and arsenic. Formaldehyde is not present in ground water at a concentration that exceeds a drinking water standard but it is present at a concentration that MTCA predicts could potentially result in a threat to impact indoor air quality for a residential structure. Arsenic is present in ground water at a limited number of locations at a concentration that slightly exceeds the drinking water standard. However, in both the case of formaldehyde and arsenic, the site data clearly demonstrate that the observed impacts do not extend beyond the hydraulically down-gradient property boundary and do not represent a threat to impact City of Renton ground water supply wells northwest of the site.

There are no COCs for surface water at the site. The hydraulic gradient at the property has consistently been to the northwest, away from the Green River, and there is no potential for ground water migration from the site into the surface water. It appears that the shallow ground water is generally recharged by the river and that the direction of ground water flow generally mimics surface water flow.

Given the lack of current completed exposure pathways it is clear that the site does not represent an imminent or substantial environmental or human health threat. Moreover, there exists the ability to assess changes at the site through ground water monitoring. Given that the site does not represent a threat to human health or the environment in its current configuration and site use, it appears wholly appropriate to incorporate remedial actions into the pending development activities. In the interim, Stoneway will establish a monitoring program to assess changes in site conditions and to take appropriate actions if site conditions change to a point where a human health or environmental threat does come into existence.

Stoneway currently plans to perform an interim action to address petroleum-contaminated soils (PCS) prior to redevelopment activities. That interim action would include excavation of all accessible PCS with on-site treatment using ex situ bioremediation. Stoneway also has plans to address historic settling ponds through excavation. The removal of those high pH soils will reduce the pH of the local ground water, which is the source of the dissolved arsenic in ground water immediately adjacent to these former ponds.

It is likely that the presence of formaldehyde in soil and ground water will be addressed during redevelopment and that the remedial action may include some limited excavation of impacted soils and the use of institutional controls and possibly engineering controls to eliminated potential human and environmental threats.

It is Stoneway's intention to continue to perform its investigative and remedial actions within the framework of the MTCA regulation and Ecology policies. While the work to date has been performed on an independent basis, the site will be enrolled into the Voluntary Cleanup Program (VCP) and guidance and feedback will be sought from Ecology at various stages of the remedial process. Stoneway's ultimate goal is to attain a No Further Action (NFA) designation for the property that allows development to its highest and best use.

# 1.0 INTRODUCTION

Environmental Partners, Inc. (EPI) is pleased to present this Remedial Investigation (RI) report for the Stoneway Concrete (Stoneway) facility located at 1915 Southeast Maple Valley Highway in Renton, Washington (site). The general location of the site is shown on Figure 1.

This report, and the work documented herein, are intended to meet the investigation and reporting requirements of the Model Toxics Control Act (MTCA; WAC 173-340) and implementing regulations. It is EPI's understanding that the work described herein may also be used by Stoneway to facilitate potential future redevelopment of the site. The work described herein completes the characterization of impacts at the site and provides the basis for a preliminary evaluation of cleanup alternatives and applicable regulatory criteria.

The site was characterized using a phased investigative approach where each phase of investigation iteratively focused the subsequent phase. This report documents each phase of work performed and the successive findings and conclusions of each phase, as well as the cumulative findings of the RI and the conclusions supported by those findings.

## 1.1 Site Description

The site is an irregularly shaped parcel about 13.5 acres in size and is situated between the Cedar River and Maple Valley Highway, just east of Interstate 405. Figure 2 is a representation of the current site features and structures. The site was most recently occupied by a concrete batch plant and associated support operations. The batch plant ceased operation prior to October 14, 2002 in conformance with City of Renton (City) ordinances relative to its Aquifer Protection Zone and the operating permits for the batch plant. Because of the site's location within the Aquifer Protection Zone, industrial activities that use, handle, or store hazardous substances are precluded from operating at the site.

## 1.2 Background

Previous environmental investigations have been performed at the site by others. EPI reviewed the following documents as part of this RI:

- *Final Report – Stoneway Tetrachloroethene (PCE) Assessment* by Pacific Groundwater Group dated September 20, 1998;
- *Draft Phase I Environmental Site Assessment* by GeoEngineers dated January 13, 2000;
- *Groundwater Monitoring at the Renton Batch Plant* by Smayda Environmental Associates, Inc. dated March 19, 2001;

- *Department of Ecology Memorandum – Subject: Discontinuation of groundwater monitoring for tetrachloroethene at Stoneway Concrete*, Renton dated April 17, 2001, and

- *Groundwater Monitoring at the Renton Batch Plant* by Smayda Environmental Associates, Inc. dated February 25, 2002.

Copies of these reports are presented in Attachment A.

Based upon a review of past reports, PCE was released to ground water at the site. The release was discovered in 1988 when the City detected concentrations of PCE in a ground water supply well down-gradient of the site. The source of the PCE was determined to be PCE-contaminated soil and/or sediment located in settling ponds along the southern boundary of the site. The ultimate source of the PCE in these soils was never determined and PCE was never used on-site.

Stoneway undertook all necessary actions to address the PCE release as required by the City and the Washington Department of Ecology (Ecology). Soils and sediments were removed from the settling ponds and quarterly ground water monitoring was initiated and continued until April 2001. PCE concentrations steadily decreased after removal of the soil and sediment from the ponds. On April 17, 2001, Ecology issued a consent to discontinue ground water monitoring at the facility and considered the site "clean". Although a consent to discontinue ground water monitoring was issued by Ecology, Stoneway continued to monitor ground water on a semi-annual basis to comply with additional City of Renton requirements. Ground water monitoring was terminated in January 2002 when samples from all on-site and off-site monitoring locations had contained less than 5.0 micrograms/Liter (µg/L) of PCE for two years.

In addition to PCE, elevated pH has historically been observed at the site. Figure 2, prepared by GeoEngineers and dated January 13, 2000 shows hand-drawn pH contours generated from measurements collected on April 11, 2000. This figure shows elevated pH measurements in ground water originating from the settling pond located along the southern boundary of the site. This figure has been included with this report in Attachment B.

## 2.0 OBJECTIVES

The general objectives of this RI were to:

- Develop a conceptual site model of potential environmental releases and resulting impacts at the site.

- Perform a comprehensive, site-wide data gaps analysis to identify areas of potential concern (AOPCs) and contaminants of potential concern (COPCs) based upon the historical information reviewed for the site.

- Investigate and, if present, delineate the extent of contaminants of concern (COC)s using the AOPCs and COPCs as the basis for sampling.

- Develop site-specific cleanup levels for established COCs.

## 3.0 CONCEPTUAL SITE MODEL

The site is located within the historical flood plain of the Cedar River. In the area of the site the Cedar River Valley is relatively narrow and the site is situated between two upland areas comprised of glacial till sediments from the most recent Vashon Glaciation.

The Cedar River has been in its current flood plain for at least the last 14,000 years, since the end of the Vashon Glaciation. The valley between the two uplands has resulted from erosion as the land level rises after glacial unweighting and the river incises itself to establish a new base level. As such, there is likely only a relatively thin layer of Holocene age alluvium (flood plain sediments) at the site, underlain by a sequence of Pleistocene Age glacial till of varying thickness from earlier glacial events. The Pleistocene age glacial till is in turn underlain by Cretaceous Age consolidated sediments.

The stratigraphic sequence described at a City of Renton drinking water well immediately to the northwest of the site is fully consistent with the depositional history described above. A copy of the log for that well is presented in Attachment C. The boring for this well extended to a maximum depth of about 100 feet below ground surface (bgs) with consolidated sandstone encountered at 99 feet bgs. The sandstone was overlain by materials consistent with a glacial till from about 72 to 99 feet bgs and more permeable alluvial sediments from near the surface down to about 72 feet bgs. The City of Renton well is screened from 50 to 70 feet below grade.

The water table aquifer at the City of Renton well is highly transmissive and, from a 24-inch diameter well, provided a flow rate of 2,235 gallons/minute from a 20-foot screened interval with only 5 feet of drawdown. As noted, the soil and aquifer conditions encountered during the drilling of this well are consistent with the site conceptual model presented above and indicates that the contact between the recent alluvial sediments and the underlying glacial till is at about 72 feet bgs and that the underlying Cretaceous Age consolidated sediments are present at about 100 feet bgs. The exact depths to these contacts will vary with local topographic elevation. The area of the City of Renton well is about 10 to 15 feet higher in elevation than the southern portion of the subject site.

There appears to be a laterally continuous shallow water table aquifer present beneath the site. Unconfined saturated conditions are generally present at a depth of about 10 to 20 feet below grade (depending upon location) and soil appears to be continuously saturated from the top of the water table to a depth of at least 72 feet below grade and possibly down to 100 feet bgs. This unconfined water table aquifer is very likely to be hydraulically connected with the surface water in the Cedar River.

Piezometric data collected at the site indicate that the local ground water flow direction is consistently northwesterly. This finding suggests that the Cedar River recharges the water table aquifer and that ground water flow within the alluvial sediments mimics surface water flow (i.e., along the Cedar River Valley toward Puget Sound.) This is the normal condition that is observed in most western Washington river valleys.

Figure 2 illustrates the current site features. The site has two predominant elevations. The elevation of the entrance is about 10 to 12 feet higher than the lower portion of the property nearer to the river. The property elevation, at it lowest point, is about 10 feet above the summertime level of the Cedar River. It is assumed that prior to development the southern portion of the property had low bank river frontage and that the southern portion of the property has received fill over the years to bring it up to its current elevation.

Much of the property's river frontage is protected with erosion control features such as rip-rap, cast in place concrete walls, "Ecology" blocks, and a poured concrete veneer over the native soils. Very little, if any, of the original low bank frontage remains and there does not appear to be a riparian habitat currently on the property, although a formal habitat assessment was not performed.

The majority of the subject site is currently paved with reinforced concrete that is 4 to 12 inches (or more) thick. This concrete has molded expansion joints, cold joints, and areas with cellulose expansion joint filler. There are unpaved areas in the eastern and western portions of the property and some areas where the concrete is heavily cracked. The site contains subsurface improvements such as storm sewer control in the upper portion of the property. There are several catch basins and oil/water separators in this system and the site reportedly has a valid general storm water permit. Storm water in the lower portion of the site drains to the settlement ponds.

Given the subsurface conditions at the site and the current site features there are several potential modes of impact to the environment. These modes of impact include:

- Surface spillage with subsequent infiltration. This would include recent or historic chemical releases and has the potential to impact both soil and ground water. Such a release could have occurred in both paved and unpaved areas due to cracks and/or joints in the concrete surface. Based upon the known site history, if impacts do exist, this is assumed to be the most likely source of impacts to the property.

- Surface spillage with subsequent run off. This mode of release is most likely to have occurred in paved areas without storm water control. Very few such areas currently exist. Spillage in unpaved areas would need to be of a very large quantity to run off the property and areas that are paved and without storm water control drained via sheet flow to the settlement ponds.

- Subsurface leakage. This mode of release would be possible from former underground tanks, storm sewers, sanitary sewers, oil/water separators, and settlement ponds. Due to the subsurface improvements in the northern portion of the property and the presence of current and former infiltration ponds, this mode of release could have occurred in various area of the property.

- Subsurface discharge directly to the water table aquifer. This mode of release is only possible in areas with deeper below grade discharges that were close to the elevation of the water table. This mode of release is therefore limited to the areas of the current and former settling ponds, and only to the extent that settling ponds were unlined.

Contaminants released into the aquifer would migrate to the northwest in the same direction as ground water flow. Contaminant migration within the ground water depends upon the type of contaminant and the abundance of organic carbon in the aquifer soils. Most organic contaminants would migrate at about one-half the rate of ground water migration whereas inorganic compounds or changes in chemical properties (i.e., pH) could migrate at about the same rate as ground water. Based upon the data collected during the additional phase of investigation, ground water migration rates at the site are relatively rapid. High rates of ground water migration are also conducive to higher rates of natural attenuation due to the enhanced effects of dispersion and dilution.

Given the direction of ground water migration it is not likely that ground water impacts, if present, would impact the Cedar River. Potential historic surface water impacts from the site are expected to have been transient events. Moreover, any one-time or transient releases to the surface water would be quickly attenuated by the surface water flow and mixing within the river. There have been no reported or recorded violations of surface water regulations at the site during Stoneway Concrete's ownership.

The risk of potential impacts to freshwater sediment is likewise considered to be marginal. The Cedar River carries a sediment bed load consisting almost exclusively of coarse sediments and the river is a high-energy environment that scours finer sediments that could contain entrained contaminants. This is especially true during periods of high discharge during the spring snowmelt in the Cascades and during periodic storms. During a site walk, fine-grained sediments were not observed along the site riverbank.

Given the current understanding of the site it is reasonable to conclude that the environmental media most likely to be impacted are soil and ground water. The most likely mode of impact to the soil is through surface or near surface releases in Areas of Potential Concern (AOPCs). Contaminants sorbed to soil have the potential to migrate through infiltration and dissolution to a relatively shallow water table aquifer and then migrate in the dissolved-phase to the northwest.

## 4.0 DATA GAPS AND PHASED INVESTIGATIONS

As mentioned above EPI used a phased investigative approach for this RI. The general phases of investigation were:

- Initial data gaps analysis based upon available data;
- Initial phase of subsurface investigation;
- Data review and additional data gaps analysis;
- Second phase of subsurface investigation; and
- Final phase of subsurface investigation in response to comments from the City of Renton.

The following subsections of this report discuss the methodologies and findings of each phase of investigation.

### 4.1 Initial Data Gap Analysis and AOPCs

This phase of work identified AOPCs based upon documented locations of historic activities and the compounds known to have typically been associated with those activities. The current owners and workers at the facility have first-hand knowledge back to about the mid-1980s. Consequently it was necessary to review other sources of historical information in order to identify the AOPCs.

Initially EPI reviewed the *Draft Phase I Environmental Site Assessment* (ESA) by GeoEngineers dated January 13, 2000, EPI then performed a visual reconnaissance of the current site facilities and more recent on-site activities. The Phase I ESA did not contain detailed historical maps or the source maps or aerial photos that were apparently used as the basis for the figures presented in the Draft Phase I ESA. As a result, the locations and features presented in the Phase I ESA could not be verified.

EPI performed a review of various sources of public domain documents in order to independently assess historical information regarding potential historic on-site activities. EPI's review of historical data, and the supporting documentation are presented in Attachment A. Figure 3 shows the locations of historical features at the site.

AOPCs are generally those areas where historic or current site activities may have included the handling or use of chemicals that may be of regulatory concern. EPI reviewed the available data and identified 13 AOPCs at the site. Each of the AOPCs is summarized in detail in Table 1, and the location of each of the AOPCs is depicted on Figure 4. Table 1 presents a comprehensive summary for each AOPC of the current or historic activities, previous investigative or remedial activities, and the most likely potential mode of release and the compounds most likely to have been released if a release had occurred. Table 1 formed the basis for evaluating potential impacts at the site, the types of investigative approaches used and the chemical analyses performed during the initial phase of subsurface investigation.

### 4.2 Initial Phase of Subsurface Investigation

The general objective of the initial phase of investigation was to assess the nature of contaminants that might be present on the site before attempting to identify the lateral and vertical extent of impacts in later phases of investigation. The basic approach was to assess the presence or absence of those chemicals that may have been released in specific areas of the site, either from historic or more recent activities. As explained below, the initial phase of investigation necessarily evaluated the potential presence of a very broad range of compounds.

EPI mobilized to the site to perform the initial phase of subsurface investigation on March 8, 2004. The following sections describe the investigative methodologies and findings of this initial phase of investigation.

### 4.2.1 Methodology

As noted above, EPI identified 13 AOPCs and the chemicals or families of chemicals that could potentially be present within each. These AOPC and COPCs, as well as the rationale for their selection, are summarized in Table 1 and the AOPCs are presented graphically on Figure 4.

Prior to any fieldwork, EPI contracted with a utility locating service to identify the presence of locatable buried utilities at the site. The utility search was most intense in the northern (upper) portion of the site but a screening level locating effort was also performed on the lower part of the site. The utility locator also attempted to identify the alignment of some of the storm sewer lines in the upper portion of the site since their exact alignment was not well known. At the time of the initial phase of investigation, most of the storm sewer lines were filled with sediment and therefore, the alignment of these lines could not be accurately located using standard methods.

In investigating the AOPCs, EPI collected a combination of surface and near surface soil samples, subsurface soil samples and reconnaissance ground water samples. A total of 74 environmental samples were collected during the initial phase of the investigation.

EPI collected 6 surface and near surface soil samples (i.e., SS-1 through SS-4, SS-6, and SS-7) in the locations depicted on Figure 5. Surface soil samples were collected using standard hand tools and those tools were decontaminated between uses by brushing off loose soil material, washing with tap water followed by scrubbing with a non-phosphate detergent and finally followed by a tap water rinse. Samples submitted for non-volatile analyses were homogenized in a stainless steel bowl and placed in an appropriate sample container supplied by the analytical laboratory. The surface soil samples submitted for analysis are summarized on Table 2 with an "SS" prefix.

EPI also collected 40 subsurface soil samples and 20 reconnaissance ground water samples using standard direct-push technology (DPT) methods and equipment. DPT boring locations are depicted on Figure 5. The soil samples submitted for analysis are summarized in Table 2 and ground water samples submitted are summarized in Table 3. Both soil and ground water samples submitted from DPT borings are designated with the "B" prefix.

Each DPT boring was sampled continuously from the surface down to the target sampling depth. The soil conditions encountered were recorded on descriptive boring logs for each location. Each boring log is presented in this report in Attachment D. With the exception of those borings in which refusal was encountered, borings were advanced to total depths ranging between 13 and 24 feet below grade. Boring depths corresponded to about 5 feet below the unsaturated/saturated interface (i.e., water table) at the time of exploration. For sampling, the DPT sample barrel was lined with a clear acetate liner. The liner was removed from the sample barrel and the sample interval indicated on Table 2 was cut out of the liner section and both ends were capped. This approach limited the potential loss of volatile constituents during the sampling process and provides more reliable and reproducible sample results.

Reconnaissance ground water samples were collected by inserting a temporary stainless steel well screen into the hollow center of the DPT probe and then retracting the protective outer casing to expose the screen to the saturated formation. As noted above, the depth of the sample was within about the upper 5 feet of the water table. Samples were extracted from the screen using a peristaltic pump and

disposable tubing. After purging about 1 gallon of water from the temporary well screen, an aliquot of water was pumped directly into a laboratory-supplied container appropriate for the intended analysis. During sample collection, the pumping rate did not exceed 100 milliliters/minute.

Due to refusal resulting from apparent buried debris, EPI augmented the DPT sampling by performing soil and ground water sampling from excavation test pits at locations TP-8, TP-9, TP-17, and TP-20. Test pit excavation locations are depicted on Figure 5. Merlino Construction provided a track-mounted excavator and an operator to excavate the test pits under EPI's direction. Soil samples were collected from the backhoe bucket. Ground water samples were collected from the open pits using a peristaltic pump and disposable tubing. Ground water sampling techniques, purging, and pumping rates were consistent with the methods used to collect ground water samples from DPT probes. An additional 4 soil samples and 4 ground water samples were submitted for analysis from test pit excavations. Test pit excavation samples are noted on Tables 2 and 3 with a "TP" prefix.

Immediately upon collection, all samples were labeled and placed in an iced cooler pending submittal to the analytical laboratory. All samples were handled and transported using standard chain-of-custody procedures.

The samples collected during the initial subsurface investigation were submitted for a variety of analyses as summarized in Tables 2 and 3. Sample analyses included the following:

- Hydrocarbon Identification (HCID) using the Northwest Total Petroleum Hydrocarbons methods. HCID is a screening method that identifies the presence and the type of petroleum hydrocarbons in a given sample above a threshold concentration. But, does not quantify the concentration. In general, HCID was used to identify the presence and type of hydrocarbons in a sample and, if present, archived samples were submitted for the appropriate follow-up analyses to fully quantify the concentration of petroleum hydrocarbons present using the appropriate method.

- Diesel-range petroleum hydrocarbons (DRPH) using the Northwest Total Petroleum Hydrocarbons as Diesel-Extended (NWTPH-Dx) Method,

- Gasoline-range petroleum hydrocarbons (GRPH) using the Northwest Total Petroleum Hydrocarbons as Gasoline (NWTPH-Gx) Method,

- Aromatic fuel compounds (i.e., benzene, toluene, ethylbenzene, total xylenes; BTEX) using EPA Method 8021B,

- Volatile organic compounds (VOCs) using EPA Method 8260,

- Semivolatile organic compounds (SVOCs) using EPA Method 8270,

- Carcinogenic polycyclic aromatic hydrocarbons (cPAHs) using EPA Method 8270, Selected Ion Method (SIM).

- The 5 Model Toxics Control Act (MTCA) metals (i.e., arsenic, cadmium, chromium, lead, and mercury),
- Polychlorinated biphenyls (PCBs) by EPA Method 8082,
- Formaldehyde by EPA Method 8315-Modified, and
- pH using field techniques and instruments.

As noted in Tables 2 and 3, not all samples were submitted for each of these analyses. Rather, analyses were targeted to those areas where a particular chemical may have been used. In some instances, samples were archived (i.e., stored at the laboratory pending requests for additional analyses). If an initial result indicated that no releases had occurred, then follow-up analysis of the archived samples was not requested. However, if an initial analysis such as HCID indicated the presence of a class of hydrocarbons like DRPH, the necessary samples were available for the follow-up analyses without the need to re-mobilize to the site and collect additional samples.

With the exception of pH, all sample analyses were performed by CCI Laboratories in Everett, Washington. The pH measurements were recorded at the time of sampling using field equipment.

### 4.2.2 Findings

#### 4.2.2.1 Subsurface Conditions

Subsurface conditions observed at the site during the initial investigation indicated that the northern portion of the site is generally underlain by sand containing variable quantities of silt and gravel to a depth ranging from about 5 to 18 feet below grade. This soil type is consistent with flood plain deposits which are expected adjacent to the Green River. The sands were underlain by a brown, very dense, Poorly Graded Sand with Gravel consistent with the Glacial Till commonly encountered in the area of the site. The southern portion of the property was generally underlain by various types of fill material including (but not limited to) concrete, gravel, and sands to depths ranging from near the surface (i.e., 0.5 feet) to 13 feet below grade. General construction debris such as wood, asphalt, cables, and riprap were also encountered in test pit sampling locations in the southwest corner of the property. The Glacial Till also underlies the fill material in the southern portion of the site.

Ground water was encountered at depths ranging from 10 feet below grade in the southern portion of the property to 20 feet below grade in the northern portion of the property. This is consistent with expectations given the change in surface grade from north to south at the site. Due to the sampling technique used during the initial phase of investigation (i.e., DPT borings), a ground water gradient could not be calculated. Ground water gradient information is provided in Section 4.4.2.1.

#### 4.2.2.2 Analytical Results

A comprehensive summary of the compounds detected in soil and ground water for the initial phase of investigation is on Figure 7. Individual analytical results are summarized in Tables 4 and 5. Original laboratory report is included in Attachment E.

In evaluating the analytical results MTCA Method A and Method B soil and ground water cleanup levels were used for screening purposes. Although this RI has evaluated a range of potentially applicable cleanup levels, final cleanup levels have not yet been established. Final cleanup levels would be established in a Cleanup Action Plan (not yet prepared) which would consider the planned land use and the likely exposure scenarios. Final cleanup levels and any institutional and/or engineering controls to be incorporated into the remedial action and development would be fully protective of human health and the environment and subject to Ecology review and approval.

Soil Samples

A total of 50 soil samples were submitted from 28 individual sampling locations for the range of analyses as indicated in Table 2. The analytical results for soil sampling collected during the initial phase of investigation are summarized in Table 4.

GRPH, DRPH and HRPH were detected in a total of 10 soil samples from 9 individual sampling locations using HCID methods. The detected analytes and locations were:

- GRPH – detected in a total of 2 samples from boring B-28;
- DRPH – detected in a total of 8 samples from borings B-7, B-14, B-17, B-19, B-28, SS-3, and SS-7; and
- HRPH – detected in a total of 8 samples from borings B-7, B-14, B-16, B-17, B-19, SS-3, and SS-7.

Using the HCID results as a guide, additional samples were submitted for appropriate follow up analysis using NWTPH-Gx and NWTPH-Dx Methods. The samples were selected for analysis to both quantify the concentrations present and to characterize the vertical extent of those impacts.

GRPH concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 100 milligrams per kilogram (mg/kg) in only two samples from boring B-28. The detected concentrations were 120 mg/kg and 636 mg/kg. GRPH were not detected at a concentration exceeding the detection limit of the method used in any other samples collected at the site. The 100 mg/kg cleanup level is applicable at sites where no benzene is present and the total of ethylbenzene, toluene, and xylene concentrations is less than 1% of the gasoline mixture.

DRPH concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 2,000 mg/kg in only sample B-7:2. DRPH were detected in 14 samples from borings B-7, B-14, B-16,

B-17, B-19, B-28, B-31, SS-3, SS-7, TP-8, and TP-10 at concentrations ranging from 31 mg/kg to 11,000 mg/kg.

HRPH concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 2,000 mg/kg in only sample B-14:2. HRPH were detected in 11 samples from borings B-7, B-14, B-16 through B-19, B-28, B-31, SS-7, and TP-10 at concentrations ranging from 62 mg/kg to 4,600 mg/kg.

Neither benzene nor toluene were detected at concentration exceeding the detection limit of the method used.

Ethylbenzene was detected in one sample (i.e., B-28:14) at a concentration of 0.3 mg/kg. The detected concentration of ethylbenzene did not exceed the MTCA Method A Cleanup Level of 6 mg/kg.

Total xylenes were detected in one sample (i.e., B-28:14) at a concentration of 0.7 mg/kg. The detected concentration of ethylbenzene did not exceed the MTCA Method A Cleanup Level of 9 mg/kg.

No VOCs other than ethylbenzene and total xylenes, were detected at a concentration exceeding the detection limit of the method used.

None of the individual PAHs or TEF-modified total cPAH detected concentrations exceeded an applicable MTCA cleanup level. The following PAHs and their maximum concentrations were detected in soil samples collected from test pits TP-8 and TP-10:

- 1-Methylnaphthalene – 0.03 mg/kg;
- Phenanthrene – 0.04 mg/kg;
- Fluoranthene – 0.08 mg/kg;
- Pyrene – 0.05 mg/kg;
- Benzo[G,H,I]perylene – 0.05 mg/kg;
- Benzo[A]anthracene – 0.03 mg/kg;
- Chrysene – 0.05 mg/kg;
- Benzo[B]fluoranthene – 0.04 mg/kg;
- Benzo[K]fluoranthene – 0.06 mg/kg;
- Benzo[A]pyrene – 0.05 mg/kg; and
- Indeno[1,2,3-CD]pyrene – 0.04 mg/kg.

PCBs were not detected in any soil samples at a concentration exceeding the detection limit of the method used.

Formaldehyde was detected in four soil samples from borings B-6 and B-7. The detected concentrations of formaldehyde ranged from 7.1 mg/kg to 15 mg/kg and exceeded a site specific MTCA Method B Soil Cleanup Level for Protection of Ground Water [using MTCA Equations 747-1 and 747-2 (WAC 173-340-747)] of 0.006 mg/kg. The derivation of this cleanup level is detailed in Section 4.0.

Ground Water Samples

A total of 25 ground water samples were submitted for the range of analyses as indicated in Table 3. The ground water analytical results for the initial phase of investigation are summarized in Table 5.

No petroleum hydrocarbons were detected in the ground water samples submitted for HCID analysis.

GRPH were not detected in ground water samples at a concentration exceeding the detection limit of the method used.

No detected concentrations of DRPH in ground water exceeded the MTCA Method A Cleanup Level of 500 micrograms/Liter (µg/L). DRPH were detected in ground water samples from locations B-29, B-31, TP-8, TP-10, and TP-17 at concentrations ranging from 140 µg/L to 360 µg/L.

Detected concentrations of HRPH exceeded the MTCA Method A Cleanup Levels for Ground Water of 500 µg/L only in sample B-29. HRPH were detected in ground water samples from locations B-29, B-31, TP-8, and TP-17 at concentrations ranging from 270 micrograms/Liter (µg/L) to 1,100 µg/L

BTEX compounds were not detected in any ground water samples at a concentration exceeding the detection limit of the method used.

Carcinogenic PAHs were not detected in any ground water samples at a concentration exceeding the detection limit of the method used. No other PAHs were detected at a concentration exceeding an applicable cleanup level. The following 8 PAHs and their maximum concentrations were detected in ground water samples from locations TP-8 and TP-10:

- Naphthalene – 0.3 µg/L;
- 1-Methylnaphthalene – 0.14 µg/L;
- 2-Methylnaphthalene – 0.15 µg/L;
- Acenaphthene – 0.18 µg/L;
- Fluorene – 0.06 µg/L;
- Phenanthrene – 0.25 µg/L;
- Fluoranthene – 0.13 µg/L; and
- Pyrene – 0.04 µg/L.

Dissolved arsenic was detected in three ground water samples from locations B-25, B-26, and TP-20. The detected concentrations ranged from 9 µg/L to 13 µg/L. The detected concentration in each of these samples exceeded the MTCA Method A Cleanup Levels for Ground Water of 5 µg/L.

None of the remaining MTCA 5 metals (i.e., cadmium, chromium, mercury, and lead) were detected in any ground water samples at a concentration exceeding the detection limit of the method used.

Formaldehyde was detected in one ground water sample (i.e., B-6) at a concentration of 140 µg/L. This detected concentration exceeded the MTCA Method B Cleanup Level for ground water (as drinking water) of 1.46 µg/L.

Measurements of pH in water ranged from 5.21 to 10.54 during the initial phase of investigation. The highest pH measurements were located near the sediment pond located in the south central portion of the property and decreased in the down-gradient direction (i.e., northwesterly, see Section 4.4.2.1 for gradient information). A map showing the distribution of pH measurements in ground water is included on Figure 6.

### 4.3 Additional Data Gap Analysis

After completion of the initial subsurface investigation, EPI compared the resulting analytical data to MTCA Method A and Method B cleanup levels. This comparison formed the basis for a list of remaining data gaps focused primarily on the characterization of the lateral extent of identified impacts. It was EPI's opinion that the initial phase of investigation had adequately evaluated the presence and absence of a very broad range of potential contaminants across the entire site.

A total of six data gaps remained at the site after completion of the initial phase of investigation. A summary of those data gaps, including the rationale for their selection and potential resolution, is included in Table 6. During discussions with Stoneway it became clear that many of the data gaps could be addressed using a remedial scenario consisting of excavation and performance sampling and that additional investigation prior to remedial excavation was not necessary.

After considering the use of excavation as a presumptive remedial scenario, two potential data gaps remained:

- Characterizing the lateral extent of formaldehyde impacts in soil and ground water; and
- Evaluating dissolved arsenic concentrations in ground water at potential points of compliance.

EPI subsequently received authorization to perform an additional subsurface investigation to address these data gaps and complete this RI.

### 4.4 Second Phase of Investigation

EPI mobilized to the site on November 9, 2004 to perform the second phase of subsurface investigation. The general objective of the second phase of investigation was to fill the data gaps identified in section 4.3. Specific objectives included:

- Characterizing the lateral extent of formaldehyde impacts to soil and ground water in AOPC 11; and
- Evaluating concentrations of formaldehyde and arsenic in ground water at the hydraulically down-gradient property boundary.

#### 4.4.1 Methodology

EPI advanced an additional seven direct-push technique (DPT) borings in areas surrounding the previously identified impacts. The locations of the borings for the additional phase of investigation are

indicated on Figure 8. A total of two soil samples and one ground water sample were generally collected from each boring location and submitted for analysis of formaldehyde. Soil and ground water samples were collected using the techniques described above in Section 4.2.1.

Based upon the analytical data from the seven borings discussed above, three monitoring wells (i.e., EPI-MW-2 through EPI-MW-4) were installed based upon the analytical locations indicated on Figure 8. These wells were installed to facilitate ground water quality assessment and monitoring in AOPC 11.

Each well was installed to a total depth of 22 feet below grade. These wells were constructed of 2-inch diameter schedule 40 PVC with 15 feet of 0.01-inch factory slotted well screen. These monitoring wells were completed with traffic-rated flush mounted well monuments.

Seven monitoring wells had been installed at the site by others during prior investigations. The distribution of these monitoring wells is shown in Figure 2 which was prepared by GeoEngineers (dated January 13, 2000) and is provided in Attachment B. Two of these previously-installed wells (i.e. MW-2 and MW-4) could be readily located through visual inspection. These wells were reportedly completed with steel traffic-rated monuments.

EPI utilized the services of Underground Detection Services (UDS) to scan the general locations where site maps indicated the previously-installed wells were located. UDS used a magnetometer to scan for electromagnetic anomalies that could indicate the presence of a buried wellhead. If a wellhead appeared to be present, hand tools were used to unearth the wellhead and inspect it for damage. A total of two existing monitoring wells (i.e., MW-5 and MW-40) were located using this technique. Three of the seven previously existing wells could not be located. Figure 8 shows the locations of all identified and newly-installed wells at the site.

EPI determined that two of the previously-installed wells (i.e., MW-2 and MW-4) could be used for point of compliance monitoring. It should be noted that prior to having the map of existing wells available, EPI sampled MW-2 and designated it as MW-1. Since the existing MW-1 (which could not be located) was replaced by EPI-MW-5, it is appropriate to rename MW-2 to MW-1 for the purposes of this RI. The summary analytical tables and maps reflect this change.

Two new monitoring wells (i.e., EPI-MW-1 and EPI-MW- 5) were installed solely for purpose of point of compliance monitoring. Monitoring wells EPI-MW-1 and EPI-MW-5 were installed to a total depth of 32 and 22 feet below grade, respectively. These wells were installed using the same techniques and construction materials as EPI-MW-2 through EPI-MW-4. Due to its location, EPI-MW-5 was completed with protective above-grade steel monuments to prevent accidental filling or damage by heavy equipment. These two new wells, in addition to the existing wells, provide very good point of compliance monitoring capabilities.

Once the previously-installed monitoring wells were located and the new wells were installed, the vertical elevations and horizontal locations of the wells were surveyed to a common datum. The survey was conducted by a Professional Engineer using standard rod and level techniques with an accuracy 0.01 foot. Using these data, EPI generated a piezometric contour map for shallow ground water at the site.

Each of the new wells was developed by surging and over pumping to remove fines accumulated during well installation. Due to a lack of significant accumulation of fines in the previously-installed monitoring wells, it was not necessary to redevelop those wells.

Following development and purging, each of the new and existing wells was sampled using low-flow sampling techniques. Measurements of pH, conductivity, and temperature were collected and recorded during well purging.

Samples from each well were retained for analysis of dissolved arsenic using EPA Method 6010 and for analysis of formaldehyde using EPA Method 8315-Modified. Samples submitted for analysis of dissolved arsenic were filtered using a 0.45-micron disposable filter and preserved with nitric acid. All samples were collected in laboratory-supplied containers and handled and transported using standard chain-of-custody procedures. Ground water analyses were performed by CCI.

### 4.4.2 Findings

#### 4.4.2.1 Subsurface Conditions

The subsurface soil conditions encountered during the additional phase of investigation were consistent with those observed during the initial phase of investigation.

Ground water was encountered in DPT borings at a depth of approximately 14 feet below grade. Ground water was first encountered in monitoring well borings at depths ranging from 12.5 feet to 23 feet below grade. The piezometric elevation stabilized at depths ranging from 12.15 feet to 23.14 feet below grade. A summary of monitoring well and ground water elevation measurements collected is included in Table 7. The hydraulic gradient for December 2, 2004 was approximately 0.007 feet per foot in a generally northwesterly direction. A ground water elevation contour map is included as Figure 9.

Standard reference values (Freeze and Cherry 1979), indicate that hydraulic conductivity for the poorly-graded sand with silt and gravel at the site likely ranges from $10^{-5}$ to $10^{-1}$ centimeters per second (cm/s). This range corresponds to the reference range for "Silty Sand" and "Clean Sand" and the lower limit for "Gravel".

Using a standard effective porosity value of 0.3, the ground water velocity in the water table aquifer at the site ranges from 22 to 2,230 feet per year (ft/yr). Site-specific hydraulic conductivity data, which reflect actual soil conditions, would be required to better constrain water velocity beneath the site. Such data are not generally necessary at the site since the extent of impacts is now well know and any dissolved-phase impacts are likely in a steady state configuration. It is likely that the shallower soils (10 to 50 bgs) at the site have a lower hydraulic conductivity than the deeper soils (50 to 70 feet bgs) in which the City of Renton drinking water well is screened.

#### 4.4.2.2 Analytical Results

Soil Samples

A total of 14 samples were submitted for formaldehyde analysis from six individual sampling locations. The soil sample analytical results for this phase of investigation are summarized in Table 8 and are presented graphically on Figure 10. The original laboratory report is included in Attachment E.

Formaldehyde concentrations exceeded the MTCA Method B Soil Cleanup Level for Protection of Ground Water (using MTCA Equation 747-1) of 0.006 mg/kg in each of the soil samples submitted. The derivation of this cleanup level is detailed below in Section 5.0. Formaldehyde was detected in 13 soil samples from borings B-34 through B-37, B-39 and B-40 at concentrations ranging from 2.4 mg/kg to 42 mg/kg.

Ground Water Samples

A total of 14 ground water samples were submitted for analysis of formaldehyde and dissolved arsenic. The ground water analytical results for this phase of investigation are summarized in Table 9 and are presented graphically on Figure 10. The original laboratory report is included in Attachment E.

Formaldehyde was detected in one ground water sample (i.e., B-40) at a concentration of 60 µg/L. The detected concentration of formaldehyde exceeded the MTCA Method B Cleanup Level for ground water (as drinking water) of 1.46 µg/L.

Dissolved arsenic was not detected in any of the ground water samples at a concentration exceeding the detection limit of the method used.

### 4.5 Final Phase of Investigation

Due to the necessity of obtaining a City of Renton closure permit prior to any potential redevelopment of the subject property, a draft copy of this RI Report was provided to Ms. Carolyn Boatsman from the City of Renton for review and comment after the second phase of investigation was completed. Based on a review of the draft RI Report, Ms. Boatsman specifically requested that additional ground water sampling be performed on the down-gradient property boundary.

Based on Ms. Boatsman's comments, EPI mobilized to the site on February 24, 2006 to perform the final phase of subsurface investigation. The general objective of the final phase of investigation was to address the City of Renton's concerns and complete the characterization of ground water conditions at the down-gradient property boundary. The specific objective of this work was to further evaluate the potential presence of petroleum hydrocarbons and volatile organic compounds in ground water at the hydraulically down-gradient property boundary.

### 4.5.1 Methodology

To address the City of Renton concerns, EPI advanced two additional DPT borings along the northern property boundary. The locations of the borings for the final phase of investigation are indicated on Figure 11. One ground water sample was retained from each boring for analysis of:

- GRPH by NWTPH-Gx Methods;
- DRPH and HRPH by NWTPH-Dx Methods; and
- VOCs by EPA Method 8260.

Ground water samples were collected using the techniques described above in Section 4.2.1.

### 4.5.2 Findings

#### 4.5.2.1 Subsurface Conditions

The subsurface soil conditions encountered during the final phase of investigation were consistent with those observed during the initial phase of investigation.

Ground water was encountered in the two DPT borings at depths of 22.5 feet and 23 feet below grade during the final phase of investigation.

#### 4.5.2.1 Analytical Results

A total of two ground water samples were submitted for analysis of GRPH, DRPH, HRPH, and VOCs. Neither GRPH, DRPH, HRPH, nor any VOCs analytes were detected above the detection limit of the method used in either of the ground water samples submitted during the final phase of investigation. The original laboratory report is included in Attachment E.

Figure 12 presents a summary of the analytical suite and general results of the analysis performed in ground water at the down-gradient property boundary during all phases of investigation.

## 5.0 CONTAMINANTS OF CONCERN AND CLEANUP LEVELS ANALYSIS

Cleanup levels are a performance standard for whatever remedial action may be appropriate at a particular site. The cleanup levels to be used must be protective of human health and the environment based upon the exposure pathways that remain after completion of the selected remedial action and implementation of engineering controls (if any). Therefore, for the same chemical compounds, different cleanup levels are available for differing final exposures. For example, if a site is fully capped with asphalt or concrete and used for parking it may be permissible to allow a higher concentration of a contaminant to remain on a site than if the site were to be uncapped and used for recreational purpose.

Site-specific cleanup levels must be appropriate for, and consistent with, the ultimate land use scenario. EPI has therefore developed various cleanup levels based upon differing potential land uses.

A point of compliance is that point on a property where the cleanup level is attained. The point of compliance is ideally throughout an entire site, but a "conditional" point of compliance may also be established. There may also be different points of compliance for different contaminants at a site (i.e., formaldehyde versus petroleum hydrocarbons) or for different media (i.e., soil versus ground water). The point of compliance must also be protective of human health and the environment based upon the intended land use.

If a conditional point of compliance is incorporated into site remediation, or if cleanup levels are based upon specific exposure scenarios, Ecology may require the use of Institutional Controls. For example, an commercial or mixed use property that incorporates the use of a cap to limit exposure to soils would likely carry a restrictive covenant attached to the property deed that requires maintenance of the cap, notification of Ecology of changes in property ownership, notification of Ecology prior to intended changes in land use, or other requirements that would generally preclude the property owner from redeveloping the property for a different purpose.

The MTCA regulation establishes Method B as the "Universal Method" and the procedures in Method B can be applied to both ground water (WAC 173-340-720) and soil (173-340-740) for any compound at any site. MTCA Method A is intended to be a simplified set of values for the most common subset of contaminants in soil and ground water at relatively simple sites. Method A is considered to be equally as protective of the environment as Method B, but is predicated on the most restrictive exposure pathway, which is generally protection of ground water as a drinking water source.

The contaminants of concern (COCs) for the site were selected by screening the concentrations of each detected compound against the Method A and Method B "Book Values" for Unrestricted Land Uses. Based on this review, the COCs at the site vary for soil and ground water. The COCs for soil at the site are:

- GRPH;
- DRPH;
- HRPH; and
- Formaldehyde.

The COCs for ground water at the site are:

- Arsenic; and
- Formaldehyde.

When considering potential cleanup levels for the COCs at the site for evaluation purposes, there are three potential exposure pathways to be considered:

- Direct human contact with impacted soils;
- Ingestion of impacted drinking water; and
- Vapor migration from contaminants in soil and ground water to indoor air of potential future structures.

It should be noted that this evaluation process does not consider the use of institutional controls or engineering controls. Such controls (e.g., placement of a vapor barrier) could be used to eliminate a potential exposure pathway (e.g., vapor exposure) that would then allow the use of a cleanup level that might not be applicable in the absence of an institutional or engineering control.

Although the site is located adjacent to the Cedar River, the piezometric data collected quarterly or semi-annually from 1998 to 2002 has consistently shown that the Cedar River recharges the local ground water table (i.e. ground water flows away from the river) and it is therefore not appropriate to consider potential surface water or sediment exposures.

The cleanup levels for GRPH, DRPH, and HRPH in soil that are least restrictive of future land uses at the site are the MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses. MTCA Method A Cleanup Levels for Unrestricted Land Uses are protective of the direct contact pathway, protective of ground water, and are generally considered protective of the indoor air exposure pathway. In addition, a lack of detected volatile carcinogenic compounds associated with the GRPH, DRPH, and HRPH (e.g., benzene) would eliminate the indoor air migration as a pathway of concern for these compounds.

In general, the process for identifying potentially applicable cleanup levels for formaldehyde in soil and ground water included the following:

- Identifying the appropriate MTCA cleanup level for ground water that is protective of ingestion as drinking water;
- Calculating site-specific soil cleanup levels that would be protective of indoor air for two construction scenarios of potential future on-site structures (i.e., a structure with, or without, a below grade living space);
- Calculating a ground water cleanup level that is protective of indoor air for each of the two construction scenarios;
- Calculating site-specific soil cleanup levels that would be protective of ground water as drinking water and protective of ground water as a source of vapors for a proposed structure with and without a basement; and
- Identifying the applicable MTCA cleanup level for direct contact of impacted soils.

The MTCA Method B cleanup level for formaldehyde in ground water as drinking water is 1.46 µg/L. This cleanup level is based on an allowable excess cancer risk of 1 in 1,000,000; the maximum allowable for a single compound.

As stated above, the MTCA regulation requires evaluating potential indoor air exposures that could result from the indoor intrusion of vapors from volatile compounds present in soil and ground water underlying a living or working spaces. This evaluation is performed using the Johnson & Ettinger (J&E) model developed by the United States Environmental Protection Agency (EPA) version 3.0, dated April 2003. The calculations are based on either default values or conservative assumptions for site-specific parameters. The results serve as a quantitative first-tier screening assessment to calculate those concentrations of formaldehyde in soil and ground water that would be protective of the indoor air exposure pathway. Results of the J&E screen are presented in Table 10.

According to the J&E model, the maximum detected concentration of formaldehyde in soil (42 mg/kg) represents about a 1 in 1,000 excess cancer risk for an at grade structure and about a 2 in 1,000 excess cancer risk in a structure with a basement. Both of these risks exceed the allowable single compound risk of 1 in 1,000,000 for a residential scenario. The J & E Model indicates that a soil cleanup level protective of indoor air exposure is 0.031 mg/kg for an at grade structure and 0.021 mg/kg for a structure with a basement.

The maximum detected concentration of formaldehyde in ground water of 140 µg/L represents about a 1.1 in 1,000,000 excess cancer risk in a structure with a basement. This risk slightly exceeds the allowable single compound risk of 1 in 1,000,000 for a residential scenario. The 140 µg/L concentration of formaldehyde in ground water represents about a 0.7 in 1,000,000 excess cancer risk for indoor air exposure in an at grade structure, which does not exceed the allowable single compound risk of 1 in 1,000,000 for a residential scenario. The ground water cleanup level protective of indoor air exposure is 124 µg/L for an at grade structure and 195 µg/L for a structure with a basement based upon the J&E analysis of current site conditions

Based upon the J&E analysis of current site conditions, the presence of formaldehyde in soil at the site represents more of a human health risk than formaldehyde in ground water. Current ground water impacts only slightly exceed the allowable indoor air exposure risk for a structure with a basement, and comply for an at-grade structure. However, the indoor air exposure risk posed by soil impacts substantially exceeds the allowable risk for both an at-grade structure and a structure with a basement. It is again important to point out that this evaluation cannot consider the risk that would be posed if an institutional control or engineered control is used as part of a remedial strategy. Rather this evaluation can be used to assess where an institutional control or a type of engineered control may be useful in eliminating or mitigating a particular site risk.

Given the location of COCs at the site, indoor air is not currently a concern as there are no structures above any of the compounds detected in soil and ground water. However, future development of the site may include additional structures and indoor air exposures, and methods for mitigating those exposures, should be considered.

MTCA considers soil impacts to be a potential source of impact to ground water and requires that soil cleanup levels be protective of ground water exposure pathways. Therefore, soil cleanup levels were also calculated using the equations 747-1 and 747-2 in WAC 173-340-747 for the following scenarios:

- Protection of ground water as drinking water;
- Protection of ground water for indoor air at a structure with a basement; and
- Protection of ground water for indoor air at a structure without a basement.

Results of these calculations are presented in Table 11. The calculated soil cleanup levels ranged from 0.006 mg/kg for protection of ground water as drinking water to 0.8 mg/kg for protection of indoor air vapors from ground water for a structure without a basement.

The MTCA Method B cleanup level for protection of direct contact with formaldehyde in soil is 33.3 mg/kg. This concentration is not protective of ground water as drinking water or of the indoor air exposures. Only one of the observed formaldehyde concentrations exceeds this cleanup level.

Each of the derived cleanup levels for formaldehyde in soil at the site is potentially applicable. The applicability of these cleanup levels depends upon the selected future land use and Stoneway's ability to use restrictive covenants or engineering controls as a component of redevelopment. For example, the 33.3 mg/kg cleanup level could potentially be used if Stoneway were to place an impervious surface (e.g. concrete, asphalt, etc.) over the area of formaldehyde impacts and use restrictive covenants and ground water monitoring at the conditional point of compliance. However, if future development included a residential land use scenario, one of the formaldehyde cleanup levels that is protective of indoor air quality may be more appropriate, or the use of an engineered control such as a vapor barrier to eliminate the indoor air exposure pathway may be incorporated into the remedial action. A range of remedial options that incorporate institutional and engineered controls into the remedial strategy is potentially applicable at the site, as long as the final remedial scenario can be demonstrated to be fully protective of human health and the environment.

A summary of the potentially applicable soil cleanup levels for formaldehyde is presented in Table 12.

The MTCA Method A cleanup level for arsenic in ground water is 5 µg/L, which is based on a drinking water scenario. This value is also the federal maximum contaminant level (MCL). Since arsenic is not a volatile compound, the indoor air exposure pathway is eliminated. The MTCA Method B cleanup level for arsenic, using a drinking water scenario is 0.0583 µg/L. The Method B value is generally considered to be overly conservative and does not account for natural background concentrations. The MTCA Method A cleanup level of 5 µg/L is almost universally used for arsenic in ground water.

The MTCA regulation also requires an evaluation of potential risks to ecological receptors and could potentially require the performance of a Terrestrial Ecological Evaluation (TEE) (WAC 173-340-7490). The MTCA regulation also provides exclusions from performance of a TEE (WAC 173-340-7491) or for performing a simplified TEE (WAC 173-340-7492). For the purposes of this document EPI has assumed that the site will not pose an ecological threat after site development and that it will be

excluded from performance of a TEE either under WAC 173-340-7491 or –7492. This assumption is based upon the following:

- After development, remaining impacted soils (if any) will be covered with buildings, pavement or other physical barriers that will prevent ecological exposures and are exempt from a TEE under WAC 173-340-7491(1)(b), and

- Formaldehyde is not a Priority Chemical of Ecological Concern and is excluded from a TEE under WAC 173-340-7492(2)(c).

It is expected that any of the cleanup levels presented above are fully protective of human health and the environment through a combination of remedial actions, engineering controls, and institutional controls.

It should also be recognized that some of the cleanup levels calculated using the MTCA methods may be below the capability of analytical methods (i.e. soil concentrations protective of indoor air). MTCA recognized this and, in such cases, allows the practical quantitation limit (PQL) for the analytical method to be used as the functional cleanup level. In the case of formaldehyde in soil, the most restrictive cleanup level would likely be a PQL of about 0.5 mg/kg.

## 6.0 CONCLUSIONS

The findings for this RI support the following:

- The site has been adequately characterized and the nature and extent of environmental impacts are well understood. The RI has allowed for the identification of COCs, development of appropriate and potentially applicable cleanup levels and an evaluation of remedial alternatives and strategies.

- A shallow water table is present at the site at depths ranging from 12.15 feet to 23.14 feet below grade. The hydraulic gradient for December 2, 2004 is approximately 0.007 feet per foot in a generally northwesterly direction. Using standard reference values, the ground water velocity of the water table aquifer at the site ranges from 22 to 2,230 feet per year (ft/yr), and likely varies significantly with depth.

- Subsurface conditions observed at the site during the initial investigation indicate that the northern portion of the site is generally underlain by sand containing variable quantities of silt and gravel to a depth ranging from about 5 to 18 feet below grade. This soil type is consistent with river flood plain deposits. The sands were underlain by brown, very dense, poorly graded sand with gravel consistent with glacial till. The southern portion of the property was generally underlain by various types of fill material including (but not limited to) concrete, gravel, and sands to depths ranging from near surface (i.e., 0.5 feet) to 13 feet below grade. General construction debris such as wood, asphalt, cables, and riprap were encountered in many of the sampling location in the southwest corner of the property. Glacial till underlies the fill material in the southern portion of the site.

- GRPH impacts exceeding an applicable MTCA cleanup level were observed in soil in one location at the site. Based upon the location of the detected impacts, the likely mode of release was from historical USTs. Although the extent of GRPH was not fully characterized, the presumed remedy would be direct excavation with on-site ex situ bioremediation with performance sampling at the limits of remedial excavation. The goal of remedial excavation would be to attain MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses throughout the excavation. GRPH were not detected in ground water above an applicable MTCA cleanup level.

- DRPH and HRPH impacts exceeding applicable MTCA cleanup levels in several near surface locations. The likely mode of release is surface release to soils with limited infiltration. Although the extent of DRPH and HRPH were not fully characterized, the presumed remedy would be direct excavation and performance sampling at the limits of remedial excavation. The goal of remedial excavation would be to attain MTCA Method A Soil Cleanup Level for Unrestricted Land Uses throughout the excavation. Neither DRPH or HRPH were not detected in ground water above an applicable MTCA cleanup level.

- Formaldehyde impacts were observed in soils within, and adjacent to, the southern portion of the former batch plant. Various cleanup levels have been calculated for several scenarios (i.e., protection of ground water as drinking water, protection of ground water for indoor air at a structure with a basement; and protection of ground water for indoor air at a structure without a basement). Each of the detected concentrations of formaldehyde exceeded one of the potentially applicable cleanup levels for formaldehyde. Depending upon the remedial goals of the property and the planned land use, any of the calculated formaldehyde cleanup levels in soil, in combination with institutional controls, may be applicable. It should be noted that vapor impacts to residences other than on the ground floor or basement are not considered by MTCA and are presumed to not be at risk. Therefore, almost any land use that involves subsurface parking or elevated residences, so long as a permeable concrete cap is maintained, will likely be applicable at the site.

- Formaldehyde impacts were observed in ground water samples from DPT sampling locations at concentrations slightly exceeding a potentially applicable cleanup level. However, formaldehyde was not detected in ground water samples from any monitoring wells in and immediately down-gradient of the formaldehyde-impacted soils, or at the boundary of the property in any of the monitoring wells installed. One of the monitoring wells was installed immediately adjacent to the highest detected formaldehyde concentration detected in a reconnaissance sample. It is likely that the formaldehyde concentration in that water sample resulted from "drag down" of a small amount of impacted soil into the ground water. Continued ground water monitoring will be needed to confirm the absence of formaldehyde in ground water. This finding supports the conclusion that formaldehyde in ground water does not represent a substantial risk to human health or the environment. In addition, this issue could potentially be addressed through the use of institutional controls limiting the uses of ground water for beneficial purposes. This would be possible because the monitoring wells at the property boundary would establish a point of compliance of formaldehyde (if present) in ground water.

- No dissolved arsenic was observed in samples from monitoring wells at the down-gradient property boundary. Dissolved arsenic impacts were observed in ground water samples collected using DPT and test pit sampling techniques. Dissolved arsenic is likely a by-product of dissolution of natural background metals resulting from high pH soil and ground water conditions. Removal of high pH soil should allow for natural attenuation of the limited amount of dissolved arsenic observed in the ground water in the interior at the site. The available data strongly indicate that dissolved arsenic in shallow ground water at the site does not extend off-site.

- The source of the high pH conditions in ground water appears to be the large settling pond located on the southern boundary of the site. A comparison of data from April of 2000 collected by GeoEngineers shows that pH conditions have decreased since the concrete batch plant ceased operation in 2002. This supports the concept that removal of high pH materials (i.e., sediment in settling ponds) and natural attenuation would be an effective approach to remediation of pH conditions at the site.

**Limitations and Exceptions**

To the extent that this RI has required judgment, there can be no assurance that fully definitive or desired results were obtained, or if any results were obtained, that they were supportive of any given course of action. The services have included the application of judgment to scientific principles; to that extent, certain results of this work have been based on subjective interpretation. We make no warranties, express or implied including without limitation, warranties as to merchantability or fitness for a particular purpose. The information provided in this report is not to be construed as legal advice.

This report was prepared solely for Stoneway Concrete and the contents thereof may not be used or relied upon by any other person without the express written consent and authorization of Environmental Partners, Inc.

**Table 1**

**Summary of AOPCs**

**Remedial Investigation Report**

**Stoneway Concrete**

**1915 SE Maple Valley Highway, Renton, Washington**

| AOPC Number | AOPC Name | Apparent Historic Activities | Previous Investigative Activities | Most Probable Potential Mode of Release | Potential Compounds Used in AOPC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Vehicle Fuels and Lubricants | Heating Oil | Solvents | Metals | Paints | PCBs | Other |
| 1 | Truck/Maintenance Shop | Vehicle/Engine overhaul. Heavy equipment maintenance and service. | None | 1. Surface releases and subsurface infiltration. 2. Releases to catch basins. | X | | X | X | X | | |
| 2 | Warehouse/Lube Room | Lubricant storage. Waste Oil storage. Vehicle service. | None | 1. Surface releases and subsurface infiltration. 2.Releases to catch basins. | X | | X | X | | | |
| 3 | Former Boiler Room/Heating Oil | Assumed to be steam heat or steam for historic processes. | None | 1. Subsurface release from heating oil UST. | | X | | | | | |
| 4 | Batch Plant/Chemical Storage and Transformer Area | Concrete mixing. Chemical storage. 4 elevated transformers. | None | 1. Surface spillage and leaching of admixtures. 2. Releases of dielectric fluid from transformers. | | | | | | X | X (formal-dehyde) |
| 5 | Former Asphalt Batch Plant | Mixing and production of Asphalt. Raw material storage. | None | 1. Surface releases of oils, combustion wastes, and cleaning fluids with subsequent subsurface infiltration. | X | X | X | | | | X (cPAHs) |
| 6 | Former Manufacturing Structure Ca. 1957 | Unknown. | None | 1. Assumed surface release. Chemical types unknown. | X | X | X | X | | | X (broad scan) |
| 7 | Former Renton Security Concrete | Pre-cast concrete manufacturing | None | 1. Surface releases and potential subsurface infiltration of mold release compounds and mold cleaning compounds. | X | | X | | | | |
| 8 | Surface Truck Parking | Daily vehicle parking | None | 1. Surface releases of vehicle fuels and oils. | X | | | | | | |
| 9 | Surface Equipment Storage and Northwest Mini Load Concrete | Equipment/vehicle storage, material laydown area. Equipment maintenance. | None | 1. Surface releases of fuels and solvents during equipment maintenance. | X | | X | | | | |
| 10 | Various Former settling Ponds | Washout/sediment settling. | None | 1. Subsurface releases of pond constituents. | | | | | | | X (pH) |
| 11 | Documented PCE/pH Ground Water Plume | Mixing clean soil with high pH pond sediment. Resulted from reciept of apparent undocumented contaminated soil. | Closure of PCE issue. | 1. Subsurface release of PCE contaminated water and high pH source materials. 2. Continued leaching of high pH material. | | | X | | | | X (pH) |
| 12 | Storm water system | Receive surface water and equipment maintenance wash waters near maintenance areas. | Remediation near overspray area by Tire Building | 1. Subsurface release from piping/catch basins of surface runoff and vehicle/equipment wash water. | X | | X | | | | |
| 13 | Former UST Area | Fuel storage | None | 1. Subsurface release to soil and/or ground water from former USTs and product piping. | X | | | | | | |

**Table 2**

**Summary of Requested Soil Analysis - Initial Phase**

**Remedial Investigation Report**

**Stoneway Concrete**

**1915 SE Maple Valley Highway, Renton, Washinton**

| Sample Location | Depth | HCID by NWTPH Methods | Gasoline-Range Petroleum Hydrocarbons by NWTPH-Gx Methods | Deisel-Range Petroleum Hydrocarbons by NWTPH-Dx Methods | BTEX by EPA Method 8021B | Volatile Organic Compounds by EPA Method 8260B | Polycyclic Aromatic Hydrocarbons by EPA Method 8270 SIM | PCBs by EPA Method 8082 | Formaldehyde by EPA Method 8315 |
|---|---|---|---|---|---|---|---|---|---|
| B-1 | 2 | X | | | | | | | |
| | 10 | X | | | | | | | |
| B-2 | 2 | X | | | | | | | |
| B-3 | 2 | X | | | | | | | |
| | 10 | X | | | | | | | |
| B-4 | 2 | X | | | | | | | |
| | 10 | X | | | | | | | |
| B-6 | 2 | | | | | | | X | X |
| | 10 | | | | | | | | X |
| B-7 | 2 | X | | X | | | | X | X |
| | 10 | | | | | | | | X |
| B-9 | 2 | | X | X | | X | X | | |
| B-13 | 2 | X | | | | X | | | |
| | 10 | X | | | | X | | | |
| B-14 | 2 | X | | X | | X | | | |
| | 9 | X | | | | X | | | |
| B-15 | 0.5 | X | | | | X | | | |
| B-16 | 0.5 | X | | X | | X | | | |
| | 2 | | | X | | | | | |
| | 10 | | | X | | | | | |
| B-17 | 0.5 | X | | X | | X | | | |
| | 2 | | | X | | | | | |
| B-18 | 0.5 | X | | X | | X | | | |
| | 2 | | | X | | | | | |
| B-19 | 0.5 | X | | X | | X | | | |
| | 2 | | | X | | | | | |
| | 10 | | | X | | | | | |
| B-27 | 5 | X | | | | | | | |
| | 10 | X | | | | | | | |
| B-28 | 5 | X | | | | | | | |
| | 10 | X | | | | | | | |
| | 14 | X | X | X | X | | | | |
| | 17 | X | X | X | X | | | | |
| B-29 | 5 | X | | | | | | | |
| | 10 | X | | | | | | | |
| B-30 | 10 | | X | X | X | | | | |
| B-31 | 2 | | X | X | X | | | | |
| | 10 | | X | X | X | | | | |
| B-32 | 6 | X | | | | | | | |
| | 10 | X | | | | | | | |
| SS-1 | 0.5 | | | | | | | X | |
| SS-2 | 0.5 | | | | | | | X | |
| SS-3 | 0.5 | X | | X | | X | | | |
| SS-4 | 0.5 | X | | | | X | | | |
| SS-6 | 0.5 | X | | | | X | | | |
| SS-7 | 0.5 | X | | X | | X | | | |
| TP-8 | 2 | | X | X | | X | X | | |
| | 10 | | X | X | X | | | | |
| TP-10 | 2 | | X | X | | X | X | | |
| | 12 | | X | X | | X | X | | |

**Table 3**

**Summary of Requested Ground Water Analysis - Initial Phase**

**Remedial Investigation Report**

**Stoneway Concrete**

**1915 SE Maple Valley Highway, Renton, Washinton**

| Sample Location | HCID by NWTPH Methods | Gasoline-Range Petroleum Hydrocarbons by NWTPH-Gx Methods | Deisel- and Higher-Range Petroleum Hydrocarbons by NWTPH-Dx Methods | BTEX by EPA Method 8021B | Volatile Organic Compounds by EPA Method 8260B | Semivolatile Organic Compounds by EPA Method 8270 | Polycyclic Aromatic Hydrocarbons by EPA Method 8270 SIM | PCBs by EPA Method 8082 | Formaldehyde by EPA Method 8315 | MTCA Metals[(a)] by EPA 6000/7000 Series Methods | pH (using a Hanna pH field instument) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B-1 | | X | X | | X | X | | | | X | X |
| B-3 | | X | X | | X | | | | | X | X |
| B-4 | | X | X | | X | | | | | X | X |
| B-5 | | | X | | | | | | | | X |
| B-6 | | | | | | | | X | X | | X |
| B-7 | X | | | | | | | X | X | | X |
| B-11 | | X | X | | X | | | | | | X |
| B-12 | | X | X | | X | | | | | | X |
| B-15 | X | | | | X | | | | | | X |
| B-16 | X | | | | X | | | | | | X |
| B-19 | | X | X | | X | | | | | X | X |
| B-22 | | | | | | | | | | X | X |
| B-25 | | | | | | | | | | X | X |
| B-26 | | | | | | | | | | X | X |
| B-27 | | X | X | X | | | | | | | X |
| B-28 | | X | X | X | | | | | | | X |
| B-29 | | X | X | X | | | | | | | X |
| B-30 | | X | X | X | | | | | | | X |
| B-31 | | X | X | X | | | | | | | X |
| B-32 | | X | X | X | | | | | | | X |
| MW-1 | | X | X | | X | | X | | | | X |
| TP-8 | | X | X | | X | | X | | | | X |
| TP-10 | | X | X | | X | | X | | | | X |
| TP-17 | | X | X | | X | | | | | | X |
| TP-20 | | | | | | | | | | X | X |

Notes:

(a) Arsenic, cadmium,chromium, lead, and mercury

**Table 4**
**Summary of Detected Compounds in Soil - Initial Phase**
**in Milligrams per Kilogram (mg/kg)**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 SE Maple Valley Highway, Renton, Washington**

| Sampling Location | Depth | Total Petroleum Hydrocarbons | | | | | | Aromatic Fuel Compounds | | | | Polycyclic Aromatic Hydrocarbons by EPA Method 8270 SIM | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Carcinogenic Polycyclic Aromatic Hydrocarbons | | | | | | | | | |
| | | HCID-Gas Range[a] | HCID-Diesel Range[a] | HCID-Oil Range[a] | Gasoline-Range Petroleum Hydrocarbons[b] | Diesel-Range Petroleum Hydrocarbons[c] | Higher-Range Petroleum Hydrocarbons[c] | Ethylbenzene[d] | M+P Xylenes[c] | O Xylenes[d] | Total Xylenes[c] | Naphthalene | 2-Methylnaphthalene | 1-Methylnaphthalene | Phenanthrene | Fluoranthene | Pyrene | Benzo(G,H,I)perylene | DiBenz(a,h)anthracene | Benzo(A)anthracene | Chrysene | Benzo(B)fluoranthene | Benzo(K)fluoranthene | Benzo(A)pyrene | Indeno(1,2,3-CD)pyrene | TEF Modified cPAHs[f] | Formaldehyde[g] |
| B-1 | 2 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-2 | 2 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-3 | 2 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-4 | 2 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-5 | | NA | NA | NA | NA | <25 | <50 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-6 | 2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | 7.1 |
| | 10 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | 14 |
| B-7 | 2 | <20 | >50 | >100 | NA | 11,000 | 480 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | 9.4 |
| | 10 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | 15 |
| B-9 | 2 | NA | NA | NA | <3 | <25 | <50 | <0.01 | <0.02 | <0.01 | NA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | – | NA |
| B-13 | 2 | <20 | <50 | <100 | NA | NA | NA | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | <20 | <50 | <100 | NA | NA | NA | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-14 | 2 | <20 | >50 | >100 | NA | 1,100 | 4,600 | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 9 | <20 | <50 | (<100) | NA | NA | NA | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-15 | 0.5 | <20 | <50 | (<100) | NA | NA | NA | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-16 | 0.5 | <20 | <50 | >100 | NA | 45 | 300 | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 2 | NA | NA | NA | NA | <25 | <50 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | NA | NA | NA | NA | 48 | <50 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-17 | 0.5 | <20 | >50 | >100 | NA | 240 | 1,100 | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 2 | NA | NA | NA | NA | 59 | 220 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-18 | 0.5 | <20 | <50 | >100 | NA | <25 | <50 | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 2 | NA | NA | NA | NA | <25 | 130 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-19 | 0.5 | <20 | >50 | >100 | NA | 55 | 150 | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 2 | NA | NA | NA | NA | <25 | <50 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | NA | NA | NA | NA | <25 | <50 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-27 | 5 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-28 | 5 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 14 | >20 | >50 | <100 | 120 | 290 | <50 | 0.3 | NA | NA | 0.7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 17 | >20 | >50 | <100 | 630 | 630 | <50 | <0.1 | NA | NA | 0.6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-29 | 5 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-30 | 10 | NA | NA | NA | <3 | <25 | <50 | <0.05 | NA | NA | <0.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-31 | 2 | NA | NA | NA | <3 | <25 | 62 | <0.05 | NA | NA | <0.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | NA | NA | NA | ND | 1,200 | <50 | <0.05 | NA | NA | <0.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| B-32 | 6 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| | 10 | <20 | <50 | <100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| SS-1 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| SS-2 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| SS-3 | | <20 | >50 | >100 | NA | 59 | <50 | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| SS-4 | | <20 | <50 | <100 | NA | NA | NA | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| SS-6 | | <20 | <50 | <100 | NA | NA | NA | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| SS-7 | | <20 | >50 | >100 | NA | 49 | 170 | <0.01 | <0.02 | <0.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| TP-8 | 2 | NA | NA | NA | <3 | 39 | <50 | <0.01 | <0.02 | <0.01 | NA | <0.02 | <0.02 | 0.03 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | – | NA |
| | 10 | NA | NA | NA | <3 | 31 | <50 | <0.05 | NA | NA | <0.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | – | NA |
| TP-10 | 2 | NA | NA | NA | <3 | 32 | 160 | <0.01 | <0.02 | <0.01 | ND | <0.02 | <0.02 | <0.02 | 0.04 | 0.08 | 0.05 | 0.05 | <0.02 | 0.03 | 0.05 | 0.04 | 0.06 | 0.05 | 0.04 | 0.0715 | NA |
| | 12 | NA | NA | NA | <3 | 32 | 160 | <0.01 | <0.02 | <0.01 | ND | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | – | NA |
| **MTCA Method A Soil Cleanup Level for Unrestricted Land Uses** | | n/a | n/a | n/a | 30[h]/100[i] | 2,000 | 2,000 | 6 | n/a | n/a | 9 | 5[j] | | | NVE | NVE | NVE | NVE | 0.1[k] | | | | | | | | NVE |
| **MTCA Method B Cleanup Level for Direct Contact Pathway: Unrestricted Land Use** | | n/a | n/a | n/a | NVE | NVE | NVE | 8,000 | 160,000 | 160,000 | 160,000 | 1,600[j] | | | NVE | 320 | 240 | NVE | 0.137 | 0.137 | 0.137 | 0.137 | 0.137 | 0.137 | 0.137 | – | 33.3 |
| **MTCA Method B Soil Cleanup Level for Protection of Ground Water (using MTCA Equation 747-1)** | | n/a | n/a | n/a | NC | NC | NC | NC | NC | NC | NC | NC | | | NVE | 631 | 655 | NVE | – | – | – | – | – | – | – | 0.23 | 0.006 |

Notes:
(a) Hydrocarbon Identification by NWTPH-HCID Methods
(b) By NWTPH-Gx Methods
(c) By NWTPH-Dx Methods
(d) By EPA Method 8021B
(e) By EPA Method 8260B
(f) Toxicity Equivalence Factor for cPAHs from CalEPA, 1994. *"Benzo(a)pyrene as a toxic air contaminant. Part B: Health Assessment,"*Office of Environmental Health Hazard Assessment, California Environmental Protection Agency, Berkely, CA.

(g) By EPA Method 8315
(h) If no benzene is present and the total of ethylbenzene, toluene, and xylenes are less than 1% of the gasoline mixture
(i) All other GRPH mixtures
(j) Cleanup Level for total Naphthalenes
(k) Cleanup Level for TEF Modified cPAHs
NA = Not Analyzed
NVE = No Value Established

**Table 5**
**Summary of Detected Compounds in Ground Water - Initial Phase**
**in Micrograms per Liter (µg/L)**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 SE Maple Valley Highway, Renton, Washington**

| Sampling Location | TPH[a] | | Polycyclic Aromatic Hydrocarbons by EPA Method 8270 SIM | | | | | | | | Arsenic[b] | Formaldehyde[c] | pH (measured using a Hanna pH field instrument) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Deisel-Range Petroleum Hydrocarbons | Higher-Range Petroleum Hydrocarbons | Naphthalene | 1-Methylnaphthalene | 2-Methylnaphthalene | Acenaphthene | Fluorene | Phenanthrene | Fluoranthene | Pyrene | | | |
| B-1 | <130 | <250 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <5 | NA | 6.4 |
| B-3 | <130 | <250 | <2 | NA | NA | NA | NA | NA | NA | NA | <5 | NA | 6.52 |
| B-4 | <130 | <250 | <2 | NA | NA | NA | NA | NA | NA | NA | <5 | NA | 5.32 |
| B-5 | <130 | <250 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.39 |
| B-6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | **140** | 7.28 |
| B-7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <20 | 7.25 |
| B-11 | <130 | <250 | <2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.55 |
| B-12 | <130 | <250 | <2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.42 |
| B-15 | NA | NA | <2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6.34 |
| B-16 | NA | NA | <2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7.37 |
| B-19 | <130 | <250 | <2 | NA | NA | NA | NA | NA | NA | NA | <5 | NA | 7.43 |
| B-22 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <5 | NA | 6.43 |
| B-25 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | **9** | NA | 10.6 |
| B-26 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | **9** | NA | 10.54 |
| B-27 | <130 | <250 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.67 |
| B-28 | <130 | <250 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.45 |
| B-29^ | 150 | 1,100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6.03 |
| B-31^ | 140 | 270 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.67 |
| B-30 | <130 | <250 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.21 |
| B-32 | <130 | <250 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.81 |
| MW-1 | <130 | <250 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | NA | NA | 6.32 |
| TP-8 | 260 | 360 | 0.3 | 0.1 | 0.12 | 0.14 | 0.05 | 0.23 | 0.11 | 0.03 | NA | NA | 9.63 |
| TP-10 | 360 | <250 | 0.24 | 0.14 | 0.15 | 0.18 | 0.06 | 0.25 | 0.13 | 0.04 | NA | NA | 10.15 |
| TP-17 | 360 | 290 | <2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 10.23 |
| TP-20 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | **13** | NA | 7.24 |
| MTCA Method A Cleanup Levels for Ground Water | 500 | 500 | 160 | | | NVE | NVE | NVE | NVE | NVE | 5 | NVE | N/A |
| MTCA Method B Cleanup Levels for Ground Water | NVE | NVE | 160 | | | 960 | 640 | NVE | 640 | 480 | 0.0292 | 1.46 | N/A |

(a) Deisel- and Higher-Range Petroleum Hydrocarbons by NWTPH-Dx Methods
(b) By EPA Method 7060
(c) By EPA Method 8315
NA = Not Analyzed
NVE = No Value Established

**Table 6**
**Summary of Remaining Data Gaps**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 SE Maple Valley Highway, Renton, Washington**

| Data Gap | Media | Contaminant of Concern | Data Gap Description | Rationale | Resolution |
|---|---|---|---|---|---|
| 1 | Ground Water | Arsenic | Unknown ground water quality at the property boundary. | Dissolved arsenic was detected at a concentration that exceeds the MTCA Method A Cleanup Level in several ground water samples (i.e., B-25, B-26, and TP-20) collected along the southern portions of the subject property in AOPC #9 and AOPC #11. | Dissolved arsenic is likely a by-product of dissolution of natural background metals from a high pH soil and ground water conditions created from current and former ponds at the subject property. EPI reccommends removing the current pond in AOPC #11 and the high pH soil within the footprint of the former pond in AOPC #9 and replacing them with a normal pH fill material. After removal of the high pH soils, ground water samples would be collected from existing and/or newly installed wells to monitor natural attnuation of the dissolved arsenic and evaluate compliance at the property boundary. |
| 2 | Ground Water | Formaldehyde | Unknown extemt of on-site impact and evaluation of potential off-site impacts. | Formaldehyde was detected in one ground water sample (i.e., B-6) at a concentration that exceeds the MTCA Method B Cleanup Level for Ground Water. This sample was collected adjacent to the former admixture storage of the former batch plant in AOPC #4. | Further characteriziation of the nature and extent of formaldehyde ground water impacts which would include collecting ground water samples from existing and/or newly installed wells to evaluate compliance at the property boundary. |
| 3 | Soil | Formaldehyde | Unknown extent of formaldehyde impacts in soil. | Formaldehyde was detected in a total of four soil samples from two sampling locations (i.e., B-6 and B-7) collected adjacent to the former batch plant in AOPC #4. All of the formaldehyde detections exceeded the MTCA Method B Soil Cleanup Level for Protection of Ground Water (using MTCA Equation 747-1). | Additional characterization of the nature and extent of formaldehyde impacts in soil utilizing standard drilling techniques. The data collected during the additional characterization would be used to develop a scope of work to remove the formaldehyde impacted soils. |
| 4 | Soil | GRPH | Unknown extent of GRPH impacts in soil. | GRPH was detected in two soil samples collected from one sampling location (i.e., B-28) at concentrations that exceed MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses. The detected concentrations were detected at depths ranging from 14 to 17 feet below grade adjacent to AOPC #6 and AOPC #13. | 1. Collect and analyze sufficient samples to calculate a site-specific cleanup level for GRPH at the subject property.<br>2. Simultaneous characterization and remediation by excavation. |
| 5 | Soil | DRPH | Unknown extent of DRPH impacts in soil. | DRPH was detected in one sampling location (i.e., B-7) at a concentration that exceeded tha MTCA Method A Soil Cleanup Level for Unrestricted Land Uses. The detected concentration was detected near the surface (i.e., 2 feet below grade) in AOPC #4 near the former batch plant. | 1. Collect and analyze sufficient samples to calculate a site-specific cleanup level for DRPH at the subject property.<br>2. Simultaneous characterization and remediation by excavation. |
| 6 | Soil | HRPH | Unknown extent of HRPH impacts in soil. | HRPH was detected in one sampling location (i.e., B-14) at a concentration that exceeded tha MTCA Method A Soil Cleanup Level for Unrestricted Land Uses. The detected concentration was detected near the surface (i.e., 2 feet below grade) in AOPC #7 within the footprint of the former Renton Concrete Products building. | 1. Collect and analyze sufficient samples to calculate a site-specific cleanup level for HRPH at the subject property.<br>2. Simultaneous characterization and remediation by excavation. Performance sampling of remedial areas with HRPH should include polycyclic aromatic hydrocarbons (PAHs) |

**Table 7**
**Summary of Monitoring Well**
**and Ground Water Elevations in feet**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 Maple Valley Highway, Renton, Washington**

| Well Name | Date | Top of Casing[(a)] | Depth to Water (Feet) | Water Elevation[(a)] |
|---|---|---|---|---|
| EPI-MW-1 | 12/2/04 | 99.01 | 23.14 | 75.87 |
| EPI-MW-2 | 12/2/04 | 90.76 | 12.15 | 78.61 |
| EPI-MW-3 | 12/2/04 | 90.49 | 13.04 | 77.45 |
| EPI-MW-4 | 12/2/04 | 89.82 | 12.38 | 77.44 |
| EPI-MW-5 | 12/2/04 | 93.08 | 16.7 | 76.38 |
| MW-1 | 12/2/04 | 94.82 | 19.28 | 75.54 |
| MW-4 | 12/2/04 | 98.22 | 21.39 | 76.83 |

**Table 8**
**Formaldehyde Analytical Results for Soil - Second Phase**
**in milligrams per kilogram (mg/kg)**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 Maple Valley Highway, Renton, Washington**

| Sample | Depth | Formaldehyde |
|---|---|---|
| B-34 | 2 | 2.7 |
| | 10 | 18 |
| B-35 | 2 | 4.4 |
| | 10 | 2.7 |
| B-36 | 2 | 7.7 |
| | 10 | 7.8 |
| B-37 | 2 | 2.5 |
| | 10 | 14 |
| B-38 | 2 | <1.1 |
| B-39 | 2 | **42** |
| | 10 | 4 |
| B-40 | 2 | 6.7 |
| | 4 | 2.4 |
| | 10 | 3.7 |
| MTCA Method B Cleanup Level for Direct Contact Pathway: Unrestricted Land Use | | 33.3 |
| MTCA Method B Soil Cleanup Level for Protection of Ground Water (using MTCA Equation 747-1) | | 0.006 |

Bold: Indicates concentration exceeds direct contact soil cleanup level.
Shaded: Indicates concentration exceeds protection of ground water soil cleanup level.

**Table 9**
**Analytical Results for Ground Water - Second Phase**
**in micrograms per Liter (µg/L)**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 Maple Valley Highway, Renton, Washington**

| Sample | Formaldehyde[(a)] | Dissolved As[(b)] |
|---|---|---|
| B-34 | <20 | NA |
| B-35 | <20 | NA |
| B-36 | <20 | NA |
| B-37 | <20 | NA |
| B-38 | <20 | NA |
| B-39 | <20 | NA |
| B-40 | **60** | NA |
| EPI-MW-1 | <20 | <5 |
| EPI-MW-2 | <20 | <5 |
| EPI-MW-3 | <20 | <5 |
| EPI-MW-4 | <20 | <5 |
| EPI-MW-5 | <20 | <5 |
| MW-1 | <20 | <5 |
| MW-4 | <20 | <5 |
| MTCA Method A Cleanup Levels for Ground Water | NVE | 5 |
| MTCA Method B Cleanup Levels for Ground Water | 1.46 | 0.0292 |

Notes:
(a) By EPA Method 8315-Modified
(b) Dissolved Arsenic by Method 7060

**Table 10**

**Johnson and Ettinger Vapor Transport Model Calculations for Formaldehyde[a]**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 SE Maple Valley Highway, Renton, Washington**

| Media | Maximum Concentration Detected | Basement[b] | Current Site Total Risk | Maximum Concentration Protective of Indoor Air[c] |
|---|---|---|---|---|
| Soil | 15 mg/kg | Yes | **1.3E-03** | 0.021 mg/kg |
| | | No | **2.0E-03** | 0.031 mg/kg |
| Ground Water | 140 µg/L | Yes | **1.1E-06** | 124 µg/L |
| | | No | 7.2E-07 | 195 µg/L |

Bold and Shaded - Exceed MTCA allowable risk of 1 in 1,000,000
(a) - Screening Level Evaluation
(b) - Evaluates risk with or without below grade living space.
(c) - Maximum concentration in target media that represents risk of less than 1 in 1,000,000

**Table 11**
**Development of Soil Cleanup Levels for Formaldehyde**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 SE Maple Valley Highway, Renton, Washington**

| $K_{oc}$[(a)] | $F_{oc}$[(b)] | $K_d$[(c)] | Hcc[(d)] | Maximum Detected Concentration in Soil (mg/kg) | Cleanup Scenario | Target Ground Water Cleanup Level in ug/L | Soil Concentration Protective of Target Ground Water Cleanup Level[(e)] in mg/kg |
|---|---|---|---|---|---|---|---|
| 2.62 | 0.001 | 0.0026 | 2.78E-04 | 15 | Protective of Ground Water as Drinking Water | 1.46 (f) | 0.006 |
| | | | | | Protective of Indoor Air Vapors from Ground Water for a Proposed Structure with a Basement | 124 (g) | 0.5 |
| | | | | | Protective of Indoor Air Vapors from Ground Water for a Proposed Structure without a Basement | 195 (g) | 0.8 |

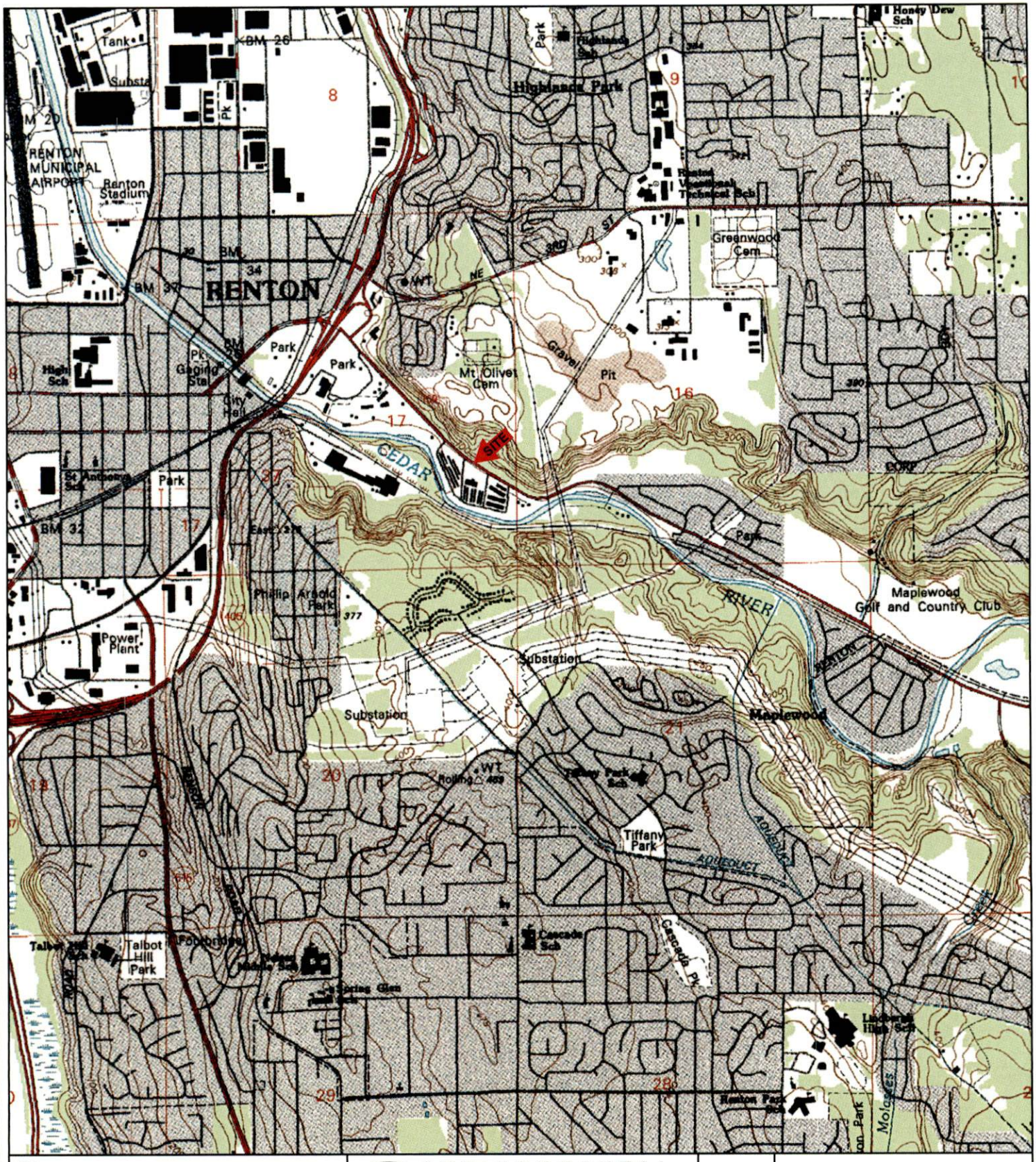
(a) - Organic carbon-water distribution coefficient, data are from CLARC III
(b) - Fraction of organic carbon, based upon default total organic carbon data.
(c) - Distribution coefficient, derived using WAC 173-340-747, Equation 747-2
(d) - Henry's Law Constant, data are from CLARC III
(e) - Value derived using WAC 173-340-747, Equations 747-1 and 747-2
(f) - MTCA Method B Cleanup Level for Formaldehyde as Drinking Water based on a 1 in 1,000,000 cancer risk
(g) - Calculated using the Johnson and Ettinger Vapor Transport Model

**Table 12**
**Summary of Potentially Applicable Soil Cleanup Levels for Formaldehyde**
**Remedial Investigation Report**
**Stoneway Concrete**
**1915 SE Maple Valley Highway, Renton, Washington**

| Soil Cleanup Scenario | Soil Cleanup Level (mg/kg) |
|---|---|
| Protective of Indoor Air from Ground Water for a Proposed Structure with a Basement (i.e., 124 μg/L) | 0.5[(a)] |
| Protective of Indoor Air from Ground Water for a Proposed Structure without a Basement (i.e., 195 μg/L) | 0.8[(a)] |
| Protective of Ground Water as Drinking Water (i.e., 1.46 μg/L) | 0.006[(a)] |
| Protective of Indoor Air from Soil for a Proposed Structure with a Basement | 0.021[(b)] |
| Protective of Indoor Air from Soil for a Proposed Structure without a Basement | 0.031[(b)] |
| MTCA Method B Soil Cleanup Level for Unrestricted Land Use - Direct Contact Pathway | 33.3 |

Notes:
(a) Calculated using MTCA Equations 747-1 and 747-2 in WAC 173-340-747
(b) Calculated using Johnson and Ettinger Vapor Transport Model

# Figures




KEY:

SOURCE: USGS 7.5 MINUTE QUANDRANGLE (TOPOGRAPHIC)

RENTON, WA
1949

REVISED 1994

SCALE = 1:24,000

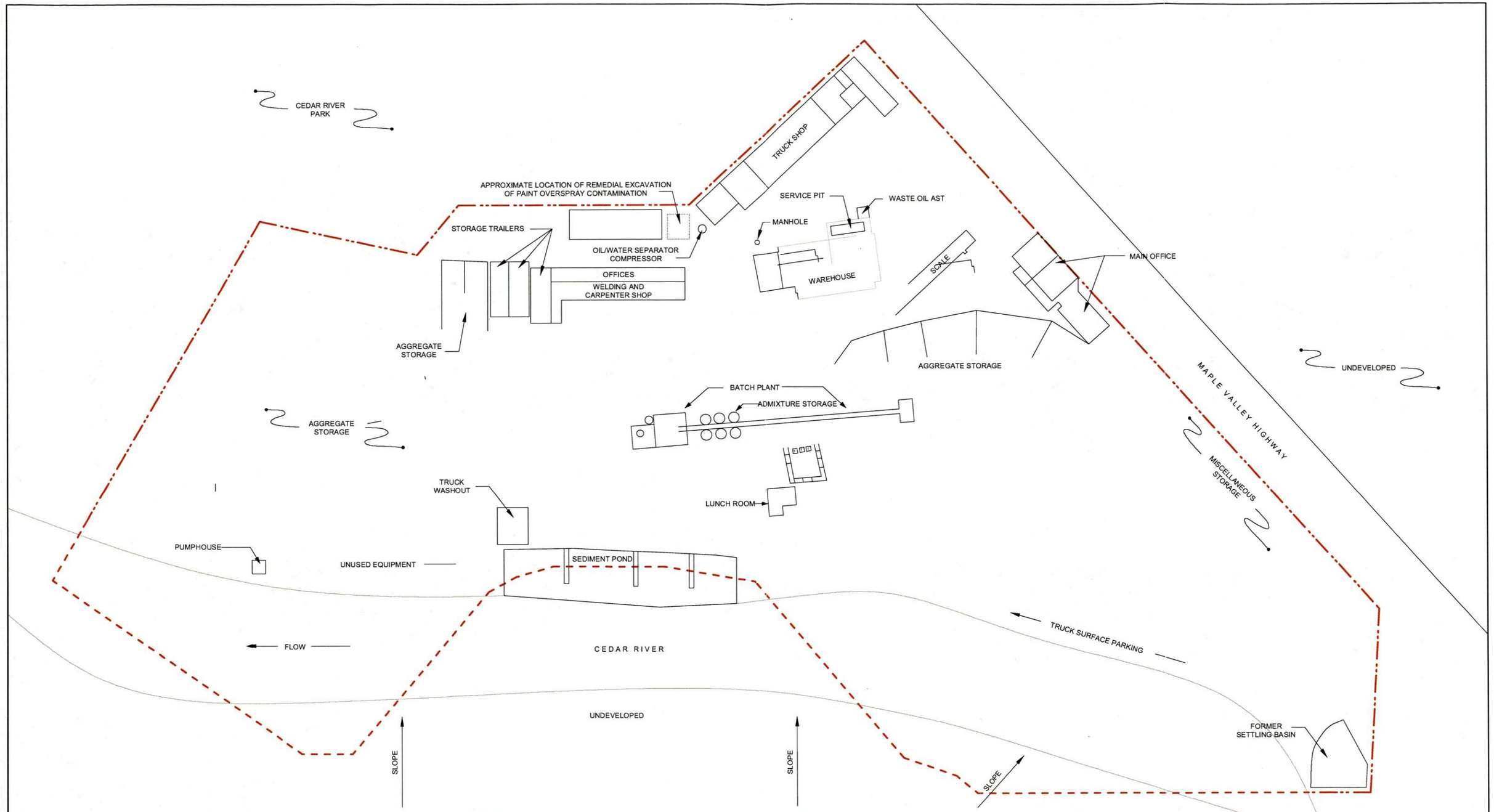
ENVIRONMENTAL PARTNERS INC
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

FIGURE 1

GENERAL VICINITY MAP

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | EMK | TCM | 06/16/04 |




KEY:

- APPROXIMATE PROPERTY LINE
- FENCE
- T TRANSFORMER

0 25 50 100

SCALE: 1" = 100'

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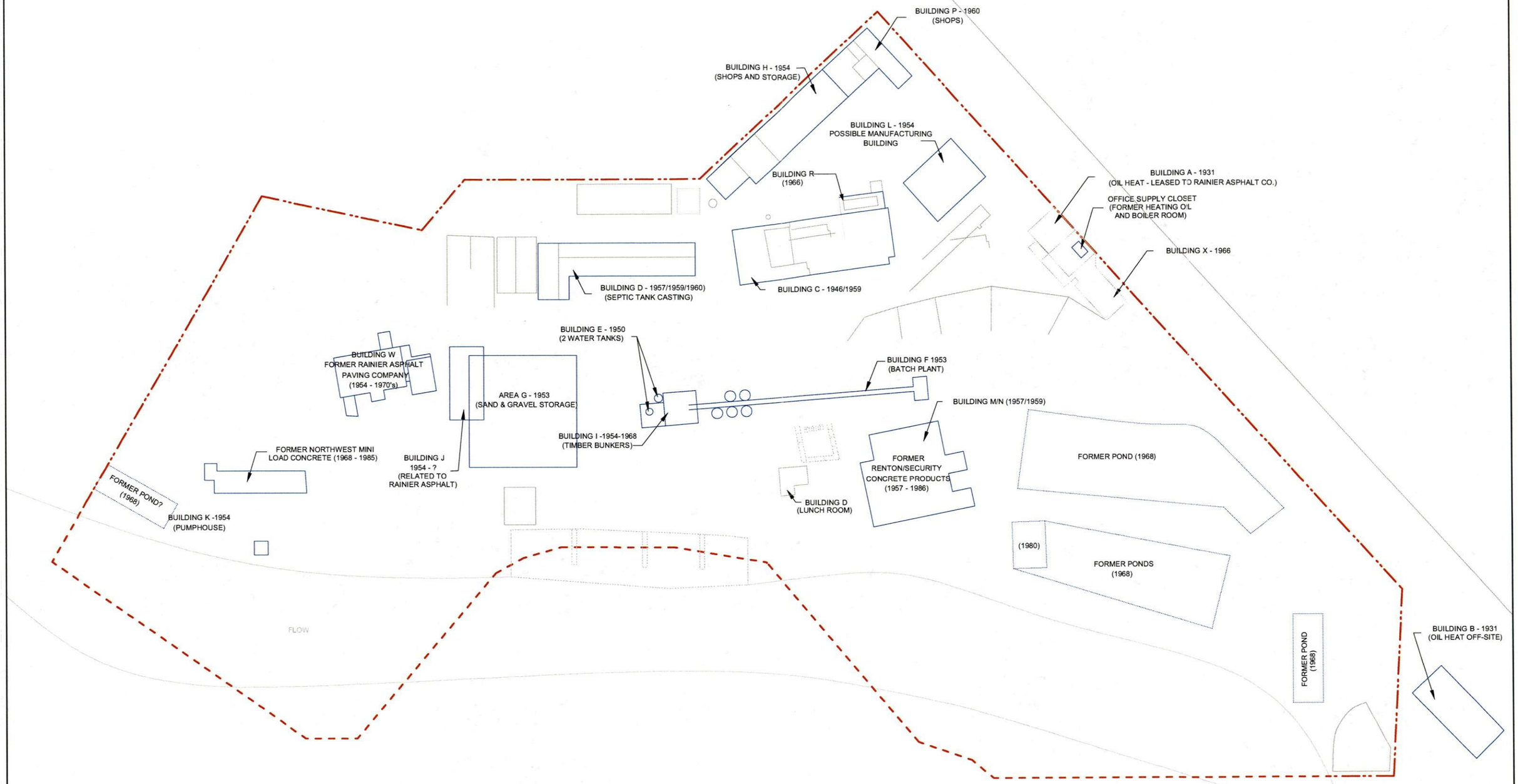
Issaquah, Washington 98027

FIGURE 2

SITE REPRESENTATION

| | | | |
|---|---|---|---|
| PROJECT | 43101.1 | | |
| PREPARED FOR | STONEWAY CONCRETE | | |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY<br>RENTON, WASHINGTON | | |
| SHEET | DRAWN BY | REVIEWED BY | DATE |
| 1 of 1 | EMK | TCM | 01/10/05 |




KEY:

APPROXIMATE PROPERTY LINE

FENCE

0 25 50 100

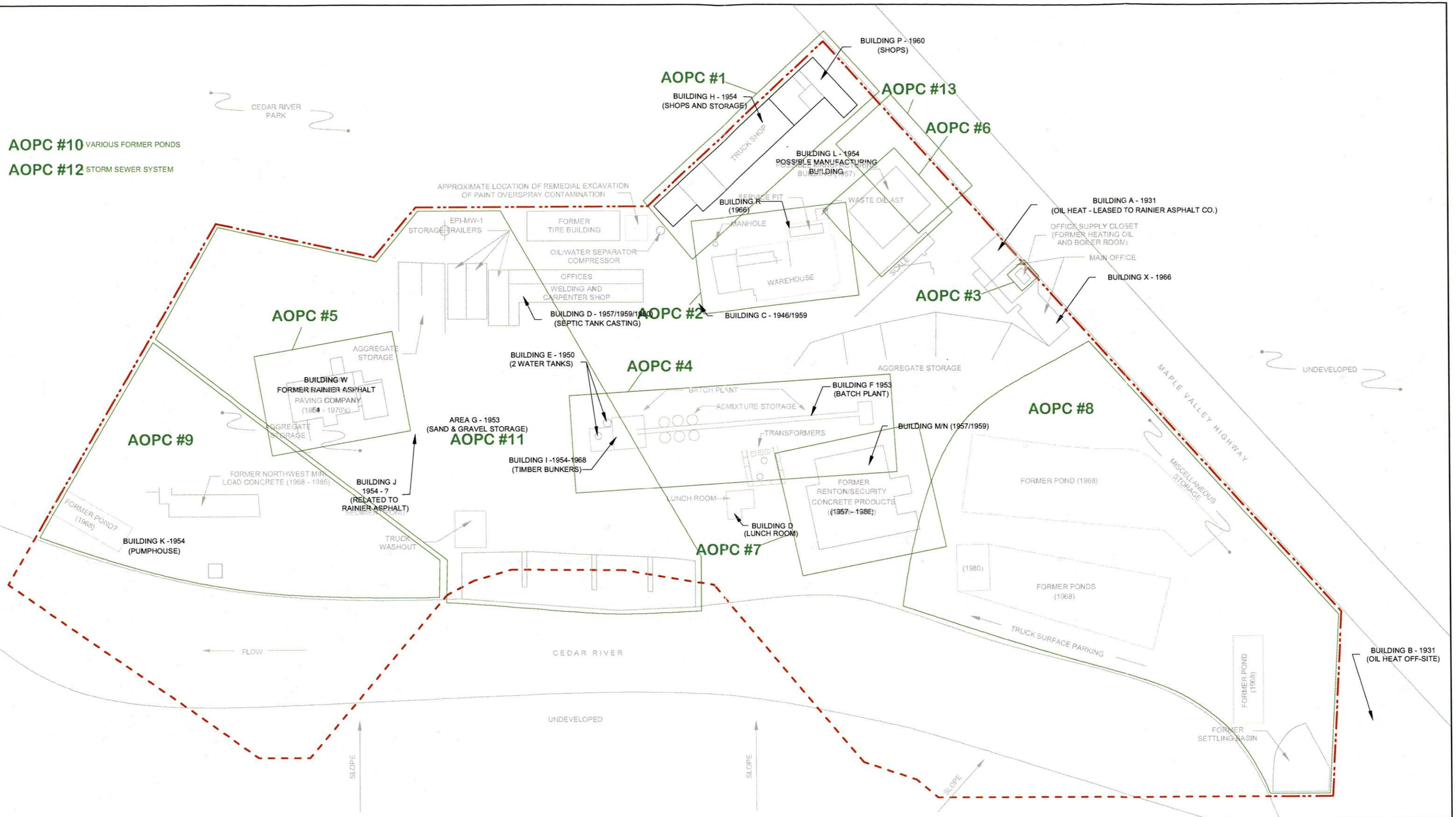
SCALE: 1" = 100'


ENVIRONMENTAL PARTNERS INC
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027


FIGURE 3

HISTORIC SITE FEATURES

| | | | |
|---|---|---|---|
| PROJECT | 43101.1 | | |
| PREPARED FOR | STONEWAY CONCRETE | | |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY<br>RENTON, WASHINGTON | | |
| SHEET | DRAWN BY | REVIEWED BY | DATE |
| 1 of 1 | EMK | TCM | 01/10/05 |




KEY:

APPROXIMATE PROPERTY LINE

FENCE

AOPC BOUNDARY

0 25 50 100

SCALE: 1" = 100'

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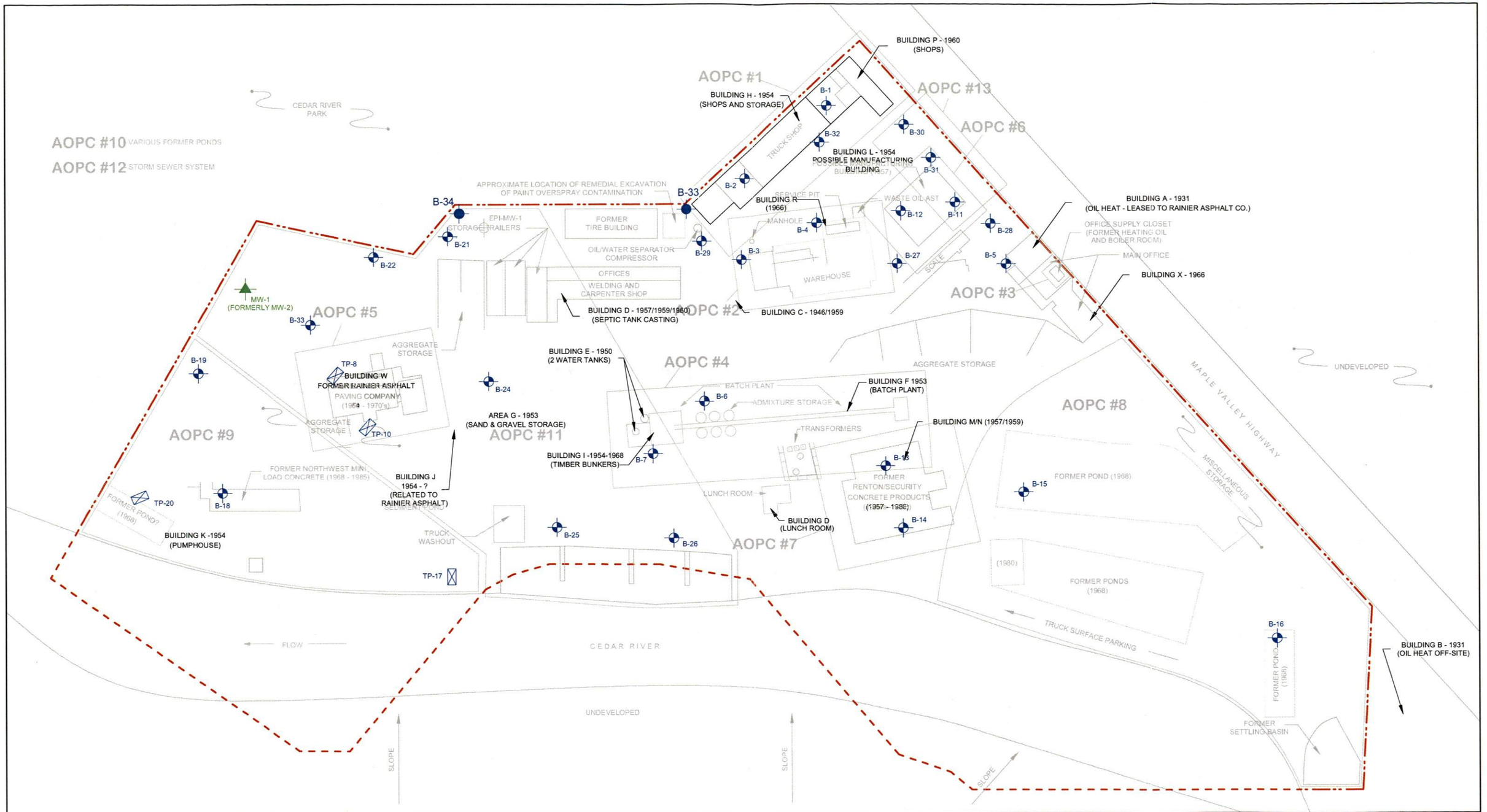
Issaquah, Washington 98027

FIGURE 4

AREAS OF POTENTIAL CONCERN

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | EMK | TCM | 01/10/05 |




KEY:

- APPROXIMATE PROPERTY LINE
- FENCE
- EXISTING MONITORING WELL
- DPT SAMPLING LOCATION FOR THE INITIAL INVESTIGATION
- SS-6 SURFACE SOIL SAMPLING LOCATION
- TP-8 TEST PIT LOCATION

0 25 50 100

SCALE: 1" = 100'

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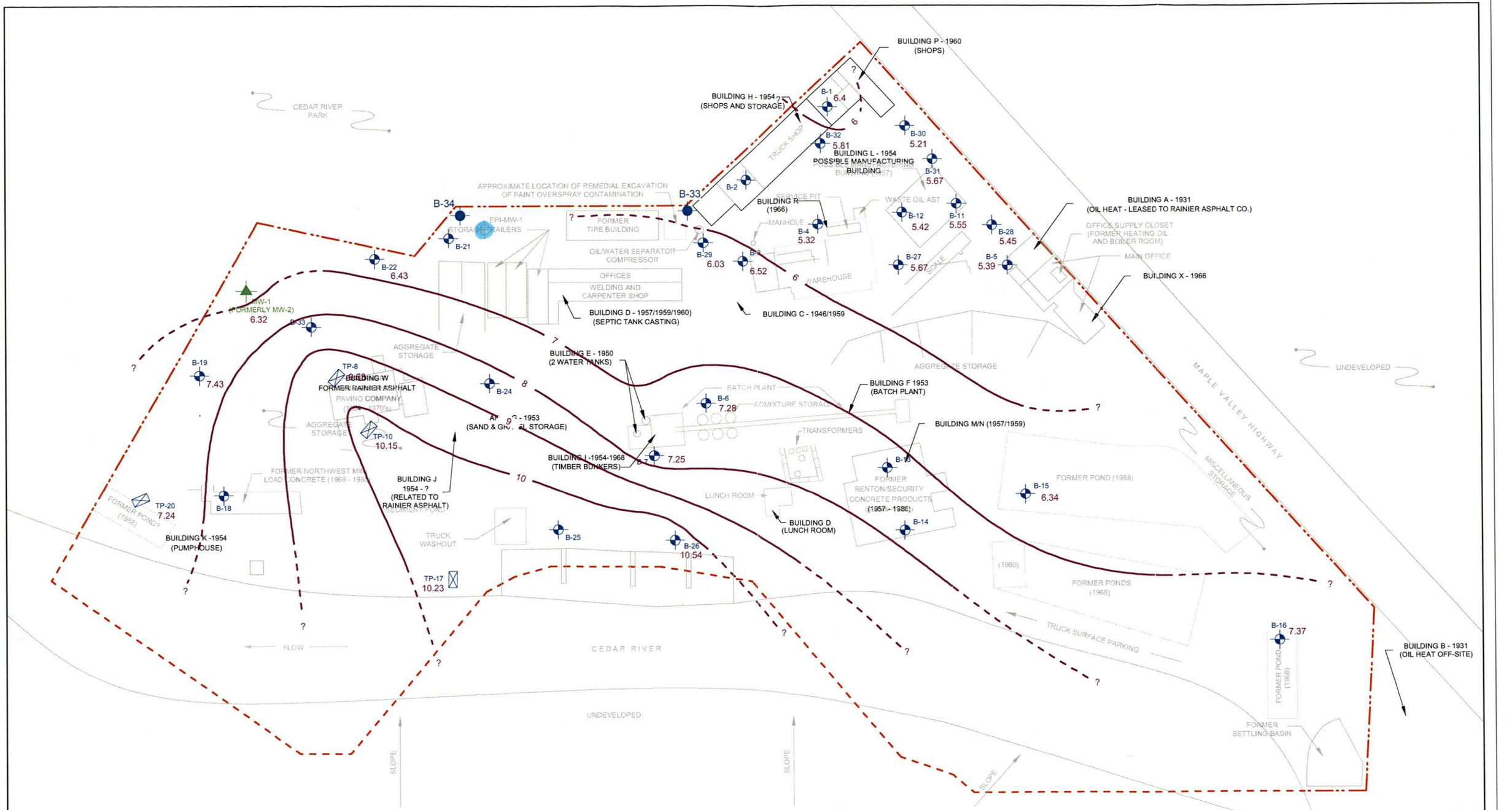
FIGURE 5

SAMPLING LOCATIONS FOR THE INITIAL PHASE OF INVESTIGATION

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | EMK | TCM | 01/10/05 |




KEY:

- 6.32 — EXISTING MONITORING WELL WITH pH MEASUREMENT
- APPROXIMATE PROPERTY LINE
- FENCE
- 9 — GROUND WATER pH CONTOUR LINE DASHED WHERE INFERRED, QUERRIED WHERE UNCERTAIN
- B-27 / 5.67 — DPT GROUND WATER SAMPLING LOCATION WITH pH MEASUREMENT
- SS-6 — SURFACE SOIL SAMPLING LOCATION
- TP-8 / 9.63 — TEST PIT GW SAMPLING LOCATION WITH pH MEASUREMENT

0 25 50 100

SCALE: 1" = 100'

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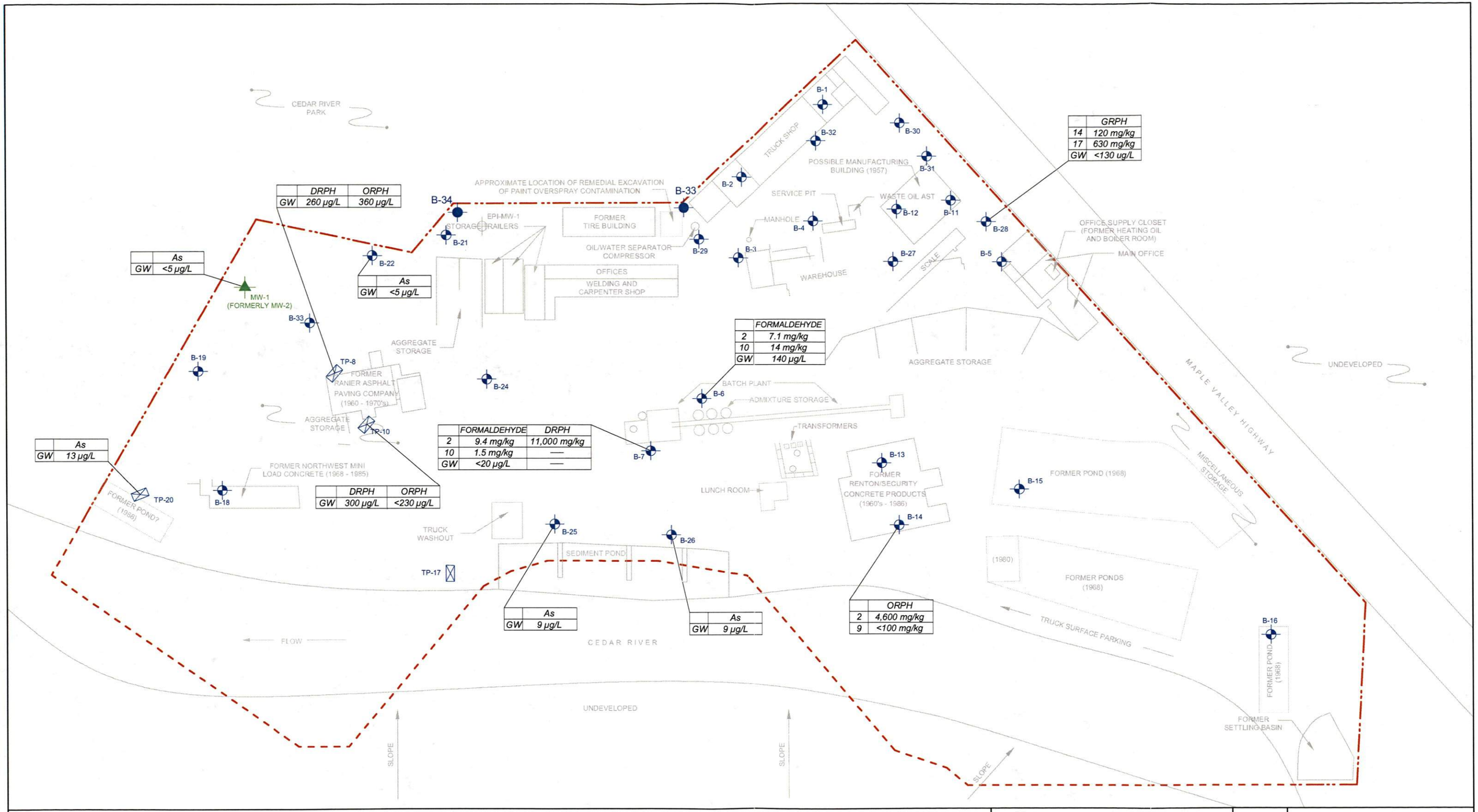
FIGURE 6

MAP SHOWING pH CONTOURS
FOR MARCH 2004

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY<br>RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | EMK | TCM | 01/10/05 |




| | DRPH | ORPH |
|---|---|---|
| GW | 260 µg/L | 360 µg/L |

| | As |
|---|---|
| GW | <5 µg/L |

| | As |
|---|---|
| GW | <5 µg/L |

| | GRPH |
|---|---|
| 14 | 120 mg/kg |
| 17 | 630 mg/kg |
| GW | <130 ug/L |

| | FORMALDEHYDE |
|---|---|
| 2 | 7.1 mg/kg |
| 10 | 14 mg/kg |
| GW | 140 µg/L |

| | FORMALDEHYDE | DRPH |
|---|---|---|
| 2 | 9.4 mg/kg | 11,000 mg/kg |
| 10 | 1.5 mg/kg | — |
| GW | <20 µg/L | — |

| | As |
|---|---|
| GW | 13 µg/L |

| | DRPH | ORPH |
|---|---|---|
| GW | 300 µg/L | <230 µg/L |

| | As |
|---|---|
| GW | 9 µg/L |

| | As |
|---|---|
| GW | 9 µg/L |

| | ORPH |
|---|---|
| 2 | 4,600 mg/kg |
| 9 | <100 mg/kg |

KEY:

EXISTING MONITORING WELL

APPROXIMATE PROPERTY LINE

FENCE

SOIL AND GROUND WATER SAMPLING LOCATION

SS-6 SURFACE SOIL SAMPLING LOCATION

TP-8 TEST PIT LOCATION

ANALYTICAL DATA BOX KEY:

GW: GROUND WATER SAMPLE
#: DESIGNATES SOIL SAMPLE DEPTH BELOW GRADE (IN FEET)
GRPH: GASOLINE-RANGE PETROLEUM HYDROCARBONS
DRPH: DIESEL-RANGE PETROLEUM HYDROCARBONS
HRPH: HIGHER-RANGE PETROLEUM HYDROCARBONS
As: ARSENIC

0 25 50 100
SCALE: 1" = 100'


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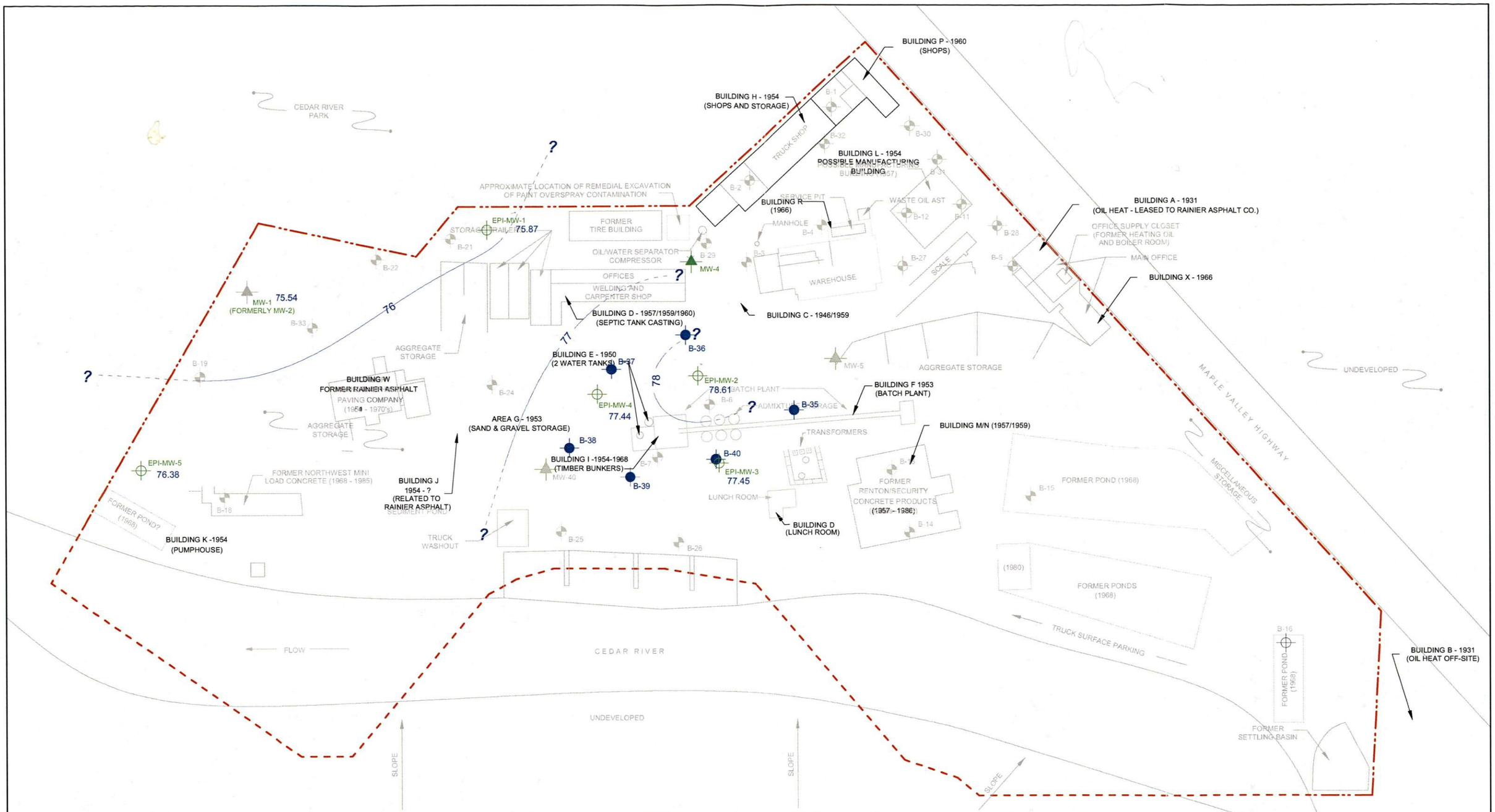
FIGURE 7

SAMPLING LOCATIONS WITH ANALYTICAL DATA FROM THE INITIAL PHASE OF INVESTIGATION

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | EMK | TCM | 01/10/05 |




KEY:

GROUND WATER CONTOUR LINE IN FEET. DASHED WHERE INFERRED, QUERRIED WHERE UNCERTAIN

APPROXIMATE PROPERTY LINE

FENCE

EXISTING MONITORING WELL WITH GROUND WATER ELEVATION (IN FEET)

MONITORING WELL INSTALLED BY EPI WITH GROUND WATER ELEVATION (IN FEET)

DPT SAMPLING LOCATION FOR THE ADDITIONAL PHASE OF INVESTIGATION

SOIL AND GROUND WATER SAMPLING LOCATION FROM THE INITIAL PHASE OF INVESTIGATION

SURFACE SOIL SAMPLING LOCATION FROM THE INITIAL PHASE OF INVESTIGATION

TEST PIT LOCATION FROM THE INITIAL PHASE OF INVESTIGATION

0 25 50 100

SCALE: 1" = 100'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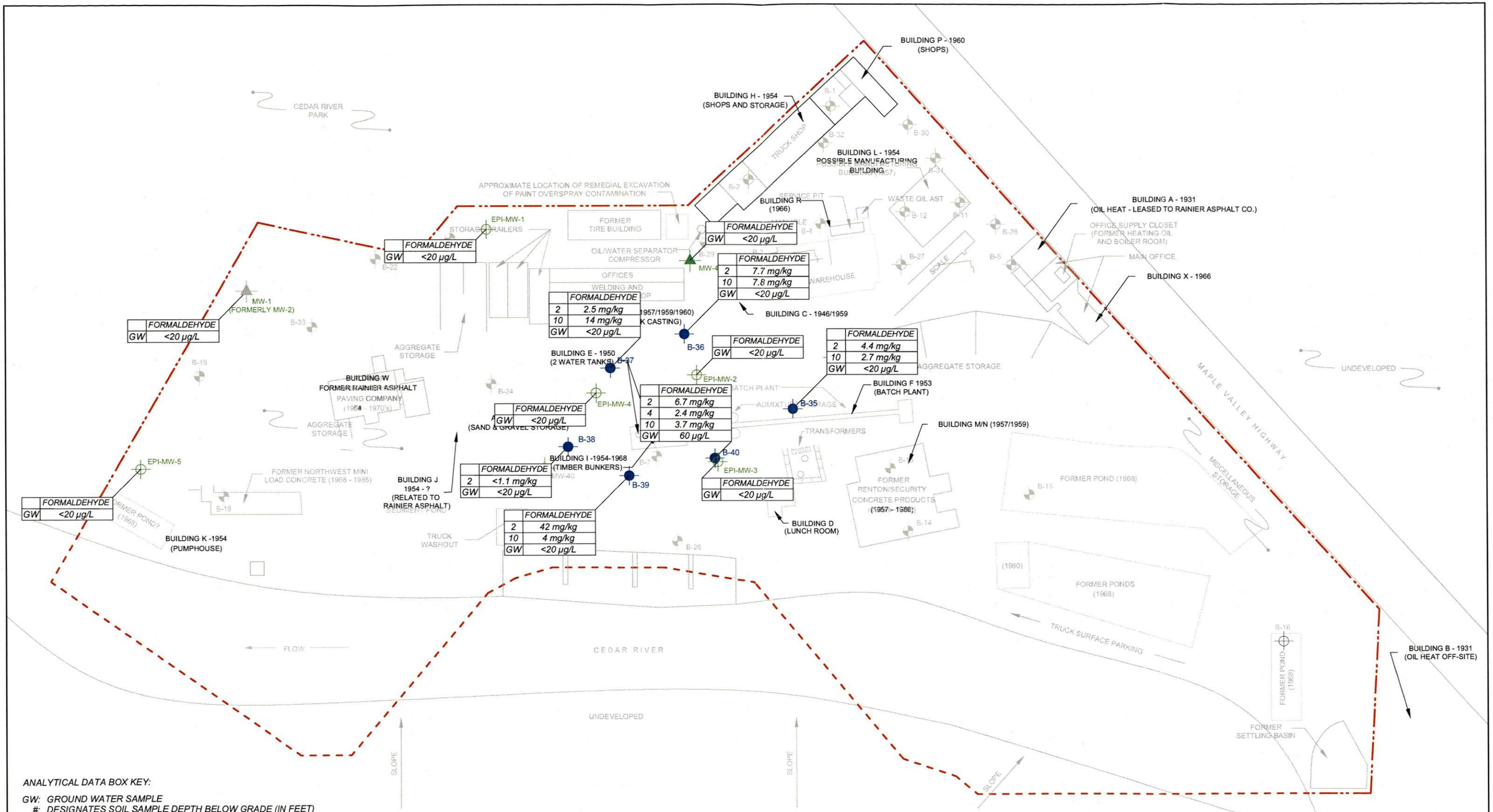
Issaquah, Washington 98027


FIGURE 9

GROUND WATER CONTOUR MAP
FOR DECEMBER 2, 2004

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY<br>RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | EMK | TCM | 01/10/05 |




*ANALYTICAL DATA BOX KEY:*

*GW: GROUND WATER SAMPLE*
*#: DESIGNATES SOIL SAMPLE DEPTH BELOW GRADE (IN FEET)*

KEY:

- APPROXIMATE PROPERTY LINE
- FENCE
- EXISTING MONITORING WELL
- MONITORING WELL INSTALLED BY EPI
- DPT SAMPLING LOCATION FOR THE ADDITIONAL PHASE OF INVESTIGATION
- SOIL AND GROUND WATER SAMPLING LOCATION FROM THE INITIAL PHASE OF INVESTIGATION
- SS-5 SURFACE SOIL SAMPLING LOCATION FROM THE INITIAL PHASE OF INVESTIGATION
- TP-8 TEST PIT LOCATION FROM THE INITIAL PHASE OF INVESTIGATION

0 25 50 100

SCALE: 1" = 100'

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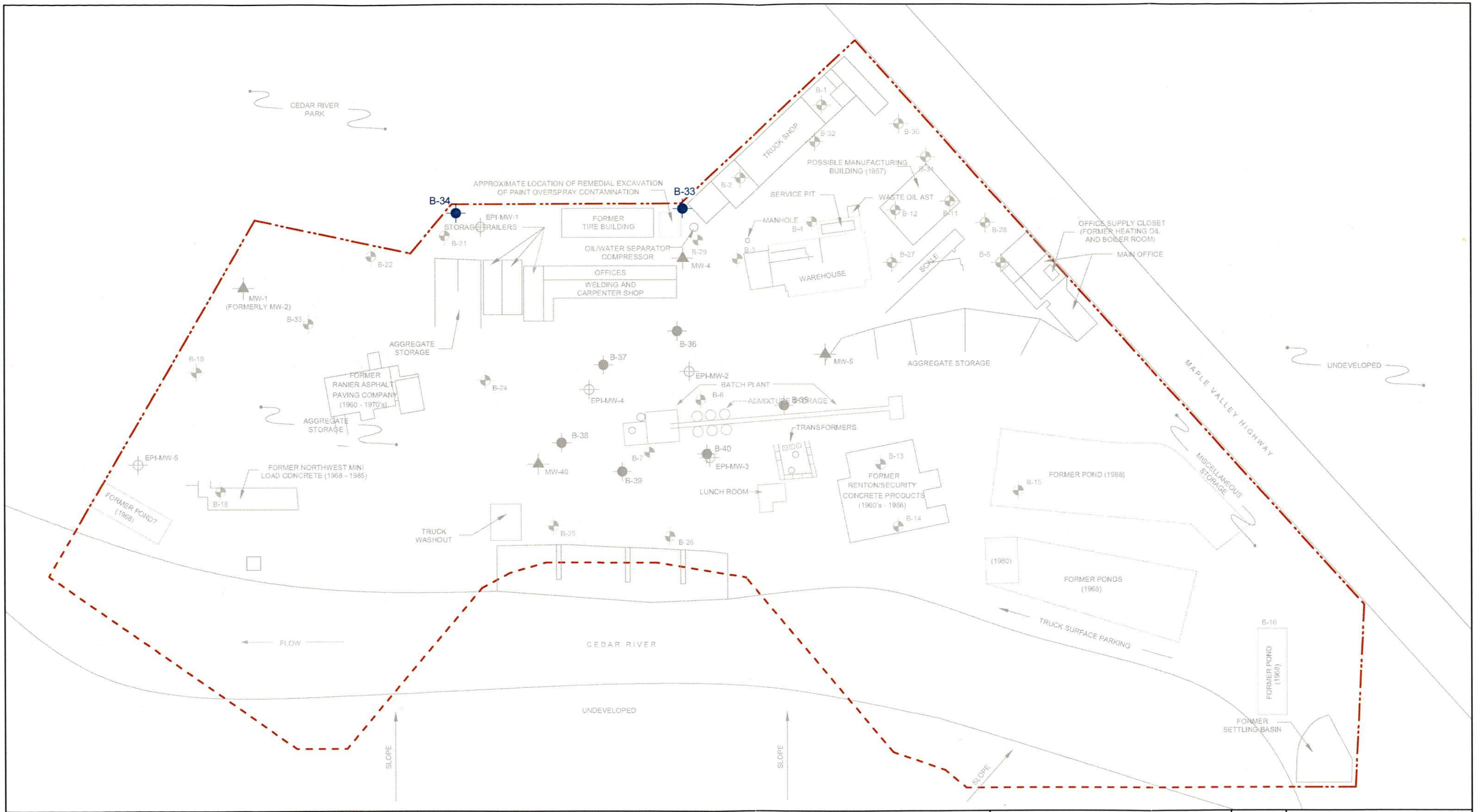
Issaquah, Washington 98027

FIGURE 10

SAMPLING LOCATIONS WITH ANALYTICAL DATA FROM THE SECOND PHASE OF INVESTIGATION

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | EMK | TCM | 01/10/05 |




KEY:

- APPROXIMATE PROPERTY LINE
- FENCE
- DPT SAMPLING LOCATION FOR THE THIRD PHASE OF INVESTIGATION
- EXISTING MONITORING WELL
- MONITORING WELL INSTALLED BY EPI
- DPT SAMPLING LOCATION FOR PREVIOUS PHASES OF INVESTIGATION
- SOIL AND GROUND WATER SAMPLING LOCATION FROM THE INITIAL PHASE OF INVESTIGATION
- SS-6 SURFACE SOIL SAMPLING LOCATION FROM THE INITIAL PHASE OF INVESTIGATION
- TP-8 TEST PIT LOCATION FROM THE INITIAL PHASE OF INVESTIGATION

0 25 50 100

SCALE: 1" = 100'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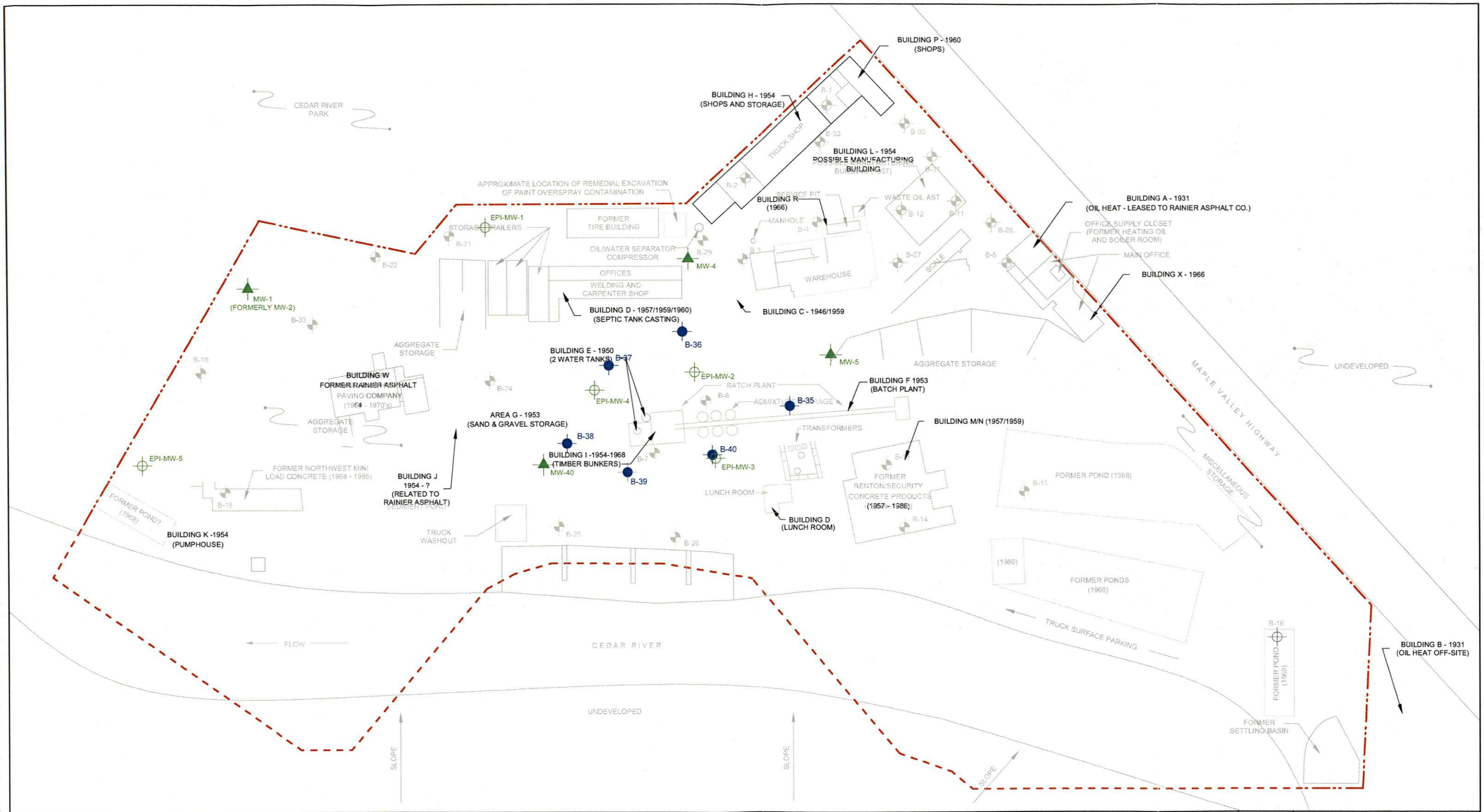
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027


FIGURE 11

SAMPLING LOCATIONS FOR THE FINAL PHASE OF INVESTIGATION

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | JRG | TCM | 04/26/06 |




KEY:

0 25 50 100

SCALE: 1" = 100'

APPROXIMATE PROPERTY LINE

FENCE

EXISTING MONITORING WELL

MONITORING WELL INSTALLED BY EPI

DPT SAMPLING LOCATION FOR THE ADDITIONAL PHASE OF INVESTIGATION

SOIL AND GROUND WATER SAMPLING LOCATION FROM THE INITIAL PHASE OF INVESTIGATION

SS-6 SURFACE SOIL SAMPLING LOCATION FROM THE INITIAL PHASE OF INVESTIGATION

TP-8 TEST PIT LOCATION FROM THE INITIAL PHASE OF INVESTIGATION

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FIGURE 8

SAMPLING LOCATIONS FOR THE SECOND PHASE OF INVESTIGATION

| | | | |
|---|---|---|---|
| PROJECT | 43101.1 | | |
| PREPARED FOR | STONEWAY CONCRETE | | |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY RENTON, WASHINGTON | | |
| SHEET | DRAWN BY | REVIEWED BY | DATE |
| 1 of 1 | EMK | TCM | 01/10/05 |

| ANALYSIS | DETECTED | COMPUNDS EXCEEDING APPLICABLE CLEAN UP LEVEL |
|---|---|---|
| TPH | NO | N/A |
| BTEX | NO | N/A |

| ANALYSIS | DETECTED | COMPUNDS EXCEEDING APPLICABLE CLEAN UP LEVEL |
|---|---|---|
| TPH | NO | N/A |
| VOCs | NO | N/A |
| SVOCs | NO | N/A |
| MTCA 5 METALS | NO | N/A |

| ANALYSIS | DETECTED | COMPUNDS EXCEEDING APPLICABLE CLEAN UP LEVEL |
|---|---|---|
| TPH | NO | N/A |
| VOC | NO | N/A |

| ANALYSIS | DETECTED | COMPUNDS EXCEEDING APPLICABLE CLEAN UP LEVEL |
|---|---|---|
| TPH | NO | N/A |
| VOC | NO | N/A |

| ANALYSIS | DETECTED | COMPUNDS EXCEEDING APPLICABLE CLEAN UP LEVEL |
|---|---|---|
| TPH | NO | N/A |
| VOC | NO | N/A |
| cPAHs | NO | N/A |

| ANALYSIS | DETECTED | COMPUNDS EXCEEDING APPLICABLE CLEAN UP LEVEL |
|---|---|---|
| MTCA 5 METALS | NO | N/A |

| ANALYSIS | DETECTED | COMPUNDS EXCEEDING APPLICABLE CLEAN UP LEVEL |
|---|---|---|
| TPH | NO | N/A |
| VOCs | NO | N/A |
| MTCA 5 METALS | NO | N/A |

| ANALYSIS | DETECTED | COMPUNDS EXCEEDING APPLICABLE CLEAN UP LEVEL |
|---|---|---|
| MTCA 5 METALS | YES | ARSENIC |

AOPC #1
AOPC #10 VARIOUS FORMER PONDS
AOPC #12 STORM SEWER SYSTEM
AOPC #13
AOPC #6
AOPC #5
AOPC #2
AOPC #3
AOPC #4
AOPC #9
AOPC #11
AOPC #8
AOPC #7

CEDAR RIVER PARK
BUILDING P - 1960 (SHOPS)
BUILDING H - 1954 (SHOPS AND STORAGE)
TRUCK SCALE
BUILDING L - 1954 POSSIBLE MANUFACTURING BUILDING (1957)
SERVICE PIT
BUILDING R (1966)
WASTE OIL AST
MANHOLE
BUILDING A - 1931 (OIL HEAT - LEASED TO RAINIER ASPHALT CO.)
OFFICE SUPPLY CLOSET (FORMER HEATING OIL AND BOILER ROOM)
MAIN OFFICE
BUILDING X - 1966
APPROXIMATE LOCATION OF REMEDIAL EXCAVATION OF PAINT OVERSPRAY CONTAMINATION
STORAGE TRAILERS
FORMER TIRE BUILDING
OIL/WATER SEPARATOR COMPRESSOR
OFFICES
WELDING AND CARPENTER SHOP
WAREHOUSE
SCALE
BUILDING D - 1957/1959/1966 (SEPTIC TANK CASTING)
BUILDING C - 1946/1959
MW-1 (FORMERLY MW-2)
AGGREGATE STORAGE
TP-8
BUILDING W FORMER TURNER ASPHALT PAVING COMPANY (1969 - 1970's)
TP-10
BUILDING E - 1950 (2 WATER TANKS)
AREA G - 1953 (SAND & GRAVEL STORAGE)
BUILDING I -1954-1968 (TIMBER BUNKERS)
MW-40
EPI-MW-2
BATCH PLANT
BUILDING F 1953 (BATCH PLANT)
ADMIXTURE STORAGE
TRANSFORMERS
BUILDING M/N (1957/1959)
EPI-MW-4
EPI-MW-3
EPI-MW-5
FORMER NORTHWEST MINI LOAD CONCRETE (1968 - 1985)
BUILDING J 1954 - ? (RELATED TO RAINIER ASPHALT)
FORMER RENTON/SECURITY CONCRETE PRODUCTS (1957s - 1968)
LUNCH ROOM
BUILDING Q (LUNCH ROOM)
FORMER POND (1968)
FORMER POND? (1968)
BUILDING K -1954 (PUMPHOUSE)
TRUCK WASHOUT
TP-17
TP-20
FORMER PONDS (1968)
TRUCK SURFACE PARKING
FORMER POND (1968)
FORMER SETTLING BASIN
BUILDING B - 1931 (OIL HEAT OFF-SITE)
MAPLE VALLEY HIGHWAY
MISCELLANEOUS STORAGE
UNDEVELOPED
FLOW
CEDAR RIVER
SLOPE

B-1, B-3, B-4, B-5, B-6, B-7, B-11, B-12, B-14, B-15, B-16, B-18, B-19, B-22, B-24, B-25, B-26, B-27, B-28, B-30, B-31, B-32, B-33, B-34, B-36, B-37, B-38, B-39, B-40

KEY:

- APPROXIMATE PROPERTY LINE
- FENCE
- EXISTING MONITORING WELL
- PREVIOUS DPT SAMPLING LOCATION FOR PRIOR INVESTIGATIONS
- TP-8 PREVIOUS TEST PIT LOCATION

0 25 50 100
SCALE: 1" = 100'

TPH - TOTAL PETROLEUM HYDROCARBONS INCLUDING GASOLINE-, DIESEL-, AND HIGHER-RANGE PETROLEUM HYDROCARBONS.
VOCs - VOLATILE ORGANIC COMPOUNDS
SVOCs - SEMI-VOLATILE ORGANIC COMPOUNDS
cPAHs - CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS
BTEX - BENZENE, TOULENE, ETHYLBENZENE, AND XYLENE
MTCA 5 METALS - ARSENIC, CADMIUM, CHROMIUM, LEAD, MERCURY

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FIGURE 12

SUMMARY OF DOWN-GRADIENT PROPERTY BOUNDARY GROUND WATER ANALYSIS

| | |
|---|---|
| PROJECT | 43101.1 |
| PREPARED FOR | STONEWAY CONCRETE |
| LOCATION | 1915 SE MAPLE VALLEY HIGHWAY RENTON, WASHINGTON |

| SHEET | DRAWN BY | REVIEWED BY | DATE |
|---|---|---|---|
| 1 of 1 | JRG | EMK | 04/26/06 |

# Attachment A

# FINAL REPORT
# STONEWAY TETRACHLOROETHENE (PCE) ASSESSMENT
# RENTON, WASHINGTON

Prepared for the City of Renton

Prepared by
Pacific Groundwater Group
2377 Eastlake Avenue East
Seattle, WA 98102

September 20, 1998

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# FINAL REPORT
# STONEWAY TETRACHLOROETHENE (PCE) ASSESSMENT

## Introduction

The purpose of this report is to document the methods and results of an assessment of tetrachloroethene (PCE) in soil and groundwater at and near the Stoneway Concrete plant in Renton, Washington. The concrete plant is located east of Renton's major production wells (RW-1,2, and 3; PW-8; and PW-9) as shown in Figure 1. Relatively high concentrations of PCE in PW-8, noted from routine sampling, prompted this evaluation. Work consisted of the following general tasks:

- Review historical documents,
- Simulate groundwater flow in summer of 1997 using the Renton Aquifer Model,
- Generate a work plan,
- Assess feasibility of Geoprobe™ sampling near Stoneway,
- Expand off site Geoprobe™ sampling near Stoneway,
- Sample Stoneway soils and groundwater using a hollow stem auger,
- Assess groundwater flow directions, and
- Sample potential source materials at Stoneway.

The work was authorized as part of City of Renton Contracts CAG 97-037 and CAG 98-036 with Pacific Groundwater Group. The work was performed, and this report prepared, using generally accepted hydrogeologic practices in use at this time in this area, for the exclusive use of the City of Renton, and for specific application to PCE contamination at and near Stoneway Concrete. This is in lieu of other warranties, express or implied.

Along with the work performed by Pacific Groundwater Group, City of Renton personnel performed extensive sampling of existing wells and potential PCE sources. City work related to PCE contamination of groundwater and potential PCE sources is also reported herein.

Renton recently changed its mapping system to NAD 83 using a metric coordinate system for horizontal control. Since most of the figures contained herein are based on a digital map provided by the City, the figures are scaled in meters. However, given the common usage of the English system, the text describes all distances in feet. Parenthetical metric equivalents are noted for consistency with the figures.

## Summary of Findings

- In June of 1997 PCE was first detected in City of Renton production well PW-8. Concentrations generally increased to a maximum of 4.4 parts per billion in September, 1997. Concentrations have since declined to 0.4 to 0.5 ppb. PCE was also detected in City pumping wells RW-1,2,3 in September and October of 1997. PCE was first detected in monitoring well MW-31S, located downgradient of Stoneway Concrete and upgradient of PW-8, in September, 1997.

- A model simulation, using current production well discharges, indicated that PW-8's capture zone extended east from the well. The detection of PCE at MW-31S, coupled with the model simulation, prompted a further assessment of PCE occurrence on and near the Stoneway Concrete facility.

- Groundwater samples collected from 19 different locations and depths were analyzed for PCE, other volatile organic compounds (VOCs), and in three cases, major groundwater ions. The groundwater data identify a plume of PCE that is approximately 130 feet (40 meters) wide and approximately 700 feet (210 meters) long extending across the Stoneway Concrete property. The long dimension of the plume is parallel to the direction of groundwater flow as interpreted from field measurements and groundwater model simulations. The plume is within the capture zone of PW-8 where PCE is also detected. The maximum PCE concentration detected in groundwater was 54 ppb on the Stoneway property. In addition to the PCE, major ion chemistry has been strongly affected in the plume as evidenced by high pH (12), alkalinity (790 ppm), and total dissolved solids (800 ppm) in some nearby monitoring wells.

- The plume location and shape are consistent with a source of contaminants at the wastewater ponds and waste soil mixing area on Stoneway property. Those two features became the primary suspected source areas. Eighteen concrete waste sediment samples were collected from the wastewater ponds and eight soil samples were collected from beneath the waste soil mixing area. These samples confirmed the presence of PCE in all four wastewater ponds and the soils below the mixing area. The maximum PCE concentration was 100 ppb in soil. Based on conversations with Stoneway personnel the means by which PCE came to be present in these materials is not known.

- The PCE detected in PW-8 probably entered the ground on the Stoneway Concrete property. The model calculates that the groundwater travel time between the suspected source areas and PW-8 is on the order of 1 month.

- We recommend that the City work with Stoneway to effect the following actions to protect the City's drinking water aquifer. See also list that has been compiled.

  - Remove contaminated sediments from the wastewater ponds in a manner that does not spread or mobilize PCE.

- Stop importing waste soils onto the property and stop mixing concrete waste sediment on the property.
- Identify best management practices and engineering controls that will substantially improve waste containment on the Stoneway property, including routine concrete truck washing.
- Sample groundwater from wells MW-31S, MW-40, and MW-42 monthly as a baseline and increase sampling to weekly during periods of waste removal or waste management on the site. Alter waste removal practices if monitoring data indicate increased releases of PCE or other contaminants.
- Consider remediation of existing groundwater contamination based on groundwater monitoring data and the extent and effectiveness of improved waste management practices.

## Chronology of Events

Following is a chronology of events leading up to a focused assessment of PCE at the Stoneway plant in 1998:

- Spring of 1988:
  PCE was detected in six City of Renton monitoring wells (MW-6, MW-18, MW-19, MW-21, MW-22, and MW-24 [Figure 2]) in the downtown (deltaic) aquifer.
- 1988 to 1990:
  PCE concentrations declined to below detection limits effective at that time (0.5 ppb) in all wells after a dry cleaning facility stopped discharging PCE to a sanitary sewer and after the sewer was lined. Sampled sewer concentrations were as high as 34 ppb.
- 1990 to Summer 1997:
  PCE concentrations were detectable in six monitoring wells (MW-6, MW-19, MW-20, MW-21, MW-22, MW-24) with the new lower detection limit of 0.2 ppb. Only wells MW-6 and MW-20 had concentrations above 0.5 ppb.
- June 19, 1997:
  After an extensive period of time with wells RW-1,2,3 as lead wells, PW-8 had 0.55 ppb PCE and old production well PW-1 had 1.0 ppb chloroform. The City switched to PW-8 as the lead well to protect wells RW-1,2,3.
- August 7, 1997:
  With PW-8 as the lead well since June 24, 1997, PCE concentration in PW-8 rose to 3.6 ppb. The City then switched back to a RW-1,2,3 lead as of August 8, 1997.
- September 9, 1997:
  PW-8 and MW-18 reached unprecedented PCE concentrations of 4.4 and 5.6 ppb, respectively, and PCE was detected at MW-31S (near Stoneway) for the first time.
- September 26, 1997:
  On Friday, September 26, 1997, at about 15:00, PW-8 began pumping to waste continuously and wells RW-1,2,3 were placed on first-call to supply the City drinking water. The objective was to use PW-8 to protect wells RW-1,2,3 while

9/97 to 10/97 PCE detects in RW 1,2,3

RW-1,2,3 supplied the City water. Also, this pumping arrangement was planned to create a steady-state flow field that would enhance the likelihood of locating the PCE source.

## Preliminary Work

### *Historical Groundwater Monitoring*

City of Renton personnel have routinely sampled the City's production wells and selected monitoring wells for PCE since 1988, when a PCE source was identified northwest of wells RW-1,2,3. Table 1 presents the results of this sampling in pertinent wells. Figure 2 shows the well locations and Figure 3 presents time-series concentration plots for key wells. Table 2 summarizes other VOCs that have been detected.

### *Evaluation of Potential Sources*

City personnel reviewed aquifer protection data on potential PCE sources. As a result of this review, samples of water from sanitary sewers, storm sewers, and Stoneway's wastewater pond were analyzed for VOCs including PCE.

Stormwater runoff from most of the site and water from the concrete truck wash station is routed through the wastewater pond through a series of baffles. The baffles in effect create four pond cells that are connected by 2-foot-wide and 2-foot-deep trenches. Each pond cell is approximately 50 feet by 50 feet square. Water is pumped off the downstream (eastern-most) pond and is discharged to the METRO sanitary sewer.

Samples were submitted to Analytical Resources, Inc. (ARI) for EPA Method 8260 analyses; however, in many cases only PCE and chloroform were reported. Table 3 presents the analyses of samples from these potential PCE sources and Figure 4 shows their locations. Figure 5 is an idealized map of the Stoneway wastewater ponds. PCE was detected twice near the detection limit in the Stoneway wastewater. PCE was also detected in a sample of sewer water collected from Manhole # 7 located northwest of RW-1,2,3.

### *Groundwater Model Results*

The Renton Aquifer Model was run using actual average discharges from City supply wells after PW-8 began pumping to waste (actual data from September 27 through October 2, 1997). Well discharges are summarized in Table 4 and groundwater flowlines generated from the model are shown in Figure 6. The model results represent steady-state conditions in the aquifer and indicate that the RW-1,2,3 capture zone was limited to uncontaminated areas near the river and south of the river. The flowlines also indicate that the PW-8 capture zone included the Stoneway vicinity. This pumping scheme was therefore maintained to protect RW-1,2,3 from PCE contamination. It also provided a guide to exploration for the PCE source.

Based on the groundwater sampling, potential source sampling, and modeling results, it was considered likely that a leak or discharge of PCE occurred recently within the capture zone of PW-8 (as modeled) and is responsible for the first record of contamination of MW-31S and unprecedented concentrations in MW-18, PW-8, and RW-1,2,3.

## Groundwater and Soil Sampling

### *Geoprobe Samples*

*Round I*

A feasibility assessment of Geoprobe™ groundwater sampling capabilities was performed on December 1, 1997. Exploration locations A-1 through A-6 were attempted on the Stoneway property and all met refusal above the water table except A-1 where a groundwater sample was collected. Exploration A-7 was advanced into the aquifer outside of the Stoneway property (Figure 7). Because soils were not sampled, no boring logs were prepared. Samples were submitted to ARI for EPA Method 8260 analyses. Table 5 presents analysis results from Geoprobe™ groundwater samples. Because it appeared that sampling would be successful outside the Stoneway property but not inside, additional Geoprobe work was conducted along the fence line north and west of the property.

*Round II*

Geoprobe™ groundwater samples were collected at locations A-8 through A-12 on January 7, 1998. Because soils were not sampled, no boring logs were prepared. Groundwater samples were submitted to ARI for EPA Method 8260 analyses. The analyses indicated the presence of PCE at locations A-9, A-10, and A-11, which span a width of approximately 90 feet (27 meters) perpendicular to the direction of groundwater flow (Figure 7). The maximum recorded concentration was 29 ppb at A-9 (28 feet below ground surface [bgs]). Vertical profiling indicated that the plume of PCE extended from near the water table depth of about 12 feet to greater than 50 feet bgs at A-9.

### *Drilling*

A hollow-stem auger operated by Cascade Drilling was used to install wells and sample soils and groundwater on the Stoneway property on February 23, 24, and 25, 1998. Previous and unsuccessful Geoprobe location A-2 was redrilled with the auger, and soil and groundwater samples were also collected at locations A-14 through A-16 (Figure 7). Monitoring wells were installed at locations MW-40, MW-41 and MW-42. Boring logs for these explorations are included in Appendix A. Wells MW-40 and MW-42 were sampled twice prior to generation of this report.

*Soil Sampling*

In all the borings described above, soil samples were collected on approximate 5-foot intervals, described by a geologist, and retained in glass jars supplied by ARI The on-site borings typically penetrated gravel fill over a few feet of sand with varying amounts

of silt and gravel near land surface. Within a few feet of ground surface, the borings typically penetrated gravel with varying amounts of sand and silt. The monitoring wells were screened within 15 feet of the water table (as measured at the time of drilling) in zones of sand and gravel. The natural deposits are part of the Cedar River alluvium, which is described in previous reports (RH2,1993; GeoEngineers,1986; and Pacific Groundwater Group,1994).

Sixteen soil samples were submitted for EPA Method 8260 analyses. Table 7 presents the analytical results. Three soil samples had detections of PCE. These are the 19-foot sample in A-16, the 19-foot sample in MW-40, and surface sample from MW-41. Concentrations are 4.0, 2.5, and 1.8 ug/L, respectively. All other soil detections are for non-chlorinated species. The concentrations are relatively low and do not indicate a contaminant source. The surface soil sample from MW-41 suggests that PCE has become widely dispersed on the site, probably as a result of truck traffic and water movement. Location A-14 is downgradient of the waste soil stockpile. Lack of PCE in the four samples from location A-14 suggests that waste soils near A-14 were not the original source of PCE.

*Water Level Measurements and Groundwater Sampling*

Wellhead elevations were surveyed by the City to NGVD88 and water level measurements were collected on March 4, 1998 (Table 6). Based on groundwater elevations in MW-31S, MW-40, MW-41, and MW-42, groundwater was interpreted to be flowing to the northwest, in a direction closely corresponding to the model prediction.

Figure 8 shows the Stoneway site with groundwater flow directions, groundwater PCE concentrations, and an approximate PCE plume boundary interpreted from the data. The maximum PCE concentration in groundwater was at MW-40 (54 ppb). The lack of PCE in groundwater at A-2 (within the plume boundary as drawn on Figure 7) could result from non-uniform releases from the source (and the resulting non-uniform plume conditions). Alternatively, a steady plume boundary may be more complex than approximated by the straight lines used in Figure 8. In any case, the plume boundary will change with time and pumping conditions.

In addition to having the highest concentrations of organic contaminants, water from MW-40 also had high pH (about 12) and contained high concentrations of dissolved ions associated with concrete (800 ppm total dissolved solids, 790 ppm alkalinity as CaCO3, 305 ppm calcium, and 44 ppm sodium). The groundwater purged from MW-40 smelled like wet cement. The pH of groundwater from MW-42, located about 390 feet (118 meters) downgradient of MW-40, was also elevated at 9.7 pH units on May 20, 1998. The high groundwater pH and elevated ion concentrations indicate that concrete manufacturing or the management of concrete wastes on the site is degrading groundwater quality.

The PCE plume boundaries projected upgradient to the Stoneway wastewater ponds which were sampled earlier and found to contain PCE (Table 3). Discussions with Stoneway personnel at this time indicated that the concrete waste from the ponds was

mixed with waste soils from off-site sources in a "mixing area" just north of MW-40. The purpose of the mixing is to lower pH and allow disposal in a construction debris landfill. Since run-off water from the mixing area returns to the wastewater ponds, it is possible that the PCE could have originated from the wastewater ponds or waste soils from off-site.

Sampling of groundwater directly upgradient of the wastewater ponds was not feasible because the ponds border directly on the Cedar River. PCE was not detected upgradient but some distance from Stoneway at wells MW-32 and MW-33. Comprehensive upgradient sampling of groundwater was not considered necessary to find that the wastewater ponds were contaminated from on-site sources. The water elevation in the wastewater ponds is an estimated five feet above the river level, and the groundwater level is below the river level. Therefore, natural water flow from groundwater and the river could not have resulted in contamination of the wastewater ponds.

Based on these results, samples were collected from sediment in the wastewater ponds and from soils below the mixing area as described below.

### *Wastewater Pond Sediment Sampling*

Concrete waste in the wastewater ponds was sampled by hand-auger drilling on April 29, April 30, and May 4, 1998. Figure 5 shows the boring locations.

The bulk of the sediment is a very soft, very fine-grained material. Occasional thin (6-inch) layers of sand or gravelly sand occur at various intervals in each of the ponds. Water occurs at the surface of each pond and varies in depth from zero feet in Cell A to approximately 5 feet in Cell D. The depth to the bottom of the ponds varies between 11 feet on the side closest to the Cedar River to greater than 16 feet on the northern side. The ponds are reportedly concrete lined.

Thirty samples were submitted to Analytical Resources Inc. for EPA Method 8260 analyses (only PCE was reported). Table 8 summarizes the results. PCE was detected in 14 of the 30 samples submitted, at concentrations up to 73 ppb. All pond cells had detections of PCE. Relatively high concentrations occurred both near the top and the bottom of the sediment. No attempt has been made to further interpret a contamination pattern, although a pattern may exist.

### *Mixing Area Sampling*

A hollow stem auger drilling rig was used to sample soils above the water table below the mixing area. Six borings were advanced as shown in Figure 7 and four or five soil samples were collected from each boring. The borings encountered gravels mixed with varying amounts of sand and silt in the northern portion of the area. At MA-2 a moderate solvent odor was perceived at about 7 feet depth in a zone also containing wood fibers. In the south half of the area at MA-5 an MA-6, concrete slurry and silt were encountered to 10 feet depth.

## TABLE 1: GROUNDWATER WELL PCE CONCENTRATIONS (continued)

NOTES:

1. Sample tested <0.2 for PCE but measured 0.9 M/P Xylene; 2.2 Chloroform
2. Sample also tested 0.2 for o-xylene and 0.6 for chloroform
3. Sample also tested at 0.3 for Trichlorofluoromethane.
4. Sample also tested 1.0 for Chloroform
5. Sample also tested 3.0 for Chloroform
6. Sample also tested 0.98 for Chloroform
7. Sample also tested 0.1 for Chloroform
8. Sample also tested 0.2 for Chloroform
9. Sample also tested 0.8 for Chloroform
10. Sample also tested 0.5 for Chloroform
11. Sample also tested 2.6 for Chloroform, 0.7 for Bromodichloromethane, and 0.2 for Chlorodibromomethane
12. Sample also tested 0.4 for Chloroform
13. Sample also tested 1.4 for Chloroform
14. Sample also tested 0.9 for Chloroform
15. Sample also tested 1.5 for Chloroform
16. Sample also tested 0.7 for Chloroform
17. Sample also tested 1.3 for Chloroform
18. Sample also tested 1.4 for Chloroform
19. Sample also tested 0.2 for TCE
20. Sample also tested 1.1 for Chloroform
21. Sample also tested 1.0 for 2-Butanone
22. Sample also tested 0.3 for Chloromethane
23. Sample also tested 0.3 for TCE
24. Sample also tested 0.22 for TCE

The effort was limited to soils above the water table to evaluate the mixing area as a source of contaminants (contaminants above the water table must have moved downward from the ground surface). Appendix A contains the boring logs. Eight soil samples were submitted to Analytical Resources Inc. for EPA Method 8260 analyses (only PCE was reported). Table 7 presents the results.

PCE was detected in four of the eight samples submitted, at concentrations up to 100 ppb. The data are insufficient to detect a pattern to the concentrations.

### *Conceptual Model - PCE Migration*

This section presents a conceptual model of PCE occurrence and migration in the Stoneway vicinity. It begins with a discussion of source characteristics, and ends with a discussion of migration and interception by pumping wells. The concepts are based on interpretation of field data and known contaminant characteristics; much of the model has not been directly confirmed.

A source of mixed chlorinated hydrocarbons, non-chlorinated hydrocarbons, and inorganic contaminants exists within the concrete wastewater ponds and the mixing area on the Stoneway property. The organics may occur as an oil, may be dissolved in water, and/or may be adsorbed to soil and sediment. However, the low organic matter content of the concrete waste and native sands and gravels suggests that relatively little of the PCE will adsorb to the soil and that oil and water phases will predominate near the source.

The organic chemicals detected include those found in fuels, solvents, paints, and other liquid organic products. The inorganic chemicals are probably directly associated with cement manufacturing. It is unlikely that a single product contains all the detected contaminants. It is more likely that the source is a waste material that contains all the contaminants, or that more than one source is present. The association of the organic contaminants with high pH and ion concentrations suggests a common source or overlapping sources for the organic and inorganic contaminants.

PCE is leached into the groundwater as water moves downward out of the wastewater ponds and mixing area. These areas are concrete lined but probably leak. Cracks have been observed in the concrete slabs recently poured in the mixing area. Disturbance of the source areas, including pond sediment, could remobilize contaminants.

Near the source area, the groundwater plume contains many organic and inorganic contaminants of various characters as evidenced by the test results at MW-40. The organic, non-chlorinated contaminants like those in fuels (toluene, xylene, naphthalene) generally move more slowly and degrade more rapidly than the chlorinated contaminants like PCE. Acetone and the ketones move fairly rapidly but they also degrade rapidly. Therefore, these compounds are not detected along the fence line (downgradient). PCE is the contaminant of greatest concern because it is relatively mobile, persistent, and it is

migrating at a concentration that is high relative to the drinking water maximum contaminant level (MCL) of 5 ppb.

The water level data from the new wells indicate that groundwater flows from the settling pond area toward PW-8, nearly parallel to that predicted by the groundwater flow model. Groundwater travels toward PW-8 at an estimated rate of 7.5 feet (2.3 meters) per day in the Stoneway vicinity. The PCE probably moves slightly slower than the groundwater. The groundwater takes on the order of 1 month to reach PW-8 under the pumping conditions modeled.

# TAABLE 2: OTHER DETECTED CONSTITUENTS IN GROUNDWATER NEAR STONEWAY CONCRETE

| GeoProbe Sample | | A1 | A7 | A8-40 | A9-28 | A11-22 | A11-38 | A12-22 | A12-38 | A9-50 | A16-20 | A2-30 | A2-20 | A14-35 | A14-25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 1-Dec-97 | 12-Dec-97 | 7-Jan-98 | 7-Jan-98 | 7-Jan-98 | 7-Jan-98 | 8-Jan-98 | 8-Jan-98 | 8-Jan-98 | 25-Feb-97 | 25-Feb-97 | 25-Feb-97 | 25-Feb-97 | 25-Feb-97 |
| acetone | ppb | 3.3 | 2.3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 1.3 | 3.4 | 1.8 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 1,1,2,2,-tetrachloroethane | ppb | 0.3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| toluene | ppb | 0.2 | 0.2 U | 0.2 U | 0.2 U | 0.3 | 0.2 U | 0.2 U | 0.2 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| trichloroethene | ppb | 0.2 U | 0.2 U | 0.2 U | 1.2 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.6 | 1.2 | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| carbon disulfide | ppb | 0.2 U | 0.2 U | 0.2 | 0.2 U | 0.2 U | 0.3 | 0.2 U | 0.4 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| chloroform | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 B | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| chloromethane | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 14 | 3.4 | 0.9 | 0.6 |
| Naphthalene | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 3.5 | 0.2 U | 0.2 U | 0.2 U |
| 2-butanone | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 1.6 | 0.2 U | 0.2 U | 0.2 U |
| 4-methyl-2-pentanone | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 1.7 | 0.2 U | 0.2 U | 0.2 U |
| 2-hexanone | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 | 0.6 |
| n-propylbenzene | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.3 |
| o-xylene | ppb | 0.2 U | --- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 4-isopropyltoluene | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| calcium | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| magnesium | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| potassium | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| sodium | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| lab pH | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| CaCO3 alkalinity | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| lab specific conductance | uS | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| N-nitrate | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| N-nitrite | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| sulfate | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| total dissolved solids | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

| Monitoring Well Sample | | MW-31S | MW-31S | MW-31S | MW-31S HYDRO | MW-31S PERI | MW-31S | MW-31S | MW-31S | MW-42 | MW-41 | MW-40 | MW-42 | MW-40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 2-Dec-97 | 9-Dec-97 | 16-Dec-97 | 7-Jan-98 | 7-Jan-98 | 13-Jan-97 | 20-Jan-97 | 27-Jan-97 | 3-Mar-97 | 3-Mar-97 | 3-Mar-97 | 20-May-98 | 20-May-98 |
| acetone | ppb | 0.2 U | 0.2 U | 1 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 19 | 6.2 | 19 | 0.2 U | 0.2 U |
| 1,1,2,2,-tetrachloroethane | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| toluene | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 | 0.2 U | 0.2 U |
| trichloroethene | ppb | 0.3 | 0.2 | 0.2 U | 0.3 | 0.3 | 0.3 | 0.3 | 0.22 | 0.2 U | 0.2 U | 3.1 | 0.29 | 2.4 |
| carbon disulfide | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| chloroform | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 | 0.2 | 0.6 | 0.2 U | 0.2 U |
| chloromethane | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 | 0.3 | 0.3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| Naphthalene | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 9.6 | 0.2 U | 8.2 |
| 2-butanone | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 3 | 0.2 U | 0.2 U |
| 4-methyl-2-pentanone | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 1.4 | 0.2 U | 0.2 U |
| 2-hexanone | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 1.3 | 0.2 U | 0.2 U |
| n-propylbenzene | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| o-xylene | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 4-isopropyltoluene | ppb | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| calcium | ppm | NA | NA | NA | NA | NA | NA | NA | NA | 19.9 | 10.6 | 246 | 17.4 | 305 |
| magnesium | ppm | NA | NA | NA | NA | NA | NA | NA | NA | 0.22 | 2.25 | 0.2 U | 0.46 | 0.29 |
| potassium | ppm | NA | NA | NA | NA | NA | NA | NA | NA | 3.7 | 0.6 | 16.7 | 2.9 | 19.2 |
| sodium | ppm | NA | NA | NA | NA | NA | NA | NA | NA | 12 | 3.23 | 48.8 | 9.55 | 44.7 |
| lab pH | | NA | NA | NA | NA | NA | NA | NA | NA | 11 | 7.2 | 12 | 9.7 | 12 |
| CaCO3 alkalinity | ppm | NA | NA | NA | NA | NA | NA | NA | NA | 72 | 36 | 700 | 58 | 790 |
| lab specific conductance | uS | NA | NA | NA | NA | NA | NA | NA | NA | 210 | 89 | 3300 | 130 | 3300 |
| N-nitrate | ppm | NA | NA | NA | NA | NA | NA | NA | NA | 0.64 | 0.34 | 0.011 | 0.56 | 0.036 |
| N-nitrite | ppm | NA | NA | NA | NA | NA | NA | NA | NA | 0.01 U | 0.01 U | 0.28 | 0.01 U | 0.15 |
| sulfate | ppm | NA | NA | NA | NA | NA | NA | NA | NA | 6.3 | 5.2 | 4.9 | 5.8 | 3.5 |
| total dissolved solids | ppm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 59 | 800 |

Notes:

Only sample locations near Stoneway are included (MW-31S, MW-40, MW-41, MW-42, and Geoprobe samples)

Samples were all analyzed for volatile organic compounds using EPA Methods 8260 or 524.2; however, the analytes reported varied.

Therefore, this table may not be a complete listing of compounds detectable by the methods noted.

U=not detected at indicated detection limit B=also contained in method or trip blank NA=not analyzed

## TABLE 3: SUMMARY OF INITIAL SOURCE IDENTIFICATION ANALYSES
## (Sewer Samples and Initial Stoneway Wastewater Pond Samples)

| Sample ID | Date | Sample Matrix/source | Concentration (ppb) | | Comments |
|---|---|---|---|---|---|
| | | | PCE | 'Chloroform | |
| 1911 Maple Valley Highway | 30-Sep-97 | sewer water | 0.2 U | 0.4 | other 8260 analytes not reported |
| Community Center | 30-Sep-97 | sewer water | 0.2 U | 0.2 U | other 8260 analytes not reported |
| Riverview Park | 30-Sep-97 | sewer water | 0.2 U | 2.8 | other 8260 analytes not reported |
| SS 5317-301 | 6-Oct-97 | sewer water | 0.2 U | 3.5 | also contained 1,4-dichlorobenzene |
| SS MH-263 | 6-Oct-97 | sewer water | 0.2 U | 0.2 U | other 8260 analytes not reported |
| Pond Bottom | 10-Oct-97 | Stoneway wastewater | 0.2 U | 0.2 U | complete Method 8260 analysis report, no other VOCs detected |
| Pond Top | 10-Oct-97 | Stoneway wastewater | 0.2 | 0.2 U | complete Method 8260 analysis report, no other VOCs detected |
| Well | 10-Oct-97 | Stoneway water supply well | 0.2 U | 0.2 U | complete Method 8260 analysis report, no other VOCs detected |
| OW Sep Top | 10-Oct-97 | Stoneway oil/water separator | 0.2 U | 0.2 U | complete Method 8260 analysis report, other VOCs detected |
| SS MH #7 | 14-Oct-97 | sewer water | 3.2 | 1.0 U | complete Method 8260 analysis report, other VOCs detected |
| SS MH #41 | 14-Oct-97 | sewer water | 1.0 U | 8.1 | complete Method 8260 analysis report, other VOCs detected |
| CRPSTMO #2 | 14-Oct-97 | sewer water | 0.2 U | 0.2 U | other Method 8260 analytes not reported |
| CRPSTMO #1 | 14-Oct-97 | sewer water | 0.2 U | 0.2 U | other Method 8260 analytes not reported |
| CRPSTMO #3 | 14-Oct-97 | sewer water | 0.2 U | 0.2 U | other Method 8260 analytes not reported |
| Recirc Pond Top | 17-Oct-97 | Stoneway wastewater | 0.8 | 0.2 U | other Method 8260 analytes not reported |
| Recirc Pond Bottom | 17-Oct-97 | Stoneway wastewater | 0.5 | 0.2 U | other Method 8260 analytes not reported |
| Infilt Pond Sediment | 17-Oct-97 | Stoneway wastewater pond sediment | 2.4 U | 2.4 U | other Method 8260 analytes not reported |

U = not detected at the indicated detection limit
ppb = parts per billion

## TABLE 4: AVERAGE WELL DISCHARGES CALCULATIONS

| Period | Inclusive Dates | | Average gpm | | | Description | Average cfd | | |
|---|---|---|---|---|---|---|---|---|---|
| | Start Date | End Date | RW-1,2,3 | PW-8 | PW-9 | | RW-1,2,3 | PW-8 | PW-9 |
| 1 | 5/1/97 | 6/23/97 | 3,681 | 541 | 1 | RW-1,2,3 Lead | 708,555 | 104,191 | 115 |
| 2 | 6/24/97 | 8/7/97 | 1,298 | 3,026 | 0 | PW-8 Lead | 249,967 | 582,639 | 91 |
| 3 | 8/8/97 | 9/26/97 | 4,115 | 696 | 51 | RW-1,2,3 Lead | 792,171 | 133,932 | 9,817 |
| 4 | 9/27/97 | 10/2/97 | 2,688 | 3,500 | 12 | RW-1,2,3 Lead, PW-8 to waste full time | 517,509 | 673,797 | 2,266 |

## TABLE 5: GROUNDWATER GEOPROBE™ SAMPLE PCE CONCENTRATIONS

| Sample Location | A2 | A2 | A8 | A8 | A9 | A9 | A9 | A10 | A10 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Depth in feet | 20 | 30 | 26 | 40 | 28 | 40 | 50 | 23 | 39 |
| Sample Date | 2/24/98 | 2/24/98 | 1/7/98 | 1/7/98 | 1/7/98 | 1/7/98 | 1/8/98 | 1/7/98 | 1/7/98 |
| tetrachloroethene (PCE) ppb | <0.2 | <0.2 | <0.2 | <0.2 | **29** | **27** | **16** | **15** | **17** |
| Sample Location | A11 | A11 | A12 | A12 | A14 | A14 | A15 | A16 | |
| Sample Depth in feet | 22 | 38 | 22 | 38 | 25 | 35 | 25 | 20 | |
| Sample Date | 1/7/98 | 1/7/98 | 1/8/98 | 1/8/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | |
| tetrachloroethene (PCE) ppb | <0.2 | **0.3** | <0.2 | <0.2 | <0.2 | **0.3** | **1.4** | **19** | |

TABLE 6: WELL SURVEY AND WATER LEVEL DATA

| Well Name | Surveyed Measuring Point Elevation NGVD29 | MP Datum Correction to NGVD88 | Water Level Measruement Date | Depth to Water in Feet | Water Level Elevation in Feet above NGVD88 |
|---|---|---|---|---|---|
| MW-31S | 47.18 | 3.58 | 3/4/98 | 24.18 | 26.58 |
| MW-40 | 42.67 | 0 | 3/4/98 | 13.25 | 29.42 |
| MW-41 | 41.35 | 0 | 3/4/98 | 12.4 | 28.95 |
| MW-42 | 49.44 | 0 | 3/4/98 | 24.67 | 24.77 |
| **Approximate Elevations of Other Water Bodies:** | | | | | |
| Cedar River at Stoneway under 10 yr Flood | | | | | 35 |
| Stoneway Settling Pond | | | | | 40 |

## TABLE 7: VOLATILE ORGANIC COMPOUNDS DETECTED IN SOIL

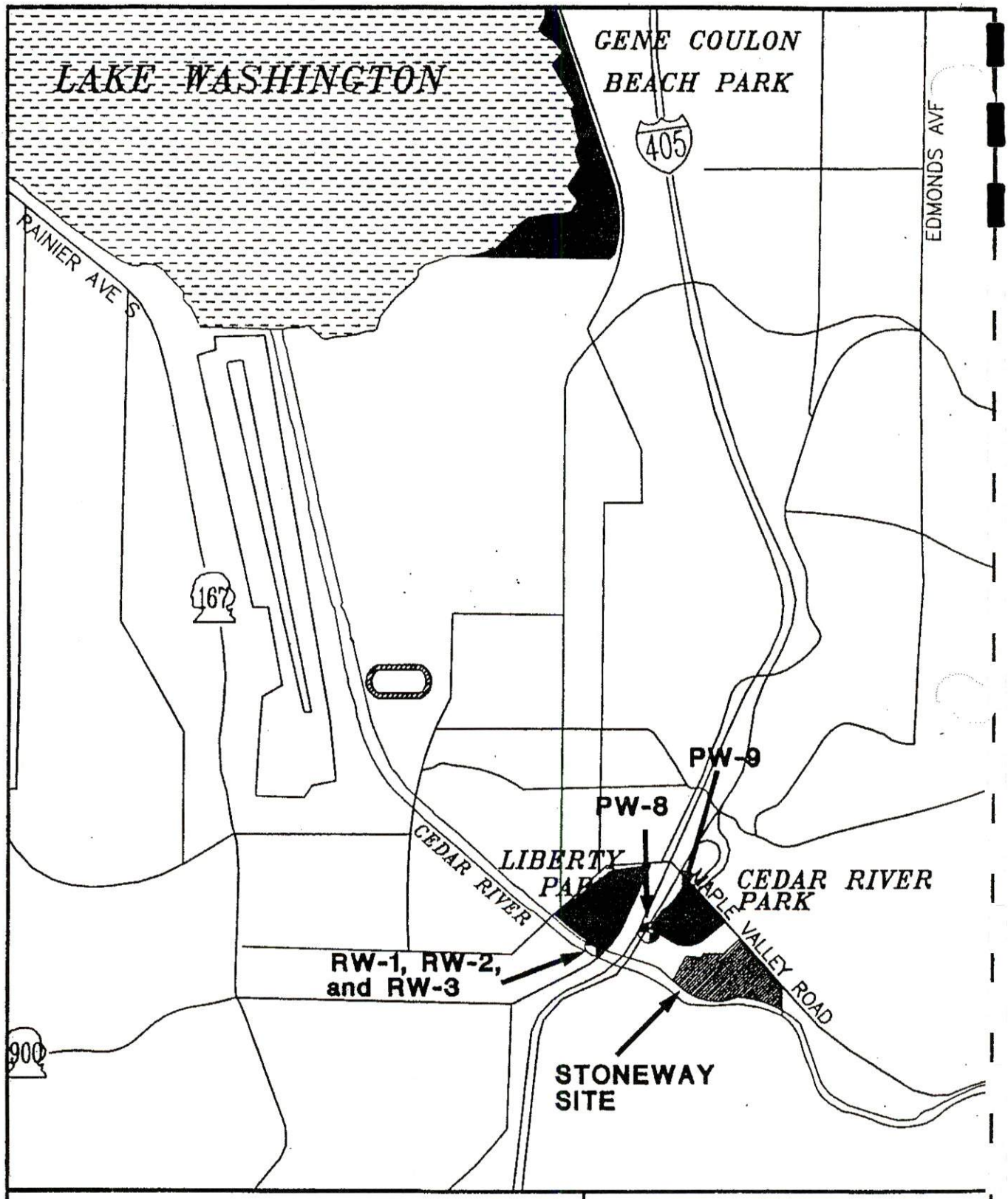
| Sample Location | | A2 | A2 | A14 | A14 | A14 | A14 -rag | A15 | A16 | A16 | A16 | MW-40 | MW-40 | MW-41 | MW-41 | MW-41 | MW-42 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Depth in feet | | 0-1.5 | 4.5-5 | 1.5-2 | 3-3.5 | 14-15.5 | 13 | 0-0.5 | 3-4.5 | 6-7.5 | 19-19.5 | 3-3.5 | 19-19.5 | 0-1.5 | 4.5-5.5 | 14.5-15.5 | 4-4.5 |
| Sample Date | | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/24/98 | 2/23/98 | 2/23/98 | 2/23/98 | 2/25/98 |
| acetone | ppb | 5.9 B | 52B | 6 B | 22 | 4.9 U | 100 B | 20 B | 5.9 B | 11 B | 14 B | 23 B | 16 | 17 B | 8.8 B | 17 B | 6.0 U |
| naphthalene | ppb | 5.8 U | 5.3 U | 5.3 U | 6.0 U | 4.9 U | 10 | 5.8 U | 5.3 U | 6.8 U | 5.8 U | 5.8 U | 6.5 U | 5.2 U | 5.1 U | 5.4 U | 6.0 U |
| tetrachloroethene (PCE) | ppb | 1.2 U | 1.1 U | 1.1 U | 1.2 U | 1.0 U | 1.3 U | 1.2 U | 1.1 U | 1.4 U | 4 | 1.2 U | 2.5 | 1.8 | 1.0 U | 1.1 U | 1.2 U |
| 2-butanone | ppb | 5.8 U | 5.3 | 5.3 U | 6.0 U | 4.9 U | 20 | 5.8 U | 5.3 U | 6.8 U | 5.8 U | 5.8 U | 6.5 U | 5.2 U | 5.1 U | 5.4 U | 6.0 U |
| carbon disulfide | ppb | 1.2 U | 1.1 U | 1.1 U | 1.2 U | 1.0 U | 7.6 | 1.2 U | 1.1 U | 1.4 U | 1.2 U | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| m+p xylene | ppb | 2.3 U | 2.1 U | 2.1 U | 2.4 U | 1.9 U | 130 | 2.3 U | 7.2 | 2.7 U | 4.7 | 2.3 U | 2.6 U | 2.1 U | 2.0 U | 2.2 U | 2.4 U |
| o-xylene | ppb | 1.2 U | 1.1 U | 1.1 U | 1.2 U | 1.0 U | 200 | 1.2 U | 2.9 | 1.4 U | 2.1 | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| toluene | ppb | 1.2 U | 1.1 U | 1.1 U | 1.2 U | 1.0 U | 3.2 | 1.2 U | 4.8 | 1.4 U | 2.2 | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| ethylbenzene | ppb | 1.2 U | 1.1 U | 1.1 U | 1.2 U | 1.0 U | 100 | 1.2 U | 1.7 | 1.4 U | 1.2 | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| 4-isopropyltoluene | ppb | 1.2 U | 1.1 U | 1.2 | 1.2 U | 1.0 U | 27 | 1.2 U | 1.1 U | 1.4 U | 1.2 U | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| 1,2,4-trimethylbenzene | ppb | 1.2 U | 2.3 | 1.4 | 1.2 U | 1.0 U | 4000 E | 1.2 U | 1.1 U | 1.4 U | 1.2 U | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| 1,3,5-trimethylbenzene | ppb | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1600 | 1.2 U | 1.1 U | 1.4 U | 1.2 U | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| isopropylbenzene | ppb | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 70 | 1.2 U | 1.1 U | 1.4 U | 1.2 U | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| n-propylbenzene | ppb | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 610 | 1.2 U | 1.1 U | 1.4 U | 1.2 U | 1.2 U | 1.3 U | 1.0 U | 1.0 U | 1.1 U | 1.2 U |
| n-butylbenzene | ppb | 2.3 U | 2.1 U | 2.1 U | 2.4 U | 1.9 U | 43 | 2.3 U | 2.1 U | 2.7 U | 2.3 U | 2.3 U | 2.6 U | 2.1 U | 2.0 U | 2.2 U | 2.4 U |
| Comment | | | | | | no VOCs detected | | | | | | | | | | | no VOCs detected |

### ADDITIONAL SAMPLES FROM CONCRETE WASTE MIXING AREA

| Sample Location | | MA-1 | MA-1 | MA-2 | MA-2 | MA-3 | MA-4 | MA-5 | MAA-6 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Depth in feet | | 5-5.5 | 9.5-10 | 6.5-7 | 9-9.5 | 9.5-10 | 6-7.5 | 5.5-7 | 7-8.5 |
| Sample Date | | 5/4/98 | 5/4/98 | 5/4/98 | 5/4/98 | 5/4/98 | 5/26/98 | 5/26/98 | 5/26/98 |
| tetrachloroethene (PCE) | ppb | 1.7 | 1.1U | 4.7 | 4.4 | 1.0U | 1.2U | 100 | 1.2U |

## TABLE 8: PCE CONCETRATIONS IN CONCRETE WASTE

| Sample Location | Sample Depth in feet | Sample Date | Tetrachloroethelene (PCE) ppb |
|---|---|---|---|
| PA-1 | 4.5-6.5 | 29-Mar-98 | 1.3 U |
| PA-2 | 12-13.5 | 29-Mar-98 | 2.5 U |
| PA-3 | 15-17 | 29-Mar-98 | **22** |
| PA-4 | 9-13 | 5-May-98 | 2.7U |
| PA-4 | 13 | 5-May-98 | 2.1U |
| PA-5 | 8-12 | 5-May-98 | 1.8U |
| PB-1 | 15-16 | 29-Mar-98 | **31** |
| PB-2 | 14.5-16.5 | 29-Mar-98 | **62** |
| PB-3 | 10-11 | 29-Mar-98 | **3.4** |
| PB-4 | 9-12 | 5-May-98 | **21** |
| PB-4 | 12-14 | 5-May-98 | **73** |
| PB-5 | 6-10 | 5-May-98 | 4.2U |
| PC-1 | 0-1 | 29-Mar-98 | **1.5** |
| PC-1 | 6.25-7 | 29-Mar-98 | **14** |
| PC-2 | 0-2 | 30-Apr-98 | **55** |
| PC-2 | 4.5-5.5 | 30-Apr-98 | **2.2** |
| PC-3 | 6-7 | 30-Apr-98 | **9** |
| PC-3 | 10-11 | 30-Apr-98 | 1.7 U |
| PC-4 | 4-8 | 5-May-98 | **4.5** |
| PC-4 | 8-13 | 5-May-98 | 1.8U |
| PC-5 | ? | 5-May-98 | NA |
| PD-1 | 4-6 | 30-Apr-98 | 1.6 U |
| PD-1 | 6-7 | 30-Apr-98 | 1.2 U |
| PD-2 | 0-1 | 30-Apr-98 | 1.3 U |
| PD-2 | 7-8.5 | 30-Apr-98 | **43** |
| PD-3 | 14-15 | 30-Apr-98 | 2.3 U |
| PD-3 | 8-11 | 30-Apr-98 | **4.6** |
| PD-4 | 4-6 | 5-May-98 | 1.9U |
| PD-5 | 8-12 | 5-May-98 | 2.4U |
| PA surface water | 0 | 29-Mar-98 | 0.2 U |



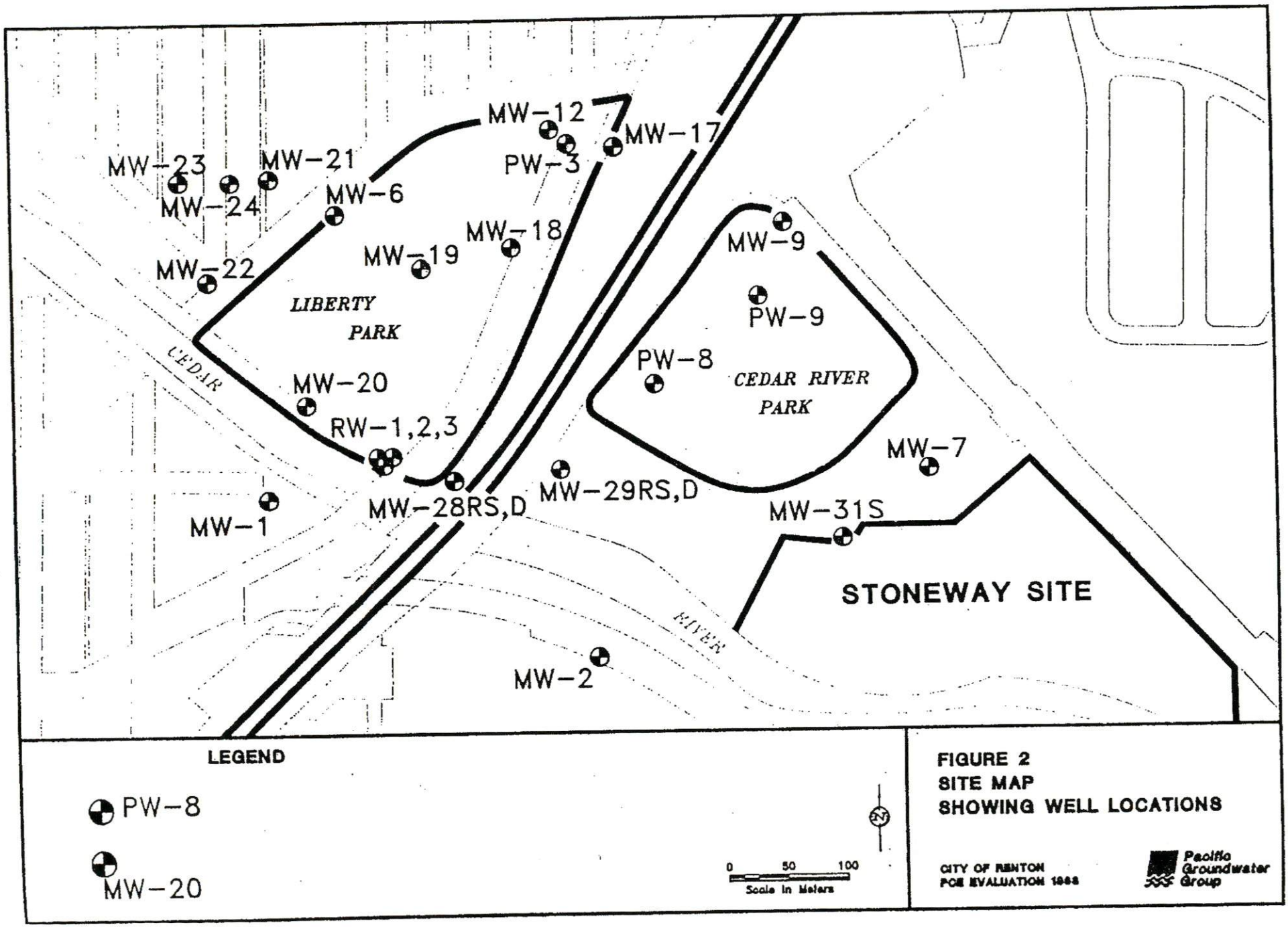

**LEGEND**

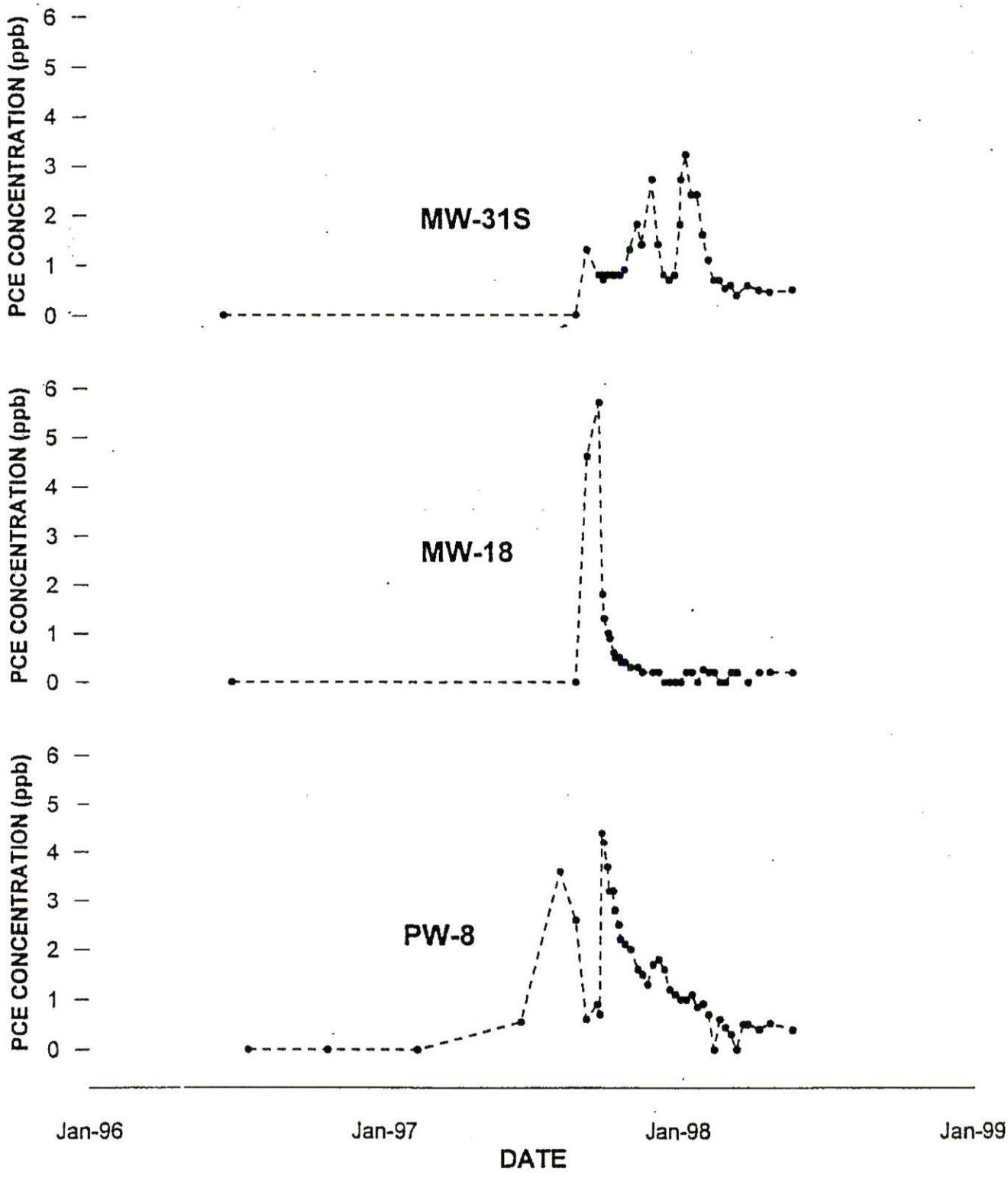
0 250 500
Scale in METERS

**FIGURE 1**
**VICINITY MAP**

CITY OF RENTON
POE EVALUATION 1998

Pacific Groundwater Group


MW-12
MW-17
PW-3
MW-23
MW-21
MW-24
MW-6
MW-18
MW-19
MW-22
LIBERTY
PARK
MW-9
PW-9
PW-8
CEDAR RIVER
PARK
CEDAR
MW-20
RW-1,2,3
MW-7
MW-29RS,D
MW-28RS,D
MW-31S
MW-1
STONEWAY SITE
RIVER
MW-2
LEGEND
PW-8
MW-20
0 50 100
Scale in Meters
FIGURE 2
SITE MAP
SHOWING WELL LOCATIONS
CITY OF RENTON
POE EVALUATION 1988
Pacific Groundwater Group




Note: Data points shown as 0.0 ppb in these plots were returned as non-detects by the laboratory using a less-than-the-detection-limit value.

**FIGURE 3**
**TIME SERIES PLOTS OF PCE CONCENTRATION FOR KEY WELLS**

CITY OF RENTON
PCE EVALUATION 1998

Pacific Groundwate Group

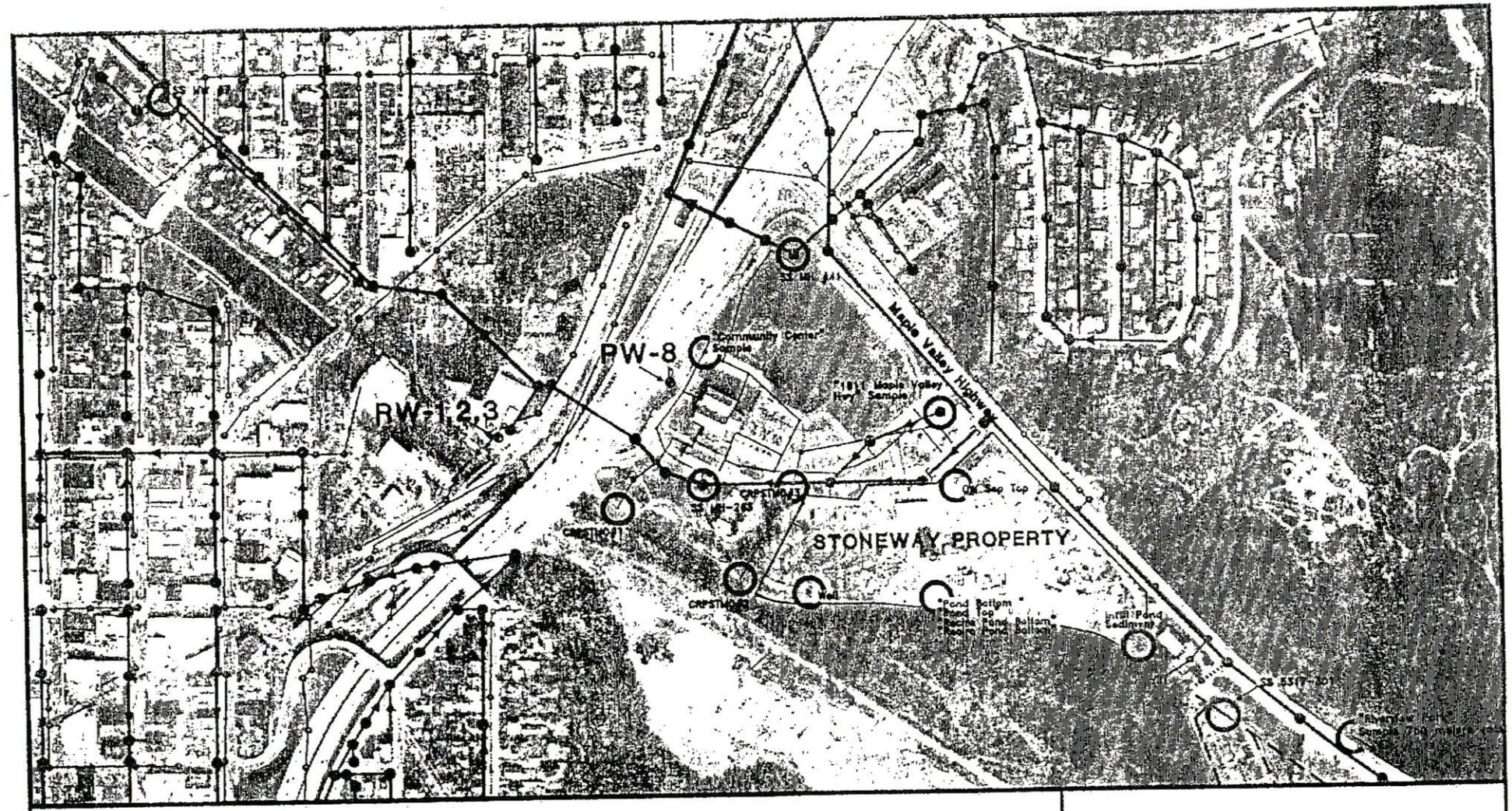
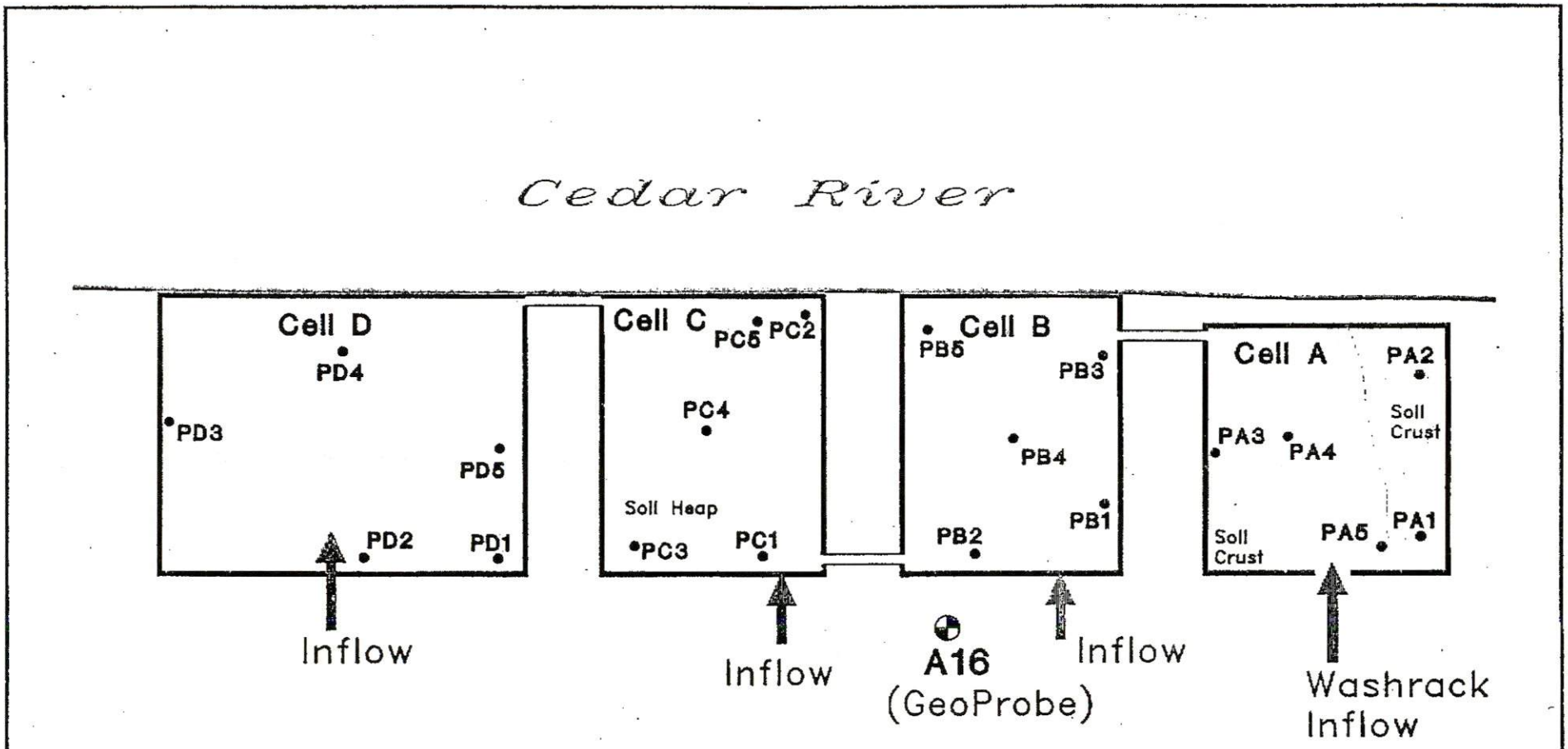



**FIGURE 4**
**INITIAL SAMPLING SITES FOR POTENTIAL PCE SOURCES**

CITY OF RENTON
PCE EVALUATION 1998

Pacific Groundwater Group

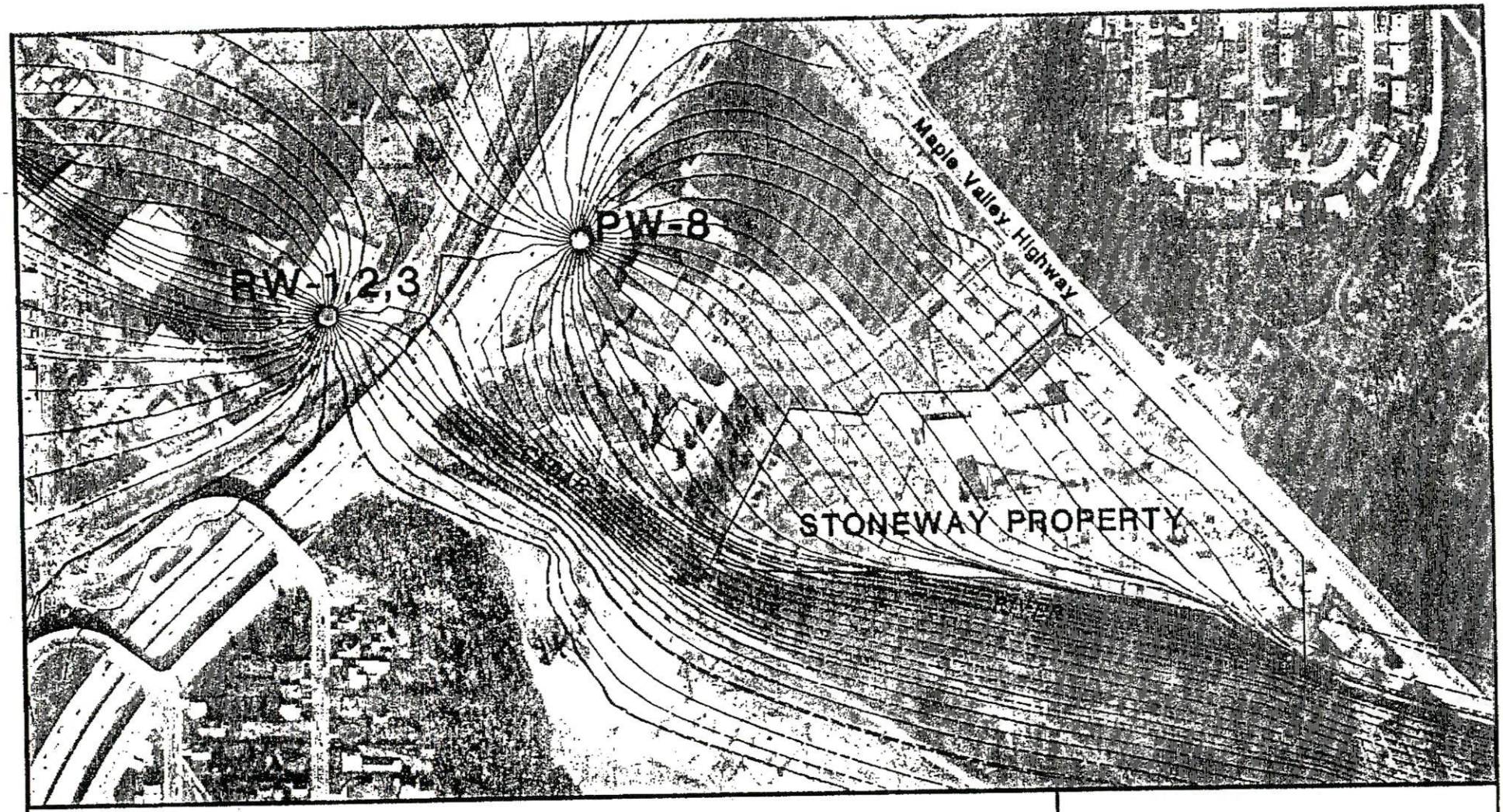



LEGEND

0 15 30
Scale in Feet

FIGURE 5
IDEALIZAED MAP OF STONEWAY WASTEWATER PONDS

CITY OF RENTON
PCE EVALUATION 1988



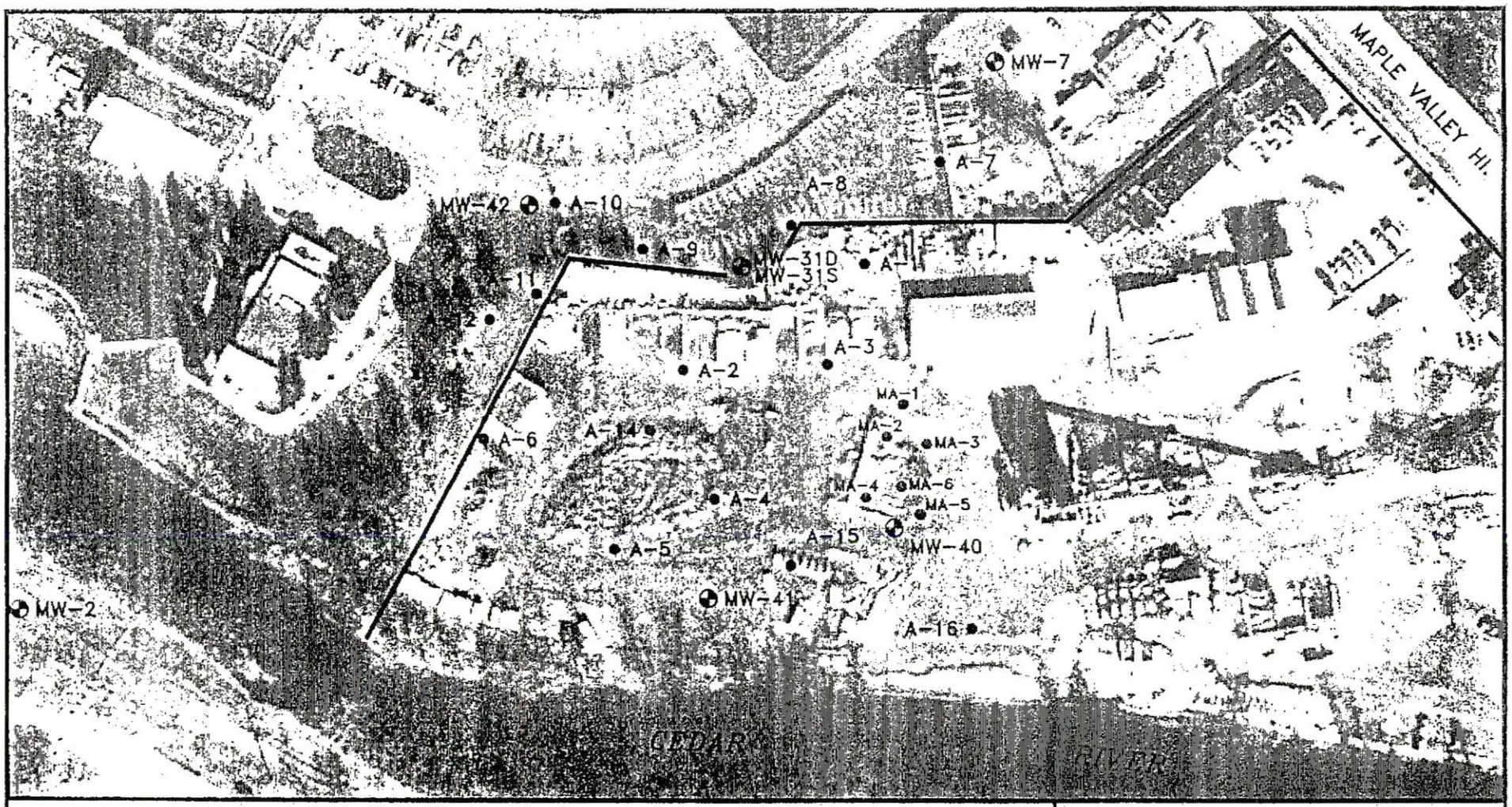

------ Groundwater Flow Paths (From Model)

0 50 100
Scale in Meters

**FIGURE 6**
**GROUNDWATER MODEL ANALYSIS RESULTS**

CITY OF RENTON
POE EVALUATION 1998

Pacific Groundwater Group




● A-1 Probe Locations

⊕ MW-1 Monitoring Well Locations

● MA-1 Mixing Area Soil Borings (Approximate Locations)

0 20 40
Scale in Meters

**FIGURE 7**
**STONEWAY SITE PLAN SHOWING ALL SAMPLING LOCATIONS**

CITY OF RENTON
PCE EVALUATION 1998

No ndwater

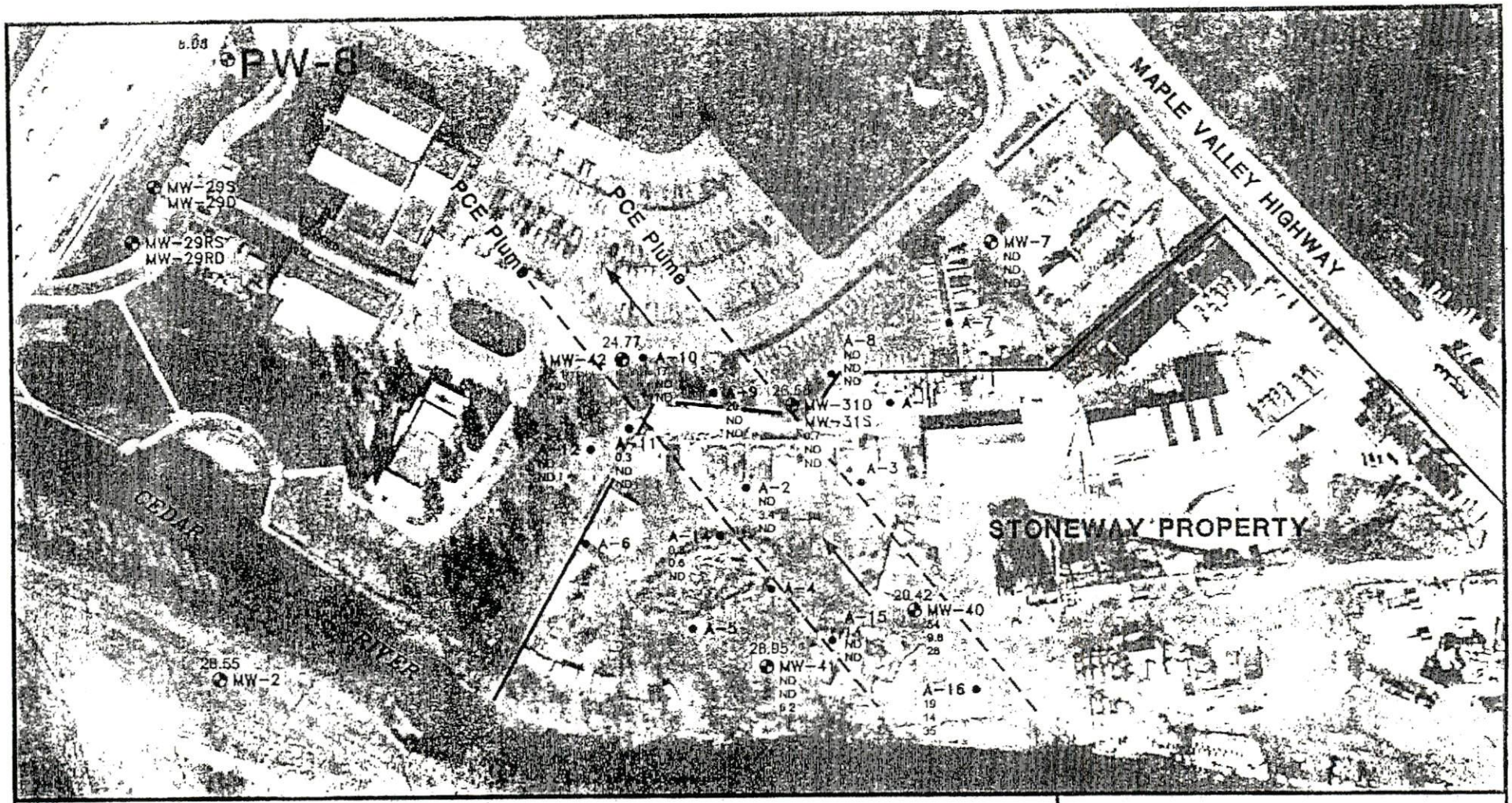
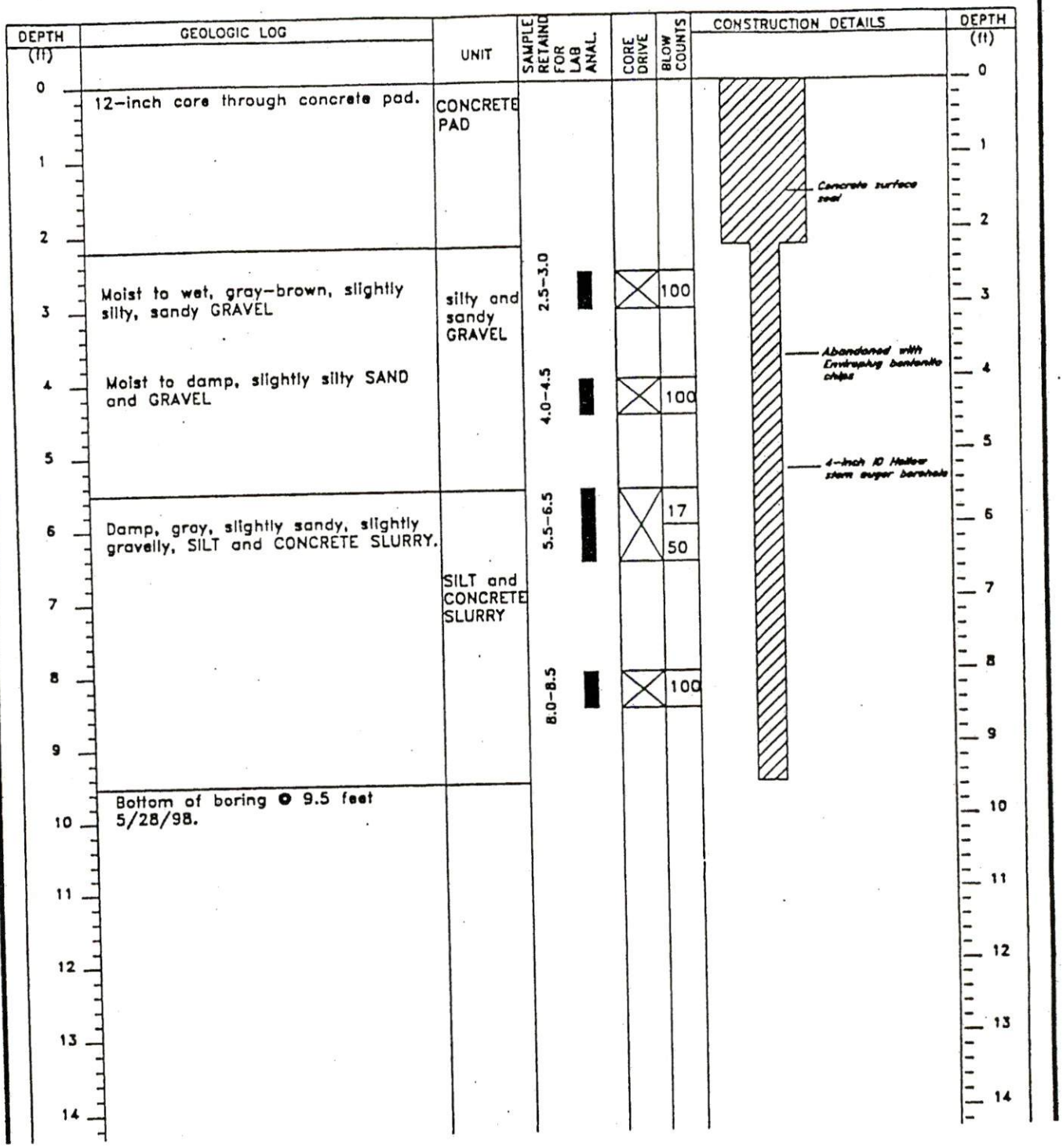



**FIGURE 8**
**STONEWAY SITEPLAN SHOWING PCE PLUME**

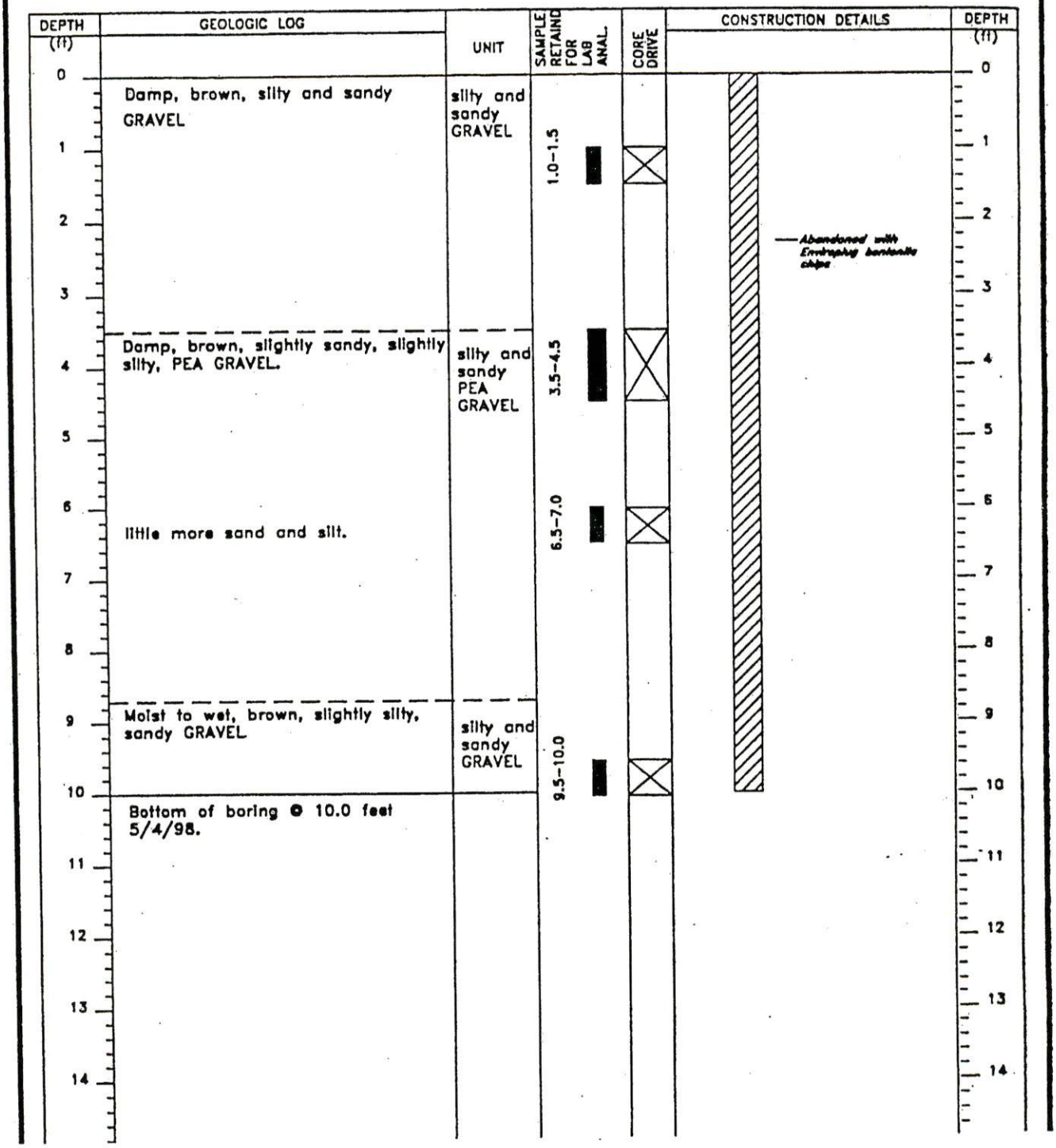
CITY OF RENTON
PCE EVALUATION 1998

Pacific Groundwater Group

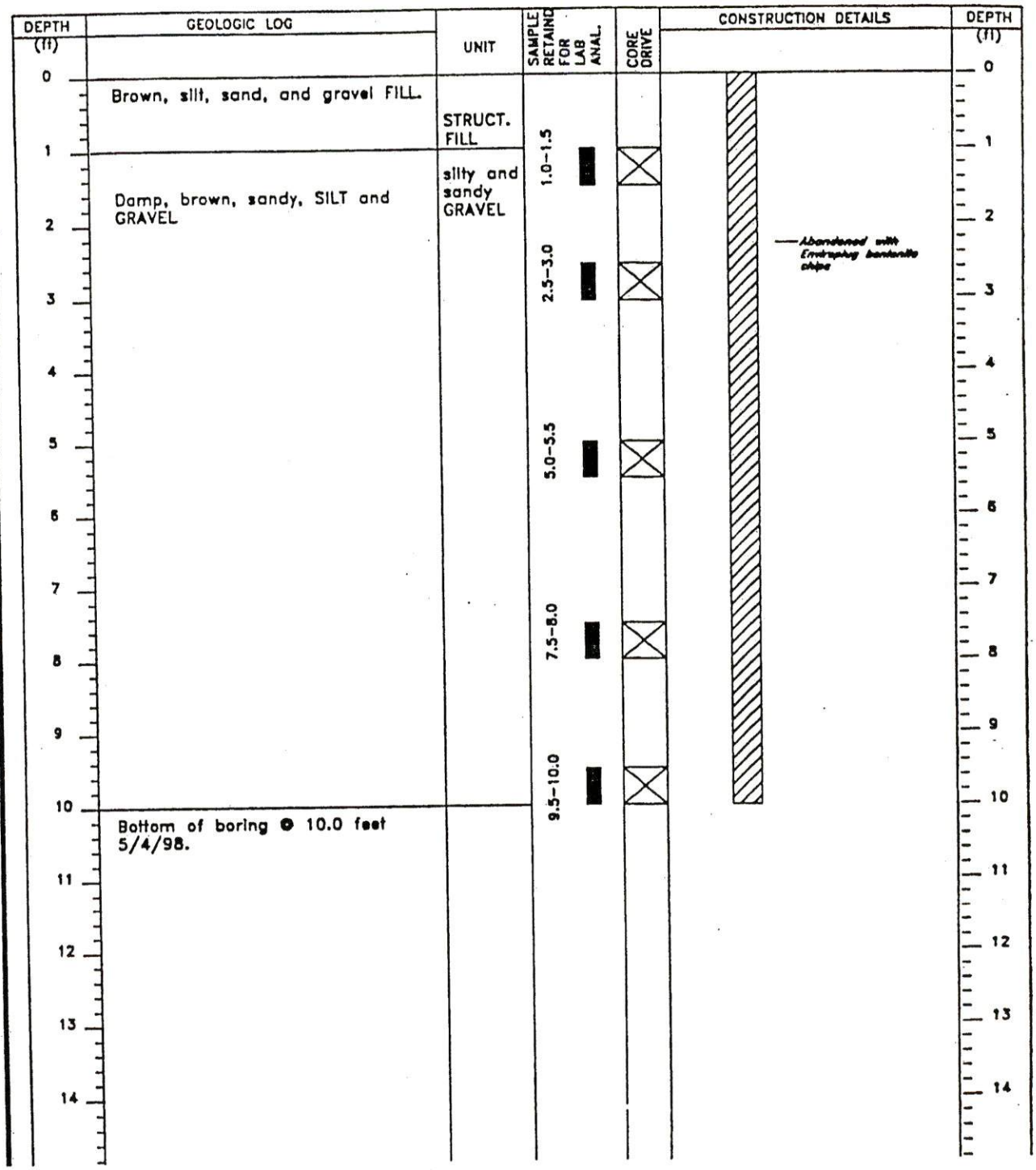
# RENTON/STONEWAY
# GEOLOGIC LOG - BORING MA-5



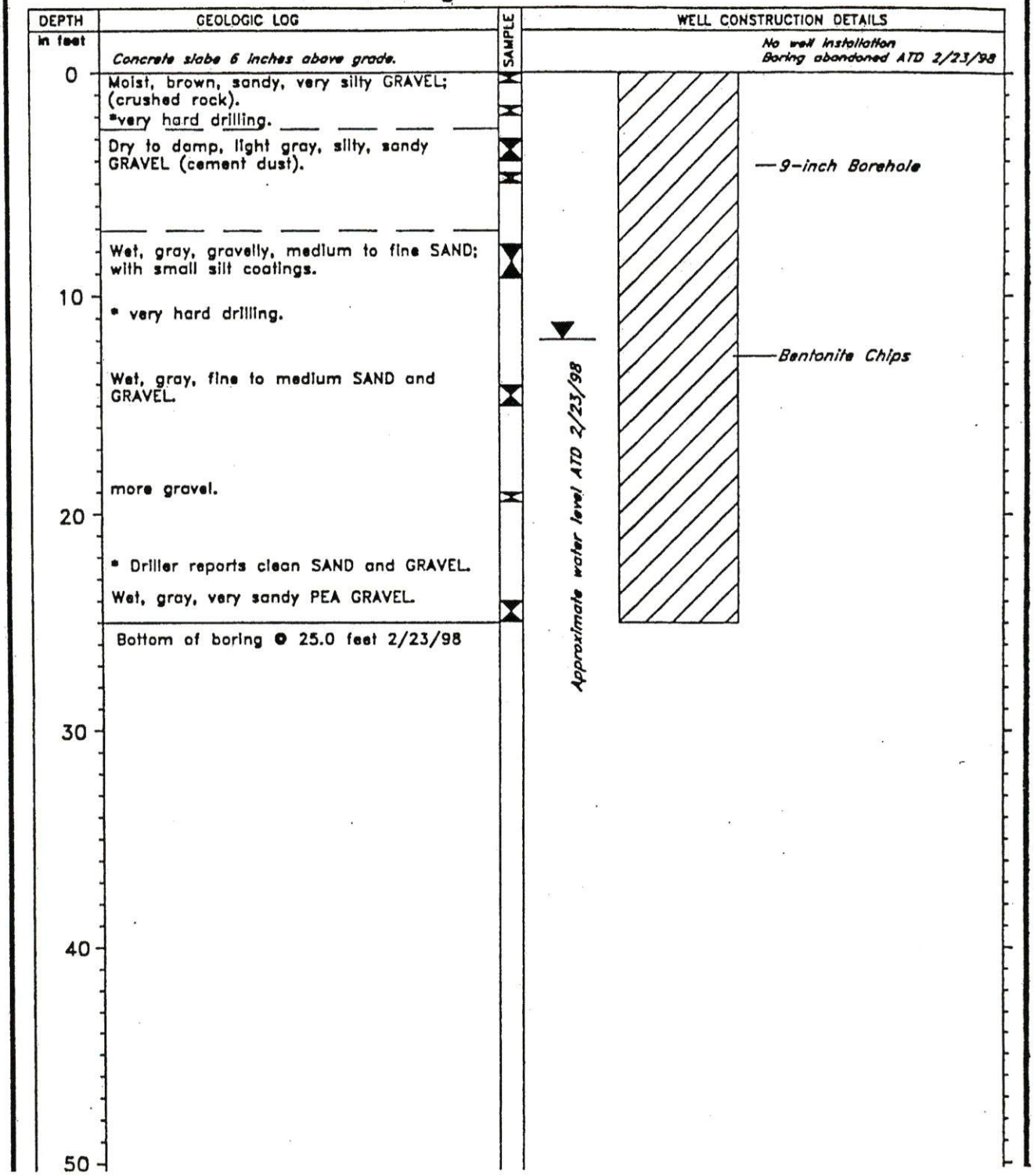
# RENTON/STONEWAY
# GEOLOGIC LOG - BORING MA-3



# RENTON/STONEWAY
# GEOLOGIC LOG - BORING MA-1



# Renton - Stoneway
# Boring A-15



# TABLE 1: GROUNDWATER WELL PCE CONCENTRATIONS

| SAMPLING DATE | MW-1 | MW-2 | MW-3 | MW-5 | MW-6 | MW-7 | MW-8 | MW-9 | MW-10 | MW-12 | MW-14 | MW-18 | MW-19 | MW-20 | MW-21 | MW-22 | MW-23 | MW-24 | MW-28S | MW-28D | MW-28R-S | MW-28R-D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/8/88 | | | <1.0 | | 4 | | | | | | <1.0 | 1 | 1 | | 3 | <1.0 | <1.0 | 2 | | | | |
| 2/17/88 | | | | | 7 | | | | | | | | | | | | | | | | | |
| 2/25/88 | | | | | 7 | | | | | | | 2 | | | | | | | | | | |
| 4/8/88 | | | | | 4 | | | | | | <1.0 | 1 | 1 | <1.0 | 3 | <1.0 | <1.0 | 2 | | | | |
| 4/27/88 | | | | | 1 | | | | | | <1.0 | <1.0 | 1 | <1.0 | 2.5 | <1.0 | <1.0 | 4 | | | | |
| 4/27/88 | | | | | <1.0 | | | | | | <1.0 | <1.0 | <1.0 | <1.0 | 3 | | <1.0 | 4 | | | | |
| 7/19/88 | | | | | 9 | | | | | | | <1.0 | 1.2 | <1.0 | 9 | 1 | <1.0 | 8 | | | | |
| 9/16/88 | | | | | 5.5 | | | | | | <1.0 | 0.8 | 1.8 | <1.0 | 5.75 | <1.0 | <1.0 | 3.9 | | | | |
| 9/26/88 | | | | | | | | | | | | | | | | | | | | | | |
| 10/7/88 | | | | | | | | | | | | | | | | | | | | | | |
| 11/22/88 | | | | | 1.9 | | | | | | | <1.0 | 1.8 | <1.0 | 2.6 | <1.0 | <1.0 | <1.0 | | | | |
| 1/19/89 | | | | | <0.8 | | | | | | | <0.8 | <0.8 | <0.8 | <0.8 | <0.8 | <0.8 | <0.8 | | | | |
| 6/9/89 | | | | | <0.7 | | | | | | | <0.7 | <0.7 | 0.9 | <0.7 | <0.7 | <0.7 | <0.7 | | | | |
| 8/22/89 | | | | | | | | | | | | | | | | | | | | | | |
| 9/25/89 | | | | | <1.0 | | | | | | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 2.3 | | | | |
| 2/26/90 | | | | | <0.5 | <0.5 | | | | | | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | | | | |
| 5/18/90 | <0.5 | | | | <0.5 | <0.5 | | | | | | | | <0.5 | | | | | | <0.5 | | |
| 6/14/90 | | | | | | | | | | | | <0.5 | <0.5 | | <0.5 | <0.5 | <0.5 | <0.5 | | | | |
| 10/12/90 | <0.5 | | | | <0.5 | <0.5 | | | | | | | | <0.5 | | | | | | <0.5 | | |
| 2/21/91 | <0.5 | | | | <0.5 | <0.5 | | | | | | | | <0.5 | | | | | | | | |
| 7/2/91 | <0.5 | | | | 1.1 | <0.5 | | | | | | | | 0.9 | | | | | | <0.5 | | |
| 11/15/91 | <0.5 | | | | <0.8 | <0.5 | | | | | | | | <0.08 | | | | | | <0.5 | | |
| 3/26/92 | | | | | | | | | | | | | | | | | | | | | | |
| 7/28/92 | <0.2 | | | | | <0.2 | | | | | | | | 0.8 | | | | | | | | |
| 7/29/92 | | | | | | | | | | | | | | | | | | | <0.2 | <0.2 | | |
| 10/1/92 | | | | | | | | | | | | | | | | | | | | | | |
| 10/6/92 | | | | | | | | | | | | | | | | | | | <0.2 | <0.2 | | |
| 10/9/92 | <0.2 | | | | | <0.2 | | | | | | | | 0.8 | | | | | | | | |
| 10/27/92 | <0.2 | | | | 0.5 | | | | | | | | | 0.8 | 0.3 | 0.2J | 0.2 | | | | | |
| 1/14/93 | <0.2 | | | | | <0.2 | | <0.2 | | | | | | 1.6 | | | | | <0.2 | <0.2 | | |
| 2/22/93 | | | | | 0.3 | | | | | | | | | 1.2 | 0.4 | | <0.2 | 0.2 | | | | |
| 2/24/93 | | | | | | | | | | | | | 0.2 | | | 0.3 | | | | | | |
| 3/3/93 | | | | | 0.4 | | | | | | | | 0.2 | 1.2 | 0.4 | 0.3 | 0.3 | | | | | |
| 3/24/93 | | | | | 0.3 | | | | | | | | 0.1J | 2 | 0.5 | <0.2 | <0.2 | 0.2 | | | | |
| 4/27/93 | | | | | | | | | | | | | | | | | | | | | | |
| 7/27/93 | | | | | 0.3 | | | | | | | | 0.2 | 2.5 | 0.4 | <0.2 | <0.2 | <0.2 | | | | |
| 8/19/93 | | | | | | | | | | | | | | | | | | | | | | |
| 12/29/93 | | | | | <0.2 | | | | | | | | <0.2 | 1.6 | <0.2 | <0.2 | <0.2 | <0.2 | | | | |
| 1/20/94 | | | | | | | | | | | | | | | | | | | | | <1 | <1 |
| 1/24/94 | <1 | | | | | | | | | | | | | | | | | | | | | |
| 3/30/94 | | | | | | | | | | | | | | | | | | | | | | |
| 6/20/94 | | | | | | | | | | | | | | 1 | | | | | | | | |
| 6/30/94 | | | | | | | | | | | | | | | | | | | | | | |
| 11/22/94 | | | | | | | | | | | | | | | | | | | | | | |
| 1/9/95 | <0.2 | | | | (Note 7) 0.6 | | | | | | | | (Note 7) | 0.20 | te 8) 0.3 | te 8) <0.2 | 0.2 | te 8) 1.7 | <0.2 | <0.2 | | |
| 6/8/95 | <0.2 | | | | 0.4 | | | | | | | | | 0.4 | 0.3 | <0.2 | <0.2 | 0.4 | | | <0.2 | <0.2 |
| 8/31/95 | | | | | | | | | | | | | | | | | | | | | | |
| 12/5/95 | | | | | | | | | | | | | (Note 3) | 0.4 | | | | | | | | |
| 1/9/96 | | | | | | | | | | | | | | | | | | | | | | |
| 6/18/96 | | | | | | | | | | | | | | | | | | | | | | |
| 6/26/96 | <0.2 | <0.2 | | | | | | | | | | <0.2 | | | | | | | | | <0.2 | <0.2 |
| 6/27/96 | | | | | | <0.2 | | | | | | <0.2 | | | 0.3 | | | | | | | |
| 6/28/96 | | | | | 0.4 | | | | | | | | | | | | | 0.4 | | | | |
| 7/16/96 | | | | | | | | | | <0.2 | | | | <0.2 | | | | | | | | |
| 10/22/96 | | | | | | | | | | | | | | | | | | | | | | |
| 2/11/97 | | | | | | | | | | | | | | 0.6 | | | | | | | | |
| 6/19/97 | | | | | | | | | | | | | | 0.93 | | | | | | | | |
| 8/7/97 | | | | | | | | | | | | | | <0.5 | | | | | | | | |
| 8/27/97 | <0.5 | | | | <0.5 | <0.5 | <0.5 | | | | | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | | | | |
| 8/28/97 | | <0.5 | | <0.5 | | | | <0.5 | | | | | | | | | | | | | <0.5 | <0.5 |
| 9/9/97 | | | | | | | | | | | | | | | | | | | | | | |
| 9/11/97 | | | | | | <0.2 | | | | | | 4.6 | 0.5 | 0.9 | | <0.2 | | | | | | |
| 9/23/97 | | | | | | | | | | | | | | 0.7 | | | | | | | | |
| 9/26/97 | | | | | | <0.2 | | | | | | 5.7 | 2.2 | 0.9 | | | | | | | | |
| 9/29/97 | | | | | | | | | | | | | | | | | | | | | | |
| 9/30/97 | | | | | | <0.2 | | | | | | 1.8 | 0.6 | 0.5 | | | | | | | | |
| 10/1/97 | | | | | | | | | | | | | | | | | | | | | | |
| 10/2/97 | | | | | | <0.2 | | | | | | 1.3 | 0.6 | 0.4 | | | | | | | | |
| 10/6/97 | | | | | | | | | | | | | | | | | | | | | | |
| 10/7/97 | | | | | | <0.2 | | | | | | 1.0 | 0.4 | 0.3 | | | | | | | | |
| 10/8/97 | | | | | | | | | | | | | | | | | | | | | | |
| 10/9/97 | | | | | | <0.2 | | | | | | 0.9 | 0.4 | 0.3 | | | | | | | | |
| 10/13/97 | | | | | | | | | | | | | | | | | | | | | | |
| 10/14/97 | | | | | | <0.2 | | | | | | 0.6 | 0.3 | 0.2 | | | | | | | | |
| 10/15/97 | | | | | | | | | | | | | | | | | | | | | | |
| 10/16/97 | | | | | | | | | | | | 0.5 | 0.3 | 0.2 | | | | | | | | |
| 10/20/97 | | | | | | | | | | | | | | | | | | | | | | |
| 10/21/97 | | | | | | | | | | | | 0.5 | 0.2 | <0.2 | | | | | | | | |
| 10/22/97 | | | | | | | | | | | | | | | | | | | | | | |
| 10/23/97 | | | | | | | | | | | | 0.4 | 0.3 | <0.2 | | | | | | | | |
| 10/28/97 | | | | | | | | | | | | 0.4 | 0.3 | <0.2 | | | | | | | | |
| 11/4/97 | | | | | | | | | | | | 0.3 | 0.3 | <0.2 | | | | | | | | |
| 11/13/97 | | | | | | | | | | | | 0.3 | <0.2 | <0.2 | | | | | | | | |
| 11/19/97 | | | | | | | | | | | | 0.2 | 0.2 | <0.2 | | | | | | | | |
| 11/25/97 | | | | | | | | | | | | | | | | | | | | | | |
| 12/2/97 | | | | | | | | | | | | 0.2 | 0.3 | <0.2 | | | | | | | | |
| 12/9/97 | | | | | | | | | | | | 0.2 | 0.3 | <0.2 | | | | | | | | |
| 12/16/97 | | | | | | | | | | | | <0.2 | 0.2 | <0.2 | | | | | | | | |
| 12/23/97 | | | | | | | | | | | | <0.2 | 0.2 | <0.2 | | | | | | | | |
| 12/30/97 | | | | | | | | | | | | <0.2 | 0.2 | <0.2 | | | | | | | | |
| 1/6/98 | | | | | | | | | | | | <0.2 | 0.3 | <0.2 | | | | | | | | |
| 1/7/98 | | | | | | | | | | | | | | | | | | | | | | |
| 1/13/98 | | | | | | | | | | | | 0.2 | 0.3 | 21) <0.2 | | | | | | | | |
| 1/20/98 | | | | | | | | | | | | 0.2 | 0.3 | <0.2 | | | | | | | | |
| 1/27/98 | | | | | | | | | | | | <0.2 | 0.2 | <0.2 | | | | | | | | |
| 2/3/98 | | | | | | | | | | | | 0.3 | 0.3 | <0.2 | | | | | | | | |
| 2/10/98 | | | | | | | | | | | | 0.2 | 0.2 | <0.2 | | | | | | | | |
| 2/17/98 | | | | | | | | | | | | 0.2 | 0.2 | <0.2 | | | | | | | | |
| 2/24/98 | | | | | | | | | | | | <0.2 | <0.2 | <0.2 | | | | | | | | |
| 3/3/98 | | | | | | | | | | | | <0.2 | <0.2 | <0.2 | | | | | | | | |
| 3/10/98 | | | | | | | | | | | | 0.2 | <0.2 | <0.2 | | | | | | | | |
| 3/17/98 | | | | | | | | | | | | 0.2 | | | | | | | | | | |
| 3/25/98 | | | | | | | | | | | | | | | | | | | | | | |
| 3/31/98 | | | <0.2 | | 0.3 | <0.2 | | | <0.2 | | | <0.2 | | | | | | 0.2 | | | | |
| 4/14/98 | | | | | | | | | | | | 0.2 | | | | | | | | | | |
| 4/28/98 | | | | | | | | | | | | 0.21 | | | | | | | | | | |
| 5/20/98 | | | | | | | | | | | | | | | | | | | | | | |
| 5/26/98 | | | | | | | | | | | | 0.2 | | | | | | | | | | |

A detailed quality assurance/quality control (QA/QC) review of laboratory data was not conducted as part of this work. However, each laboratory report includes standard QA/QC reporting by the laboratory. The laboratory reports for this project are on file with the City of Renton. Copies of those reports are on file at Pacific Groundwater Group offices.

# TABLE 1: GROUNDWATER WELL PCE CONCENTRATIONS (continued)

| SAMPLING DATE | MW-29S | MW-29D | MW-29R-S | MW-29R-D | MW-31S | MW-31D | MW-32 | MW-33 | MW-40 | MW-41 | MW-42 | PW-1 | PW-8 | RW-3 | RW-1 | RW-2 | PW-9 | EW-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/8/88 | | | | | | | | | | | | | | | | | | |
| 2/17/88 | | | | | | | | | | | | | | | | | | |
| 2/25/88 | | | | | | | | | | | | | | | | | | |
| 4/8/88 | | | | | | | | | | | | | | | | | | |
| 4/27/88 | | | | | | | | | | | | | | | | | | |
| 4/27/88 | | | | | | | | | | | | | | | | | | |
| 7/19/88 | | | | | | | | | | | | | <1.0 | | <1.0 | | | <1.0 |
| 9/16/88 | | | | | | | | | | | | | | | | | | <1.0 |
| 9/26/88 | | | | | | | | | | | | | | | | | | |
| 10/7/88 | | | | | | | | | | | | | | | | | | |
| 11/22/88 | | | | | | | | | | | | | | | | | | |
| 1/19/89 | | | | | | | | | | | | | | | | | | |
| 6/9/89 | | | | | | | | | | | | | | | | | | |
| 8/22/89 | | | | | | | | | | | | | <0.7 | | <0.7 | | <0.7 | <0.7 |
| 9/25/89 | | | | | | | | | | | | | <0.5 | | <0.5 | | <0.5 | <0.5 |
| 2/26/90 | | | | | | | | | | | | | <1.0 | | <1.0 | | <1. | <1.0 |
| 5/18/90 | | <0.5 | | | | | | | | | | | <0.5 | | <0.5 | | <0.5 | <0.5 |
| 6/14/90 | | | | | | | | | | | | | <0.5 | | <0.5 | | <0.5 | <0.5 |
| 10/12/90 | | <0.5 | | | | | | | | | | | | | | | | |
| 2/21/91 | | | | | | | | | | | | | <0.5 | | <0.5 | | <0.5 | |
| 7/2/91 | | <0.5 | | | | | | | | | | | <05 | | <0.5 | | <0.5 | <0.5 |
| 11/15/91 | | <0.5 | | | | | | | | | | | <0.5 | | <0.5 | | <0.5 | |
| 3/26/92 | | | | | | | | | | | | | <0.5 | | <0.5 | | | |
| 7/28/92 | | | | | | | | | | | | | <0.5 | | <0.5 | | <0.5 | |
| 7/29/92 | <0.2 | <0.2 | | | | | | | | | | | | | | | | |
| 10/1/92 | | | | | | | | | | | | | <0.2 | | <0.2 | | | |
| 10/6/92 | <02 | <0.2 | | | | | | | | | | | | | | | | |
| 10/9/92 | | | | | | | | | | | | | | | | | | |
| 10/27/92 | | | | | | | | | | | | | <0.2 | | | <0.2 | | |
| 1/14/93 | | | | | | | | | | | | | | | | | | |
| 2/22/93 | | | | | | | | | | | | | <0.2 | | | <0.2 | | |
| 2/24/93 | | | | | | | | | | | | | | | | | | |
| 3/3/93 | | | | | | | | | | | | | | | | | | |
| 3/24/93 | | | | | | | | | | | | | | | | | | |
| 4/27/93 | | | | | | | | | | | | | | | | | | |
| 7/27/93 | | | | | | | | | | | | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| 8/19/93 | | | | | | | | | | | | | | | | | | |
| 12/29/93 | | | | | | | | | | | | | | | | | | |
| 1/20/94 | | | | | | | | | | | | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| 1/24/94 | | <1 | <1 | | | | | | | | | | | | | | | |
| 3/30/94 | | | | | | | | | | | | | | | | | | |
| 6/20/94 | | | | | | | | | | | | | <0.2 | | <0.2 | | <0.2 | <0.2 |
| 6/30/94 | | | | | | | | | | | | | <0.2 | | | <0.2 | <0.2 | <0.2 |
| 11/22/94 | | | | | | | | | | | | | <0.2 | | | | | |
| 1/9/95 | | | | | | | | | | | | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| 6/8/95 | | | | | | | | | | | | <0.2 | | | | | | |
| 8/31/95 | | | | | | | | | | | | (Note 2) 0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 12/5/95 | | | | | | | | | | | | | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 1/9/96 | | | | | | | | | | | | <0.2 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 6/18/96 | | | | <0.2 | <0.2 | | | | | | | | | | <0.5 | <0.5 | <0.5 | |
| 6/26/96 | <0.2 | <0.2 | | | | | | | | | | | | | | | | |
| 6/27/96 | | | | | | | | | | | | | | | | <0.5 | | |
| 6/28/96 | | | | | | | | | | | | | | | | | | |
| 7/16/96 | | | | | | | | | | | | | | | | | | |
| 10/22/96 | | | | | | | | | | | | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | |
| 2/11/97 | | | | | | | | | | | | | <0.5 | | <0.5 | | <0.5 | |
| 6/19/97 | | | | | | | | | | | | <0.2 | <0.2 | | | <0.2 | <0.2 | |
| 8/7/97 | | | | | | | | | | | | (Note 4) <0.5 | 0.55 | <0.5 | | | <0.5 | |
| 8/27/97 | | | | | | | | | | | | (Note 6) <0.5 | 3.6 | (Note 5) <0.5 | | | <0.5 | |
| 8/28/97 | | <0.5 | <0.5 | <0.5 | | <0.5 | <0.5 | | | | | | 2.6 | (Note 9) <0.5 | | | <0.5 | |
| 9/9/97 | | | | | | | | | | | | | | | | | | |
| 9/11/97 | | <0.2 | <0.2 | 1.3 | <0.2 | | | | | | | | 0.6 | te 9) 0.5 | | | <0.2 | |
| 9/23/97 | | | | | | | | | | | | | | | | | | |
| 9/26/97 | | <0.2 | <0.2 | 0.8 | <0.2 | <0.2 | <0.2 | | | | | (Note 12) 0.5 | 0.9 | | 0.3 | | | (Note 11) <0.2 |
| 9/29/97 | | | | | | | | | | | | | 0.7 | 0.3 | | | <0.2 | (Note 10) <0.2 |
| 9/30/97 | | <0.2 | <0.2 | 0.8 | <0.2 | <0.2 | <0.2 | | | | | | 4.4 | | 0.4 | | <0.2 | (Note 9) <0.2 |
| 10/1/97 | | | | | | | | | | | | | | | | | | |
| 10/2/97 | | <0.2 | <0.2 | 0.7 | <0.2 | <0.2 | <0.2 | | | | | | 4.2 | | | 0.4 | <0.2 | (Note 9) <0.2 |
| 10/6/97 | | | | | | | | | | | | | | | | | | |
| 10/7/97 | | <0.2 | <0.2 | 0.8 | <0.2 | <0.2 | <0.2 | | | | | | 3.7 | | 0.3 | | <0.2 | (Note 13) <0.2 |
| 10/8/97 | | | | | | | | | | | | | | | | | | |
| 10/9/97 | | <0.2 | <0.2 | 0.8 | <0.2 | <0.2 | <0.2 | | | | | | 3.2 | | 0.2 | | <0.2 | (Note 4) <0.2 |
| 10/13/97 | | | | | | | | | | | | | | | | | | |
| 10/14/97 | | <0.2 | <0.2 | 0.8 | <0.2 | | | | | | | | 3.2 | | <0.2 | | <0.2 | (Note 14) <0.2 |
| 10/15/97 | | | | | | | | | | | | | | | | | | |
| 10/16/97 | | | | 0.8 | <0.2 | | | | | | | | 2.8 | | 0.2 | | <0.2 | (Note 15) <0.2 |
| 10/20/97 | | | | | | | | | | | | | | | | | | |
| 10/21/97 | | | | 0.8 | <0.2 | | | | | | | | 2.5 | | <0.2 | | <0.2 | (Note 14) <0.2 |
| 10/22/97 | | | | | | | | | | | | | | | | | | |
| 10/23/97 | | | | 0.8 | <0.2 | | | | | | | | 2.2 | | <0.2 | | <0.2 | (Note 4 ) <0.2 |
| 10/28/97 | | | | 0.9 | <0.2 | | | | | | | | | | | | | |
| 11/4/97 | | | | 1.3 | <0.2 | | | | | | | | 2.1 | | <0.2 | | <0.2 | (Note 16) <0.2 |
| 11/13/97 | | | | 1.8 | <0.2 | | | | | | | | 2.0 | | <0.2 | | | (Note 13) <0.2 |
| 11/19/97 | | | | 1.4 | <0.2 | | | | | | | | 1.6 | | <0.2 | | <0.2 | (Note 17) <0.2 |
| 11/25/97 | | | | | | | | | | | | | 1.5 | | <0.2 | | <0.2 | (Note 4) <0.2 |
| 12/2/97 | | | | 2.7 | <0.2 | | | | | | | | (Note 10) 1.3 | | <0.2 | | 1.00 | (Note 14) <0.2 |
| 12/9/97 | | | | (Note 19) 1.4 | <0.2 | | | | | | | | 1.7 | | <0.2 | | 0.60 | (Note 18) <0.2 |
| 12/16/97 | | | | 0.8 | <0.2 | | | | | | | | 1.8 | | <0.2 | | 0.80 | (Note 20) <0.2 |
| 12/23/97 | | | | 0.7 | <0.2 | | | | | | | | 1.6 | | <0.2 | | 1.50 | |
| 12/30/97 | | | | 0.8 | <0.2 | | | | | | | | 1.2 | | <0.2 | | 1.20 | (Note 4) <0.2 |
| 1/6/98 | | | | 1.8 | 1) <0.2 | | | | | | | | 1.1 | | <0.2 | | 1.10 | |
| 1/7/98 | | | | (Note 22) 2.7 | | | | | | | | | 1.0 | | <0.2 | | 1.10 | |
| 1/13/98 | | | | (Note 22) 3.2 | <0.2 | | | | | | | | | | | | | |
| 1/20/98 | | | | (Note 22) 2.4 | <0.2 | | | | | | | | 1.0 | | <0.2 | | 1.10 | |
| 1/27/98 | | | | (Note 23) 2.4 | <0.2 | | | | | | | | 1.1 | | <0.2 | | 1.20 | |
| 2/3/98 | | | | 1.6 | <0.2 | | | | | | | | 0.9 | | <0.2 | | 0.86 | |
| 2/10/98 | | | | 1.1 | <0.2 | | | | | | | | 0.9 | | 0.2 | | 1.10 | |
| 2/17/98 | | | | 0.7 | <0.2 | | | | | | | | 0.7 | | <0.2 | | 0.60 | |
| 2/24/98 | | | | 0.7 | <0.2 | | | | | | | | <0.2 | | <0.2 | | 0.60 | |
| 3/3/98 | | | | 0.54 | <0.2 | | | | | | | | 0.6 | | <0.2 | | 0.50 | |
| 3/10/98 | | | | 0.6 | <0.2 | | | | 54 | <0.2 | 8.1 | | 0.4 | | <0.2 | | 0.42 | |
| 3/17/98 | | | | 0.4 | | | | | | | | | 0.3 | | <0.2 | | 0.50 | |
| 3/25/98 | | | | | | | | | | | | | <0.2 | | <0.2 | | 0.40 | |
| 3/31/98 | | | | 0.6 | | | | | | | | | 0.5 | | | | | |
| 4/14/98 | | | | 0.5 | | | | | | | | | 0.5 | | <0.2 | | 0.40 | |
| 4/28/98 | | | | 0.46 | | | | | | | | | 0.4 | | <0.2 | | 0.40 | |
| 5/20/98 | | | | | | | | | 30 | | 5.4 | | 0.52 | | <0.2 | | 0.37 | |
| 5/26/98 | | | | 0.51 | | | | | | | | | 0.39 | | <0.20 | | | |

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HALINEN LAW OFFICES, P.S.

# Phase I Environmental Site Assessment
# Stoneway Concrete Site
# 1915 Maple Valley Highway
# Renton, Washington

January 13, 2000

For
Stoneway Concrete

COPY

DRAFT

January 13, 2000

Halinen Law Offices, P.S.
2115 North 30th, Suite 203
Tacoma, Washington 98403

Attention: David Halinen, P.E.

GeoEngineers is pleased to submit three copies of our report "Phase I Environmental Site Assessment, Stoneway Concrete Site, 1915 Maple Valley Highway, Renton, Washington." Our services were completed in general accordance with our proposal dated November 22, 1999 (Appendix A). Our services were authorized on December 2, 1999 by David Halinen.

We appreciate the opportunity to assist Stoneway Concrete on this project. Please contact us if you have questions regarding this report.

Yours very truly,

GeoEngineers, Inc.

Kurt R. Fraese
Principal

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services was completed in general accordance with American Society for Testing Materials (ASTM) Standard E1527-97 for Phase I ESAs. GeoEngineers' qualifications for performing Phase I ESAs are contained in our proposal included in Appendix A. Our specific scope of services for the Phase I ESA is as follows:

1. Review the project reports and correspondence provided to us by Mr. Halinen to become familiar with the environmental issues at the site.
2. Review other readily available geotechnical reports, environmental reports and/or other relevant documents pertaining to environmental conditions at the subject site.
3. Review the results of a federal, state and local environmental database search provided by a subcontracted environmental data service for listings of known or suspected environmental problems at the site or nearby properties within the search distances specified by ASTM.
4. Review regulatory agency files regarding listed sites of potential environmental concern relative to the subject site.
5. Identify a key person with specific knowledge of past and present site use and meet that person on site for an interview during the visual site reconnaissance. We also conducted additional interviews by phone. Interview others familiar with past and present uses of the site and its vicinity, as necessary.
6. Interview a representative of the local fire department, City of Renton and the Washington State Department of Ecology (Ecology), regarding the history of the subject site and surrounding properties relative to the likely presence of hazardous substances.
7. Review historical aerial photographs, fire insurance maps, city directories and tax assessor records, as available and appropriate, to identify past development history on and adjacent to the site relative to the possible use, generation, storage, release or disposal of hazardous substances. Attempt to identify uses of the site from the present to the time that records show no apparent development of the site, or to 1940, whichever is earlier.
8. Review current USGS topographic maps to identify the physiographic setting of the site.
9. Attempt to identify the source(s) of potable water for the site and current or previous heating and sewage disposal system(s) used at the site, if any.
10. Provide a statement on the local geologic, soil and ground water conditions based on our general experience and sources such as geologic maps and soil surveys.
11. Conduct a visual reconnaissance of the site and adjacent properties to identify any visible evidence of RECs.

Our scope of services did not include an environmental compliance audit, an evaluation for the presence of lead-based paint, polychlorinated biphenyls (PCBs) in light ballasts, radon, lead in drinking water, asbestos-containing building materials or urea-formaldehyde foam insulation in on-site structures. Soil, surface water or ground water sampling and chemical analysis, were not included as part of this scope of services.

## 1.2 INVOLVED PARTIES

The site currently is owned by Stoneway (Don Merlino). Stoneway is planning to vacate the site within approximately two years and redevelop the property. Rainier Asphalt Paving Company (1961 through approximately the 1970s) and Security/Renton Concrete Products, a concrete pipe manufacturing company (1960s through approximately 1986), leased the northwest and southeast portions of the site, respectively.

# 2.0 PREVIOUS STUDIES

## 2.1 GENERAL

We reviewed previous reports and correspondence regarding environmental conditions at the subject site as provided by Halinen. The most comprehensive subsurface assessment of the subject site we reviewed is entitled "Final Report, Stoneway Tetrachloroethene (PCE) Assessment, Renton, Washington," dated September 20, 1998. This study, which was completed for the City of Renton by Pacific Groundwater Group (PGG), evaluated subsurface conditions primarily related to PCE on and near the Stoneway property. We also reviewed two reports summarizing 1999 quarterly ground water monitoring events prepared by Smayda Environmental Associates, Inc. (Smayda). Smayda's ground water monitoring activities were completed on, and immediately downgradient of, the subject site. Numerous letters of correspondence between Stoneway, the City of Renton and Ecology also were provided for our review. The documents we reviewed are presented in Appendix B. Presented below is a summary of environmental conditions beneath the subject site, actions taken by Stoneway to mitigate the source of potential on-site contamination (PCE), and the regulatory status of the site, based on our review of the documents provided by Halinen.

## 2.2 SUBSURFACE CONDITIONS

The City of Renton identified elevated concentrations of PCE in a public water supply well (PW-8) located downgradient (northwest) of the subject site in 1997. Based on a subsurface study completed by PGG, PCE appeared to be migrating to PW-8 from beneath the Stoneway site. PGG's assessment was based on subsurface information obtained from the following explorations located on or immediately downgradient of the subject site:

- Two monitoring wells (MW-40 and MW-41) located on the subject site.
- Two off-site monitoring wells (MW-31 and MW-42) located downgradient (northwest) of the site.
- Numerous on-site and off-site (downgradient) ground water samples obtained from temporary sampling points using direct-push drilling equipment.
- Numerous soil and sediment samples obtained from the sediment pond and soil mixing area in the vicinity of the on-site concrete batch plant. The soil mixing area historically has been used to combine imported soil with dredged pond sediment to lower the pH of the sediment (comprised primarily of concrete waste) prior to off-site disposal.

Based on PGG's subsurface assessment, the depth of shallow ground water beneath the site ranges from approximately 12 feet below ground surface (bgs) in the southern portion of the site, to about 24 feet bgs in the northern portion of the site. Shallow ground water appears to generally flow in a northwesterly direction. Ground water analytical data indicates that PCE is present beneath the site at concentrations exceeding the MTCA Method A [5.0 micrograms per liter (µg/l)] and Method B (0.8 µg/l) cleanup levels. PCE was detected in ground water beneath the site at a maximum concentration of 54 (µg/l) in monitoring well MW-40. MW-40 is located downgradient of the sediment pond and in the immediate vicinity of the soil mixing area. The concentration of PCE detected in ground water from MW-40 appears to be steadily declining based on monitoring data obtained between March 1998 and October 1999. However, PCE appears to remain in ground water at the MW-40 location at a concentration (7.0 µg/l) greater than the MTCA Method A cleanup level based on the most recent monitoring event (October 1999). PCE also has been detected in ground water at concentrations exceeding the MTCA Method A cleanup level in monitoring well MW-42, located downgradient of the subject site. The concentration of PCE in ground water samples obtained from MW-42 during recent monitoring events has been less than the MTCA Method A cleanup level. The concentration of PCE detected in ground water samples obtained from downgradient monitoring well MW-31 did not exceed the MTCA Method A cleanup level between March 1998 and October 1999.

PGG's soil and sediment sampling program identified the presence of PCE at concentrations less than the MTCA Method A soil cleanup level [0.5 milligrams per kilogram (mg/kg)] in several samples obtained from the sediment pond and soil mixing areas. PGG concluded that the PCE-contaminated soil/sediment on the Stoneway site was/is the source for the PCE ground water contamination beneath the site.

Past site assessment activities also indicate that ground water beneath the site has an elevated pH. During past monitoring events, ground water samples obtained from MW-40 have had a pH of approximately 12. Ground water samples obtained from downgradient well MW-42 have had a pH of approximately 10 to 11. The pH of ground water in these wells exceeds Ecology's water quality standards (maximum pH of 8.5). Based on information presented in PGG's report and our historical research, it appears that the source of the elevated pH in ground water is either wastewater infiltration from concrete manufacturing activities, or buried concrete waste, which was encountered in soil beneath the site.

## 2.3 REGULATORY STATUS AND MITIGATION MEASURES

Based on the information we reviewed, it appears that Stoneway has maintained communications, and cooperated with the City of Renton and Ecology to resolve the issues related to the PCE ground water contamination beneath the site. Based on the conclusions of PGG's study, Stoneway reached an agreement with the City of Renton to mitigate specific potential sources of PCE on the site. Stoneway completed the following actions:

- Sediment was removed from the sediment pond.
- Stockpiles of imported soil used for mixing with sediment were removed from the site.
- Soil will no longer be imported to the site for mixing with sediment, except for processed

- Aggregates from approved commercial sources.
- Stoneway agreed to notify Ecology of the presence of PCE on the subject site.
- Stoneway agreed to conduct ground water monitoring for PCE during the removal of sediment and soil stockpiles from the site.

Stoneway notified Ecology of the presence of PCE in soil and ground water beneath the site on June 29, 1998. Ecology issued a Notice of Violation (NOV) to Stoneway Concrete on January 22, 1999, after reviewing the report prepared by PGG. Among other issues, Ecology's NOV states that Stoneway may have caused (1) PCE contamination in ground water at concentrations greater than 0.8 µg/l and (2) an elevated pH in ground water greater than 8.5. Ecology required that Stoneway submit a report indicating measures that will be taken to address the on-site contamination of ground water. Stoneway responded to requirements of the NOV by summarizing the mitigation actions previously completed (bullet items above). Additionally, Stoneway indicated that (1) no cracks were apparent in the sediment ponds during sediment removal, (2) other pavement surfaces in the vicinity of the batch plant will be observed for cracks, and (3) Material Safety Data Sheets (MSDSs) from the Stoneway site have been provided to the City of Renton and indicate that PCE is not used in current site operations. The subject site does not currently appear on Ecology's list of contaminated sites.

## 3.0 SITE DESCRIPTION

### 3.1 LOCATION, LEGAL DESCRIPTION AND SETTING

General site information, property use(s) and environmental setting of the site area are summarized in Table I below. Refer to Figure 1 for a vicinity map and Figure 2 for the general layout of the site in relation to surrounding properties.

**Table I**
**Site Information**

| | |
|---|---|
| **Topographic Map** | U.S. Geological Survey, 7.5 minute Renton, Washington topographic quadrangle map dated 1949, photorevised 1968 and 1973. |
| **Quarter/Quarter, Section, Township and Range** | Northwest quarter of the southeast quarter of Section 17, Township 23 North, Range 5 East, Willamette Meridian |
| **Site Address** | 1915 Maple Valley Highway, Renton, King County, Washington |
| **Site Legal Description** | The full legal description of the site is included in Appendix C. |
| **Site Approximate Area** | Approximately 13.5 acres |
| **Current Site Use** | Industrial concrete processing facility |
| **Geologic Setting** | Cedar River valley |
| **Nearest Surface Water Bodies** | Cedar River is adjacent to, and south of, the site |
| **Approximate Surface Elevation** | Approximately 30 feet above mean sea level in the southwest corner of the site and approximately 53 feet above mean sea level in the northeast corner of the site |
| **Soil and Geologic Conditions** | Based on subsurface explorations previously completed at the site, soil generally consists of gravel fill with some buried concrete waste between 2.5 and 9.5 feet bgs. This fill overlies native sand with varying amounts of silt and gravel , and gravel with varying amounts of sand and silt. |
| **Depth to Ground Water** | Within approximately 12 to 24 feet below ground surface, based on previous studies. |
| **Inferred Direction of Shallow Ground Water Flow** | To the northwest, based on previous studies. |

Our knowledge of the general physiographic setting, geology and ground water occurrence in the site vicinity is based on our review of the map listed above, previous site studies and our general experience in the area.

## 3.2 SITE RECONNAISSANCE

### 3.2.1 Summary of Observations

A representative of GeoEngineers performed a visual reconnaissance of the site on December 7, 1999. The GeoEngineers representative was accompanied by Rick Hinrichs, plant manager (identified as a "key person" with knowledge of the site), during the site reconnaissance.

Table II (below) summarizes conditions observed during our site reconnaissance. Section 3.2.2 contains additional information regarding conditions of potential environmental significance observed during our site reconnaissance. The approximate locations of the observed features discussed in this section are shown in Figure 2. Photographs of the site were taken to document observations made during our reconnaissance. Selected site photographs are presented in Figures 3a through 3c. The site was accessed from Maple Valley Highway.

**Table II**
**Summary of Site Reconnaissance Observations**

| Feature | Observed | Not Observed | Comment, Location and/or Description |
|---|---|---|---|
| Structures (existing) | X | | Seven structures were observed on the site; additionally a truck washout area and scale, three materials storage trailers, and a concrete batch plant were observed. |
| Evidence of Former Structures | | X | |
| Heating/Cooling System | X | | Electric |
| Floor Drains, Sumps or Drywells | X | | Two floor drains were observed in structures at the site: one in the vault room of the main office/supply structure (formerly used to collect condensation water from a boiler) and the other in a compressor room located adjacent to the batch plant and plumbed to the nearby sediment pond. No sumps or drywells were observed. |
| Aboveground Storage Tanks (ASTs) | X | | Ten ASTs were observed on site, ranging in capacity from approximately 375 gallons to 1,500 gallons. The AST contents range from water to oil and some contain additive chemicals used in the concrete manufacturing process. |
| Underground Storage Tanks (USTs) or Evidence of USTs | | X | |
| Drums or Other Containers | X | | Approximately 50 to 100 55-gallon drums were observed on site primarily in the hazardous materials storage portion of the warehouse building. Most of the drums were located in an area equipped with secondary containment facilities. No drains were observed in the vicinity of the drums. The drums primarily contain grease, oil, solvents, |

| Feature | Observed | Not Observed | Comment, Location and/or Description |
|---|---|---|---|
| | | | water-based products, sealants, chemical hardeners and other additives used in the concrete manufacturing process. Wash basins are located on top of two of the drums, which collect waste citris solvent that is removed from the site on a regular basis by a permitted disposal/recycling company. We observed one open 5-gallon bucket of power steering fluid in the truck maintenance building. No other small volume chemical containers were observed. We did not inventory the drums on site for this study. |
| Chemicals or Hazardous Materials (other than de minimis quantities of cleaning products) | X | | Stored in drums and ASTs described above. |
| Evidence of Leaks, Spills or Releases Surrounding ASTs, USTs, and/or Chemical Storage Areas | | X | |
| Stained Floors, Walls or Drains (other than apparent water stains or minor oil stains on pavement from parked vehicles) | X | | Localized dark stains were observed on portions of the floor in the truck shop, lube room, and tire building and on the sides of two 55-gallon drums used for oil and grease dispensing in the truck maintenance area. These stains appear related to periodic low volume drips or spills of petroleum and/or other products stored and used on site. |
| Pipes of Unknown Origin or Use | | X | |
| On-site Septic System | | X | |
| Sanitary Sewer Connection | | X | The site is connected to the METRO sewer system. We did not observe evidence of a drain field. |
| Source of Potable Water | | X | Potable water is supplied to the site by the City of Renton. A pumphouse and associated water supply well are located in the southwest portion of the site. Water from this well is used in the concrete manufacturing process; it is not used for human consumption. |
| Solid Waste Refuse Dumpsters | X | | Three dumpsters were observed on the south side of the truck shop building. |
| Hydraulic Hoists | | X | |
| Oil/Water Separators | X | | One oil/water separator, used to capture wash water from truck cleaning, is located near the northwest corner of the warehouse building. Water from the separator is drained to the on-site sediment pond. Oil, sludge and solids from the separator are removed by a commercial service for permitted off-site disposal. |
| Discolored or Stained Soil or Vegetation Potentially from Hazardous Substances | | X | |
| Hazardous Waste Disposal Areas | | X | |
| Uncontained Debris, Refuse or Unidentified Waste Materials | | X | |
| Standing Water or Other Liquids | X | | Pools of standing water from recent rain were observed over large portions of the site surface. Other standing water was observed |

| Feature | Observed | Not Observed | Comment, Location and/or Description |
|---|---|---|---|
| | | | around the truck washing area. |
| Catch Basins and Storm Water Drainage | X | | A catch basin covers the oil/water separator described above. Storm water drainage on site primarily is directed to the sediment pond through catch basins and piping. Uncontrolled surface runoff from portions of the site appears to discharge to the Cedar River. |
| Pits/Ponds/Lagoons | X | | A sediment pond is located in the southern portion of the property immediately adjacent to the Cedar River. The pond is partitioned into four sections and collects storm water and process water from the site. Particulates from the water settle in the pond prior to discharging the water to the sanitary sewer under a Metro permit authorized by the City of Renton. |
| Waste or Wastewater Discharges | X | | See pits/ponds/Lagoons section above. |
| Unusual Odors | | X | |
| Fill Material | X | | Stockpiles of aggregate material used to manufacture concrete were observed adjacent to the main office and in the western portion of the property. |
| Water Wells (agricultural, domestic, monitoring) | X | | One process (non-potable) water supply well was observed on site. Additionally, Stoneway indicated that two ground water monitoring wells from prior environmental site studies remain on site. Two water supply wells operated by the City of Renton are located approximately 500 feet northwest of the site. |
| Pad-Mounted Transformers | | X | |
| Pole-Mounted Transformers | X | | Approximately four pole-mounted transformers were observed near the batch plant. These transformers were recently installed according to Stoneway. Based on our experience, they are unlikely to contain PCBs. No evidence of transformer oil leaks/spills were observed in the vicinity of these transformers. |
| Other Conditions of Environmental Concern | X | | A kerosene burner (currently unused) was observed in the storage area on the east end of the truck shop. |

### 3.2.2 Discussion of Observations

GeoEngineers observed representative office spaces, janitorial rooms and other facilities in on-site structures. We did not observe contents within the lunchroom building and pumphouse. We also did not observe all the aggregate storage locations during our site visit. Additional details of our observations are summarized in the following bullets.

- We did not observe specific evidence of significant spills, leaks or disposal of hazardous substances on the site.
- The site structures/facilities include a supply store/main office building, a truck shop building, tire building, lube room/warehouse/chemical storage structure, welding/carpenter shop, batch plant, lunch room, pumphouse, scale and truck washout structure. Most of the

office space observed contains fluorescent lighting and carpet or tile flooring. The structures are surrounded by gravel, asphalt or concrete surfaces. No landscaping was observed on the site. The site topography slopes downward to the south toward the sediment pond (concrete lined) and the Cedar River.

- The main office and supply store contain general gardening equipment (retail sales) and Stoneway's office facilities. A vault and former boiler (heating oil burner) room are located in the center of this structure. Evidence of a heating oil tank was not observed during our site visit. A chimney and a floor drain are located near a vault room. The truck shop contains two storage rooms for machine parts, a battery room, office, engine repair room, truck maintenance area, welding area, and parts storage room (tires, nuts, bolts etc.). The tire building is used to store tires and for use of vehicle tire maintenance. An electric air compressor also was observed in the tire building. The welding/carpenter shop consists of upstairs offices over an open garage that houses welding equipment, carpenter tools and lumber. Three trailers that store miscellaneous equipment and metal supplies according to Stoneway, were observed west and adjacent to this weld/carpenter shop. A lube room/ warehouse/chemical storage room structure consisting of an exterior waste oil AST, interior waste oil burner, several drums for lube operations, a subsurface concrete service trench for truck maintenance, hazardous materials drum and AST room, warehouse and a chemical storage room is located immediately west of the site's truck scale.
- A sub-grade, concrete-lined, depression provides secondary containment of potential spills in the hazardous materials drum and AST storage area of the warehouse structure. The majority of the chemicals stored on site are located in this area. This area is slanted downward toward the middle of the room to collect spilled liquids. No drains are located in this area. No spills have been documented in this area.
- ASTs located at the batch plant location contain additive chemicals, mostly in solid form (powder), consisting of Adva (slows down and speeds up hydration process), Daravair-1000 (adds air to concrete to reduce cracking), WRDA-64 (increases slump-wetness of cement), Polar Set (cold weather concrete) and dry concrete used in mixing. Material Safety Data Sheets (MSDS) for these chemicals are included in Appendix D.
- A water expansion AST is located on the west side and adjacent to the lunchroom. We understand that this tank collects air and water to protect pipes from breaking if the pumphouse well shuts down.
- One empty flammable materials storage cabinet was observed in the engine rebuild room in the truck shop building.
- The concrete floors where maintenance activities occur (truck shop, lube room, parts storage rooms and tire building) contain minor cracks and seams. Localized dark (oil-like) stains, consistent with periodic low volume drips or spills of grease/oil, were observed around machinery and parts on portions of these concrete floors. Stains were not observed in the cracks or seams of the concrete flooring. Small quantity petroleum or other chemical product spills or releases that occur within the site structures are contained and cleaned up by the use

of absorbent pads, according to the shop manager. Used absorbent pads and dirty laundry are removed from the site by an off-site disposal/cleaning service on a regular basis.

- A cement truck washout area is located in the southern portion of the site, north of the west end of the sediment pond. We understand that only the interior of the rotating drums of the trucks are rinsed at this location. The wash water is drained from the truck drums into an aboveground holding tank, and is then directed through piping into the sediment pond. The wash water contains remnants of concrete material from the trucks. Wash water from this process was observed on the ground surface and around the truck washout area during our site visit.
- Approximately 25,000 gallons of water a day are pumped from the sediment pond into the sanitary sewer line located beneath the Maple Valley Highway. Water from the sediment pond is not intentionally discharged to locations or facilities other than the sanitary sewer, based on our interviews. The Metro permit does not require wastewater treatment, other than settling time in the sediment pond, prior to discharge into the sanitary sewer.
- The two on-site monitoring wells (MW-40 and MW-41) were constructed in early 1998 during previous environmental site studies. These wells were installed to evaluate ground water quality at the site related to the presence of PCE. We did not observe these two monitoring wells but were informed by Stoneway that they still exist on site at the approximate locations shown in Figure 2.

## 3.3 ADJACENT PROPERTY AND VICINITY OBSERVATIONS

We viewed properties located adjacent to the site on December 7, 1999 from accessible public rights-of-way. We did not enter adjacent properties or buildings. The site generally is situated in a mixed area of open space, commercial office and residential use. Table III below outlines adjacent land uses. Figure 2 shows adjacent property uses and locations in relation to the site.

**Table III**
**Adjoining Streets and Adjacent Properties Observations**

| Direction | Adjoining Street | Position Relative to Site[2] | Adjacent Property and Use | Comments |
|---|---|---|---|---|
| North | None | Cross-gradient | Cedar River Park used for recreation purposes | |
| South | None | Down- or cross-gradient | Cedar River and undeveloped property. | |
| East | Maple Valley Highway | Up-gradient | Residential, commercial office and undeveloped property. | A gravel pit was located northeast of the site, across Maple Valley Highway. |
| West | None | Down-gradient | Undeveloped property | |

[2] The inferred shallow ground water flow direction in the site vicinity is to toward the DIRECTION as described in Section 2.1.

We did not observe evidence of significant past or present use, storage, generation, disposal or release of hazardous substances on adjacent properties during our reconnaissance.

### 3.3 PREVIOUS REPORTS

Our research did not identify prior geotechnical or environmental reports pertaining to the site, with the exception of what was included in the Ecology and Halinen file reviews which are summarized in earlier and later sections of this report.

## 4.0 ENVIRONMENTAL RECORDS REVIEW

### 4.1 DATABASE SEARCH

GeoEngineers reviewed the results of a search of pertinent environmental regulatory lists and databases for current or previous facilities listed at addresses located within ASTM-specified distances from the subject site. The information reviewed was provided by a subcontracted regulatory list search service, Environmental Data Resources (EDR). The EDR report is presented in Appendix E. The report includes details regarding the listed facilities identified and maps showing the approximate locations of the listed facilities relative to the site.

GeoEngineers reviewed the search results for listings pertaining to the subject site. GeoEngineers also reviewed EDR's listing of database entries that could not be mapped by EDR because of insufficient addresses (orphans). Off-site facilities found within the specified distances from the site were evaluated for potential impact to the site.

Table IV below summarizes the listed facilities that in our opinion could pose a REC to the subject site. Other listed facilities identified in Appendix E either are located a significant distance from the site or are located in an inferred down- or cross-gradient position relative to the site and are unlikely to pose a REC to the site, in our opinion. Regulatory files were not reviewed for these other listed facilities.

**Table IV**
**Summary of Regulatory Database Search Listings**
**of Potential Environmental Concern**

| Location | Listed Business | Listed Address | Regulatory Database | Description |
|---|---|---|---|---|
| Subject Site | Stoneway Concrete Renton (aka Renton Plant) | 1915 Maple Valley Highway | Ecology's Registered UST list, RCRA list and Washington Individual Cleanup Report. | We reviewed Ecology's files for this listing as further discussed in section 4.2. |

### 4.2 REVIEW OF REGULATORY FILES

We reviewed Ecology's files for the Stoneway Concrete Renton (Renton Plant) identified in Section 3.1. Our file review was performed on December 8, 1999. Copies of selected documents

described below are included in Appendix F. A summary of pertinent information obtained from our review of file documents follows.

- A waste discharge permit was issued for the site by the Pollution Control Commission in 1961 for wastewater discharge into the Cedar River at a rate of 480,000 gallons/day. These wastes included cooling waters that once passed through the sediment pond. Discharge of these fluids was redirected to the sanitary sewer as authorized by the City of Renton around 1970. Waste constituents were comprised of tricalcium silicate and fine sand. The pH of the wastewater was apparently around 10.5 according to the documents we reviewed.
- Stoneway sent a letter to Ecology on October 8, 1970 indicating that Rainier Asphalt Company was in the process of installing a bag house for air pollution control at their plant on-site asphalt plant. The bag house was apparently installed to eliminate the need for a scrubber, thereby reducing the flow of process water to the sediment pond.
- According to certified mail, a site inspection made in October 1969 indicated that (1) two water storage tanks used for washing mobile equipment had overflowed, causing erosion and washing waste water into the Cedar River, (2) drainage from the concrete batch plant was by-passing the sediment pond and entering the Cedar River and (3) a portion of the truck washout basins were not connected to the sediment pond and wash water was entering the Cedar River.
- A document dated March 1, 1990 indicated that chemicals used in various processes on the site included petroleum solvent/Varsol 1 used in parts cleaner sinks (recycled), Concrete additives including calcium chloride and Force 10,000, Daravair R/Daravair M, Daraset, Daratard 40, WRDA-19, WRDA-79 and shredded fiberglass, Red Oxide and Lamp Black.
- A document with no date indicates that solid waste generated at the site includes residue of Portland Cement, tricalcium silicate and fine sand. This material is generated by the truck washing operations and could have a high pH. This solid waste (particulates from the wastewater) is removed from the sediment pond four times a year, then stored in an open-air area in the yard (location unknown) to remove excess water through drainage and evaporation. We understand that once this solid waste is dewatered, it is trucked off site to a permitted waste disposal location.
- A Pollution Control Commission document dated February 1966 indicates that two other settling ponds were located in the southeastern portion of the site in the mid-1960s at the approximate locations shown in Figure 2.
- Material Safety Data Sheets (MSDS included in Appendix D) for products previously or currently stored and used on site are included in the Ecology file. MSDS sheets included in Ecology's file for the site are as follows:
    - Daravair M and Daravair R : contain Sodium Hydroxide
    - Pozzutec 20: decomposition products include Nitrogen oxides, sulfur oxides, hydrogen sulfide, formaldehyde, hydrogen cyanide.
    - WRDA-79: contains formaldehyde, Triethanolamine blend

  - Daracem 55: Calcium Nitrate, Sodium Nitrate, Triethanolamine—decomposition products include Carbon oxides, ammonia, nitrous oxides, sulfur oxides
  - Calcium chloride, anhydrous: contains calcium chloride
  - WRDA –19: contains formaldehyde, calcium or sodium potassium, naphthalene sulfonate, dehyde polumer
  - Polar set: contains calcium nitrite and nitrate, diethylene glycol—decomposition products include oxygen, carbon monoxide, carbon dioxide, nitrous oxides, sulfur oxides

- File records document the water supply well located on site. The documents indicate that water from this well currently cannot be used for human consumption. The site was connected to the City of Renton water supply lines in the early 1960s.
- Two complaints were issued to Ecology in 1969 and 1970 regarding sediment in the Cedar River and an "oil slick" attributed to the site. Corrective actions were taken to discontinue sediment release to the River. The site was fined for the "oil slick."
- A Geotech Consultants report dated June 25, 1990 identified contamination from a paint overspray occurrence located west of the existing tire building. The report indicates that soil containing paint-related lead and xylenes, at concentrations greater than MTCA Method B cleanup levels, was successfully removed through remedial excavation at the overspray location. The depth of remedial excavation was approximately one foot below ground surface. Ground water was not encountered.
- A water compliance inspection report by EPA dated September 20, 1996 stated that the current sediment pond showed signs of wall leakage based on observed weeping. The pond wall was resealed in response to the inspection report's finding. In addition, sludge with high pH located in the former southeastern settling ponds was removed from the site in 1996 based on the inspection results. The inspectors also recommended installing a wheel wash for the trucks.
- Approximately 100 cubic yards of cement sludge were transported off site to the Stoneway Concrete Lake Francis Facility, as approved by the Department of Transportation (DOT), on four occasions in 1996. The source of this sludge was the former southeastern ponds on the site.
- Based on a site drainage plan drawing for Stoneway, a steam cleaner with oil/water separator were installed northwest of the warehouse. An additional drawing showed a former facility located in the immediate vicinity of the existing batch plant (see Figure 2). The site owner indicated that this may have been a former rock crusher.
- The site currently is listed as a small quantity generator. A Waste Stream Details document indicates that the site generated parts washer solvent 105 petroleum naphtha waste and other cleaning and degreasing wastes in 1997. Approximately 2,807 pounds of waste was generated in 1997, according to the file. The Waste Stream Details document details disposal practices. No waste handling and/or disposal violations were identified in this 1997 document.

- Six on-site USTs were identified in Ecology's files. Four of the USTs had capacities ranging between 1,000 and 5,000 gallons, and were installed between 1961 and 1968. The contents of these USTs were not identified. The other USTs had a capacity of 10,000 gallons each and contained diesel. The 10,000-gallon USTs were installed in 1968 (one UST) and 1978 (one UST). The six USTs identified in Ecology's files were removed from the site during 1988 and 1989. Reports or other information regarding the locations of the USTs, UST removal activities, potential releases from the UST systems, or potential soil or ground water contamination in the vicinity of the former USTs was not present in Ecology's files. The current owner of the subject site indicated during our interviews that he is not able to provide additional information pertaining to the former on-site USTs.

### 4.3 REGULATORY AGENCY INTERVIEWS

We interviewed John Drabek and Joanne Polayes, representatives of the Northwest Regional Office of Ecology, for information regarding the regulatory status of the site. Mr. Drabek and Ms. Polayes have monitored environmental conditions at the site, focussing on the ground water contamination related to pH and PCE, as summarized in Section 2.0. According to our interviews, the site owner has not requested a determination of "no further action" (NFA) for the site, or entered the Voluntary Cleanup Program.

Ms. Polayes indicated that Ecology continues to monitor the PCE concentrations in ground water, as reported in the quarterly ground water monitoring reports. According to Ms. Polayes, the subject site has not been placed on Ecology's list of contaminated sites because: (1) PCE concentrations beneath the subject site, although exceeding the MTCA Method A cleanup level, appear to be decreasing, (2) the apparent source for the PCE ground water contamination (pond sediment and soil stockpiles) has been removed from the site, and (3) PCE concentrations in the downgradient wells (off-site) have not exceeded the MTCA Method A cleanup level during the most recent monitoring events. Ms. Polayes indicated that Ecology will not likely "list" the site as long as the PCE concentrations in ground water decline to concentrations less than the applicable cleanup level in a period of time to be determined by Ecology.

Mr. Drabek indicated that Ecology will continue to monitor ground water conditions beneath the site as long as the pH of the water continues to exceed 8.5. Ecology is requiring the site owner to take actions that will result in achieving compliance with state ground water standards for pH.

## 5.0 SITE HISTORY

### 5.1 HISTORICAL RESOURCES

Our understanding of the history of the site is based on a review of the information from the historical resources listed in Table V and interviews with the individuals listed.

## Table V
## Historical Resources Reviewed

| Description | Provider or Interviewee | Dates of Coverage or Dates of Site Knowledge | Date Reviewed or Contacted | Comment |
|---|---|---|---|---|
| Historical Aerial Photo-graphs[3] | Walker & Associates in Tukwila, Washington | 1936, 1946, 1960, 1968, 1974, 1980, 1985, 1990, and 1995 | 12/07/99 | |
| Historical Fire Insurance Maps | EDR search of Sanborn maps | No Coverage | 12/03/99 | Sanborn Fire Insurance Maps did not cover the site. |
| Historical Tax Assessors Records | Washington State Archives | 1938 to 1973 | 12/14/99 | Tax records are included in Appendix G |
| Historical City Directories | EDR search at public libraries | 1950, 1956, 1961, 1966, 1970, 1975, 1980, 1985, 1990, 1999 | 12/07/99 | City directories are included in Appendix H. |
| Attorney Documents | David Halinen, Halinen Law Offices | 1998 and 1999 | 12/07/99 | Documents pertaining to ground water contamination in monitoring wells installed at the request of the City of Renton. See section (2.0) |
| ECR reports | Colleague of Mark Aniello, ECR (environmental consultant) | Approximately 5-10 years | 12/16/99 | After talking with Kate, ECR did not have reports or documents related to subsurface explorations, remedial excavations or contamination related to the site for our review. |
| Interview | Michael Merlino, Stoneway Concrete representative | 1984-Recent | 12/16/99 | Information obtained from Michael was a compilation of his recollections, supplemented by recollections attributed to his father and uncle. |
| Interview | Abdoul Gafour, City of Renton-Public Works | Overseer of site for approximately 5 years | 12/13/99 | Mr. Gafour was our contact person most knowledgeable of the site. He also supplied data regarding sewer and water utilities. |
| Interview | Chris Pope, Renton Fire Department | Approximately 5-10 years | 12/13/99 | Documents regarding USTs, ASTs, inspections and storage of hazardous materials on site have been requested but not received by GEI at the time of this report. If upon receiving the documents, there is a concern with the contents, we will notify Halinen and Stoneway by phone and supplement the Phase I ESA with an addendum. |

[3] The scale of the photographs reviewed allowed for an interpretation of general site development/configuration, such as identifying most structures, roadways and clearings. However, the scale of the photographs did not allow for identification of specific site features, such as fuel pumps, wells or chemical storage areas on the site, if any.

## 5.2 HISTORICAL OWNERSHIP AND SITE USE SUMMARY

The results of our historical review indicate that the site was first developed around 1931. Available historical sources indicate that the site was owned by Ignazio Sartori (Stoneway Dock Company) in 1939. The Stoneway Dock Company kept its name under the designated fee owner Katherine Sartori et al in 1943. At some point in time, the Stoneway Dock Co. was owned by Louie Dowell, according to Mr. Merlino. The Porto Segregation Housing Authority Project also was referenced in the tax assessment records in 1943 for the site. Katherine Sartori's ownership of the site is apparent to approximately 1953. The site facility name changed to Stoneway Sand and Gravel between approximately 1954 and 1966. Specific ownership of the site at this time is unknown. Rainier Paving Co. leased a portion of the site around 1959. The Renton/Security Concrete Products business leased a portion of the site from 1960 to approximately 1986. By 1966, the site appears to be owned by Stoneway Concrete. A five-person partnership (AnMarCo) was identified as the owners in 1985 when the site was purchased by Don Merlino. Don Merlino currently owns the site. We did not research site ownership prior to 1939.

According to Mr. Merlino, the property was used to manufacture asphalt prior to his ownership. Evidence of asphalt manufacturing facilities is apparent in the 1960 aerial photograph of the site. However, specific facilities, materials and operations associated with the asphalt plant are unknown.

The site was developed with at least three small office buildings around 1931, according to the tax records. It is apparent that two of the buildings (one two-story and one one-story) were constructed of wood. One of the original site offices was heated by a "stove." The stove was likely fueled by heating oil based on our observation of a picture in the tax records, which shows an AST adjacent to the building. The AST appears similar to those typically used for heating oil storage. Additions to two of the 1931 structures were constructed in 1953 and for the third office as late as 1968. One of the 1931 offices was labeled as Stoneway Dock Co. in the tax records we reviewed. This particular office appears to be the northern portion of the current supply store/main office structure that is present at the site today. An addition to the west side of this office was constructed in 1949. A "vault" and oil burning furnace with an associated 1,000-gallon tank (likely AST) was added to the southern portion of this structure in 1950 as identified in the tax records. It appears that this office was heated by wood prior to 1950. Two small sheds, a pump house, septic tank and bunkers (storage and locations unknown) also were associated with this office according to tax records. Specific locations of these facilities are unknown. The Cedar River appears to have flooded in the middle and southern portion of the site in the 1936 and 1946 aerial photographs we reviewed.

Four quonset hut cement storage structures (currently the on-site hazardous materials and warehouse structure) were constructed in 1946. An addition to the west side of the western-most quonset hut was constructed in 1959. One lunch room structure (currently located in the southern portion of the site) was constructed on the site in 1949 and a compressor room was added to the

west side of this structure in 1955. Details regarding the use of the compressor were not readily available to us during this study.

Two "two-story" aboveground water tanks and an associated shed were constructed on the site in 1950 and demolished in 1968. These water tanks appear to have been located near a former rock crusher, west of the batch plant structure, based on tax record information and interviews. The rock crusher appeared to be present west of the batch plant in the 1968 aerial photograph we reviewed.

The current truck shop structure was constructed in the northeast corner of the site in 1953, at the same time as the batch plant (compressor house added to the south in 1955) and aggregate storage area (possibly located southwest of the supply store/main office building). The maintenance area was added to the west end of the truck shop in 1954 (welding bay, lab and parts storage areas) and to the east in 1955 (engine room, battery room, small office and storage areas). A boiler room and possible laundry room (identified as "lau") were observed on tax record pictures located in the southeast corner of the truck maintenance area. There was no reference to an associated tank for the boiler. However, it is likely that a heating oil tank (possibly an AST based on our experience) was associated with this boiler in the past. We observed no other references to the possible laundry room or lab.

A concrete slab was identified as being constructed somewhere on the site between 1954 and 1957 based on tax records. Details of the concrete slab location or purpose were not given on the tax records we reviewed.

Three timber bunkers and associated shed were constructed on the site (location unknown) in 1954 and demolished in 1968. Details of these structures were not provided in the tax records we reviewed. Additionally, a garage and two associated wood-floored sheds were constructed on site (location unknown) in 1954. An addition to the south end of the garage was constructed in 1970. The garage was heated by a "stove," which may have used a wood or heating oil source based on our experience. Garage use and operations were not provided in the tax records or by interviews.

The water supply well and pump house are believed to have been constructed on site around 1945, based on our interview with Mr. Gafour. Tax records identify the pump house construction in 1954. We anticipate that this is the same pump house currently located in southwest corner of the site. This facility currently supplies process water to the concrete batch plant.

A "manufacturing building" was constructed on the site in 1957. Information regarding the location of the building, its heat source, or the business activities conducted in the building were not provided in the tax records. An unidentified structure was observed in the northeast portion of the site on the 1960 aerial photograph we reviewed. It is possible that this structure may be the "manufacturing building" identified in the tax records. A concrete septic tank casting building (currently the weld/carpenter/office building) was constructed on the site in April of 1957. An addition to the west end of the building was constructed in 1969. According to Mr. Merlino, this building was generally used for storing precasted concrete septic tanks and molds. Mr. Merlino indicated that very little casting was completed on the site as part of their operations. A drying

kiln was constructed on the site in 1959. We were unable to identify the kiln's location (identified as "Building 1-A" in the tax records), use or purpose at the site.

A repair garage (identified as Building "y" in tax records), associated with Rainier Asphalt Paving Co., was constructed on the site in 1960. This garage may have been located in the southwestern portion of the site based on our review of aerial photographs.

Renton Concrete Product occupied a large structure in the southeastern portion of the site in the 1960s, based on interviews. City directories indicated that Security Concrete Products also occupied this facility between 1960 and 1986. Mr. Merlino indicated that Pipe Incorporated purchased the business in 1980 and operated the business (manufacturing concrete pipe) through 1986. This consisted of using concrete from the batch plant and pouring it into molds. We were not able to determine whether either of these businesses discharged liquids or other materials to any of the sediment ponds formerly located in the southeastern portion of the site. The Pipe Incorporated building was removed from the site sometime after 1985 and before 1990, according to interviews and aerial photographs we reviewed.

An office (details unknown) was constructed on the site in 1966. We anticipate that this office may be the structure identified north of the pump house in the southwestern corner of the site, based on aerial photographs and tax records. Mr. Merlino indicated that this facility was operated by Northwest Mini Load concrete from approximately 1968 to 1985. The facility apparently had a few gravel and sand bins used for storage. No cement operations were performed at this facility, according to Mr. Merlino.

The current lube room building was constructed in 1966. At the time of construction, a "heavy duty" hoist and two air compressors were installed. According to Mr. Merlino, the hoist was located below grade in a concrete-lined service pit. Soil samples were not obtained after the hoist was removed in 1988, because evidence of a petroleum hydrocarbon release(s) was not observed in the service pit.

Three sediment ponds are apparent in the southeastern (two) and south-central (one) portions of the site in the 1968 aerial photograph we reviewed. The pond in the south-central portion of the site is present today. Another feature in the southwestern portion of the property in the 1968 aerial photograph resembles a sediment pond. Mr. Merlino indicated that he is unaware of a former pond existing in the southwestern portion of the site. The ponds in the southeastern and south-central portions of the site were used to collect water used to wash concrete from the drums of the trucks, as previously described. The southeastern ponds were used to contain the wash water when the main (south-central) pond was full. Mr. Merlino indicated that he is unaware of how the southeastern ponds were used prior to his acquisition of the property in 1985. He is unsure whether these ponds were lined or how deep they were.

The southeast pond water was pumped out and removed from the site when activities in the southeastern ponds were closed to satisfy the City of Renton in 1996. Fill material originating from other quarries operated by Stoneway, was brought in over a period of a year to fill in the ponds (filled about ¼ of pond). The ponds were not backfilled to match surrounding site grades.

Historical aggregate storage on site appears to have been mostly in the southwestern portion of the property and southwest of the supply store/main office.

The earliest records at the City of Renton indicate that the site was connected to the sanitary sewer in 1966, 1970 and 1971 and to City water in 1969, 1979 and 1983. A private water supply well was identified on the site in 1945. Potable water originates from the "Cedar River underflow aquifer" according to the City of Renton. Additionally, a Metro discharge permit was granted for the site, but specific date of issue is unknown. The sediment pond water is discharged into the sewer line in Maple Valley Highway. A note in the City's file documented that the overspray paint contamination (see Section 4.2) in the northern portion of the site did not reach ground water, and that the cleanup associated with the overspray event was completed.

### 5.3 ADJACENT PROPERTIES

Adjacent properties generally were developed between about 1936 and 1980. Residential properties were developed northeast of the site sometime between 1946 and 1960. A gravel pit was apparent east of the site on the aerial photographs dated 1946 through 1990. The properties located south of the site, across Cedar River, and west of the site, are undeveloped. The properties located north and southeastern of the subject site appear to have been developed as offices and a park/recreation area between 1946 and the present.

Based on the results of our historical research, we did not identify prior adjacent site uses that in our opinion could have posed RECs to the subject site.

### 5.4 ENVIRONMENTAL LIENS

During the course of our research, we did not find that environmental liens had been filed against the site.

## 6.0 CONCLUSIONS

GeoEngineers has performed a Phase I ESA of the Stoneway Concrete site located at 1915 Maple Valley Highway in Renton, Washington. The Phase I ESA was conducted in general accordance with the scope and limitations of ASTM E 1527-97. Based on the results of our study, we identified the following RECs on the site:

### 6.1 PETROLEUM-RELATED RECs

- The storage (including ASTs, drums, USTs, oil/water separator, and equipment) and use of petroleum products in the fueling/servicing of vehicles and equipment supporting historical site activities. Potential contaminants associated with these petroleum sources include metals, which can be associated with waste oil.
- The likely use and storage of petroleum products at the former on-site asphalt plant. Potential contaminants of concern with this facility include diesel- and heavy oil-range hydrocarbons, and semivolatile organic compounds (SVOCs).
- The likely storage (in ASTs and possible USTs) and use of fuel oil to heat some of the historical site structures.

*Note: No specific evidence of significant releases or disposal of petroleum products to soil, surface water and/or ground water at the site was identified by our study with the exception of the "oil slick" observed on the Cedar River around 1969 (see Section 4.2).*

### 6.2 PH-RELATED RECs

- The pH of ground water beneath the site exceeds Ecology's water quality standards. The elevated pH likely is related to the historic use, storage, release and disposal (fill placement) of cement-related materials and waste water at and below site grade in areas such as truck washout locations, batch plant locations, soil/sediment mixing locations, sediment drying locations and sediment ponds.

### 6.3 SOLVENT-RELATED RECs

- The storage and use of solvents [volatile organic compounds (VOCs)] on site in support of activities such as vehicle and equipment parts cleaning, possible clothes cleaning (possible former laundry facility identified north of the boiler room in the maintenance area of the truck shop) and possible laboratory work (a "lab" was located in the welding bay of the truck shop structure).
- PCE is present in soil and ground water in the western portion of the site as documented in Section 2.2. PCE was detected during prior studies at concentrations greater than the MTCA Method A cleanup level in ground water, and less than the MTCA Method A cleanup level in soil.

*Note: No specific evidence of site storage and use of PCE was identified by our study.*

Based on the results of our study it is our opinion that there is a potential for petroleum hydrocarbons, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and/or metals in soil (including fill materials), sediment and ground water at the site. Although it appears that recent site activities do not represent a significant contribution to this potential, we cannot rule out the possibility that industrial site activities, conducted prior to the adoption and enforcement of environmental regulations governing the handling and disposal of hazardous substances (beginning in the mid-1970s), have impacted portions of the property not evaluated by prior site studies. Based on our experience with similar sites, the handling and disposal of hazardous substances in the 1950s, 1960s and early 1970s often has resulted in contamination of soil, sediment and ground water on industrial sites at concentrations of regulatory significance.

Further evaluation of the potential for hazardous substances in soil, sediment and ground water at the site would require additional research and exploration, sampling and chemical analysis of these media.

## 7.0 LIMITATIONS

This Phase I ESA has been prepared for use by Stoneway Concrete and their designated representatives. This report is not intended for use by others, and the information contained herein is not applicable to other sites. If a lending agency or other parties intend to place legal reliance on the product of our services, we require that those parties indicate in writing their acknowledgement that the scope of services provided, and the general conditions under which the services were rendered including the limitation of professional liability, are understood and accepted by them. This is to provide our firm with reasonable protection against open-ended litigation by third parties with whom there would otherwise be no contractual limits to their actions.

GeoEngineers makes no warranties or guarantees regarding the accuracy or completeness of information provided or compiled by others. The information presented in this report is based on the above-described research and a single recent site visit. GeoEngineers has relied upon information provided by others in our description of historical conditions and in our review of regulatory databases and files. The available data do not provide definitive information with regard to all past uses, operations or incidents at the site or adjacent properties.

No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property. There is always a potential that areas with contamination that were not identified during this Phase I ESA exist at the site or in the study area. Further evaluation of such potential would require additional research, subsurface exploration, sampling and/or testing.

Some substances may be present in the site vicinity in quantities or under conditions that may have led, or may lead, to contamination of the subject site, but are not included in current local, state or federal regulatory definitions of hazardous substances or do not otherwise present current potential liability. GeoEngineers cannot be responsible if the standards of all appropriate inquiry or regulatory definitions of hazardous substance change, or if more stringent environmental standards are developed in the future.

GeoEngineers has performed this Phase I ESA of the Stoneway Concrete site in general accordance with the scope and limitations of our proposal, dated November 22, 1999 and ASTM E 1527-97, Standard Practice for Phase I ESAs. Within the limitations of scope, schedule and budget, our services have been executed in accordance with the generally accepted environmental science practices for Phase I ESAs in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

We appreciate the opportunity to be of service to Stoneway Concrete. Please call if you require more information or have questions regarding this report.

Respectfully submitted,

GeoEngineers, Inc.

Tina King
Environmental Geologist

Stephen C. Woodward
Senior Project Manager

Kurt R. Fraese
Principal

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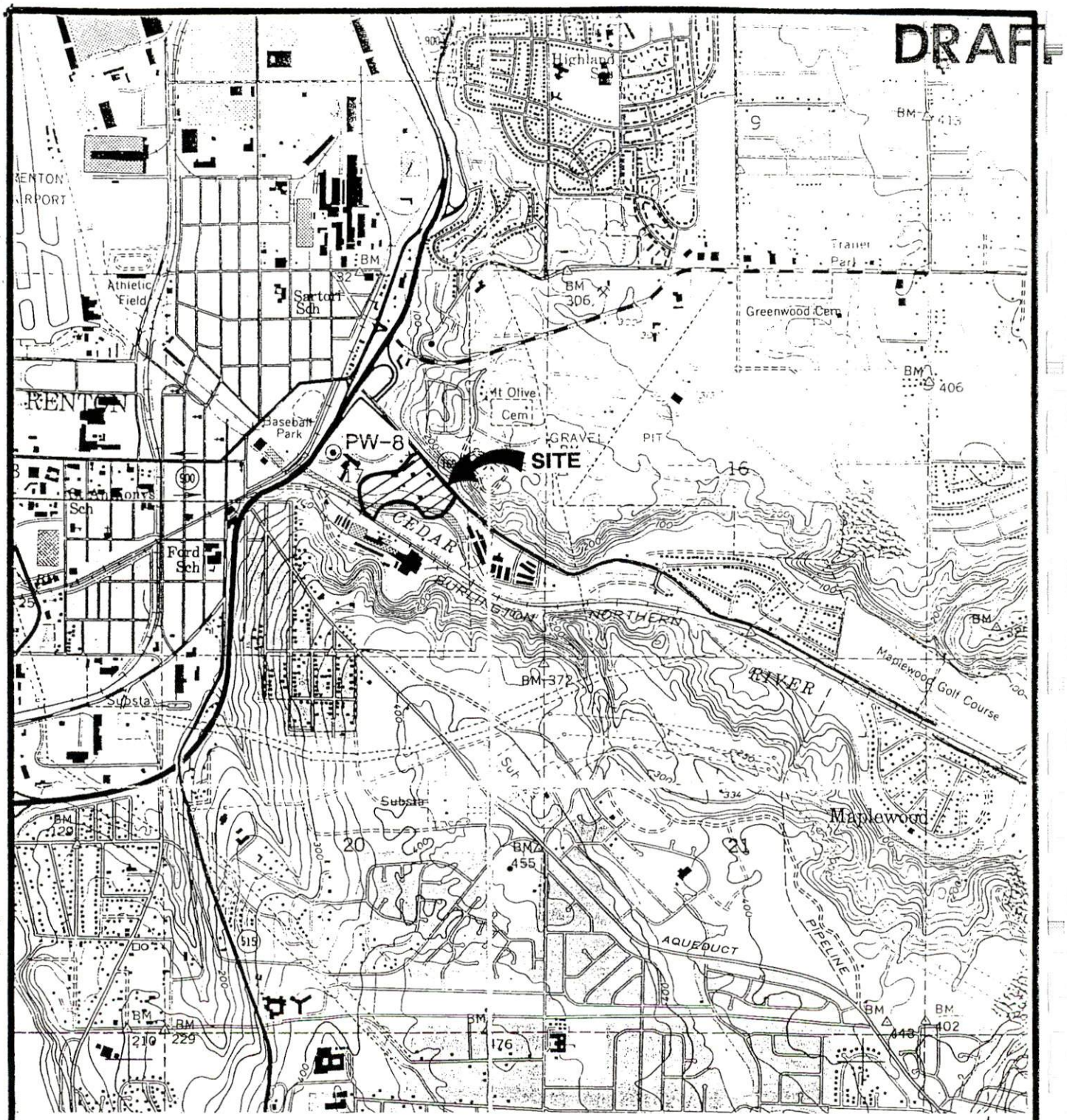


EXPLANATION:

PW-8 ⊙ CITY OF RENTON'S PRODUCTION WELL

Reference: USGS 7.5' topographic quadrangle map "Renton, Wash." photorevised 1973.

01/12/2000

2449-002-01

TMK:SYF

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VICINITY MAP

FIGURE 1

DRAFT

Cedar River Park

Residential

Undeveloped

Maple Valley Highway

Asphalt Parking

Public Accountants

Farmers Insurance Co.

Center Carco Theater

Citris Solvent Sink

Engine Rebuild Area

Battery Room

Metal and Machine Parts Storage

New Grease and Hydraulic Oil Drums

Lathe and Oil Staining

Citris Solvent Sink

Welding Bay

Office

Truck Shop

Waste Oil Burner and Blending System Drums

Approximate Location of Remedial Excavation of Paint Overspray Contamination

Approximate Location of Former Hoist

Possible Manufacturing Building (1957)

Estimated PCE Plume by Pacific Ground Water Group in 1998

Air Compressor

Former Structure (1990)

Waste Oil AST

Supply Store and Partial Former Structure (1946)

Storage Trailers

Tire Building

Lube Room With Associated Service Trench

Electric Air Compressor

Office Supply Closet (Former Heating Oil and Boiler Room)

Oil/Water Separator Compressor

Scale

Main Office

Offices

Welding and Carpenter Shop

Warehouse

Aggregate Storage

Chemical Room Storage

Large Quantity Drum and AST Storage

Aggregate Storage

Aggregate Storage

Former Rainier Asphalt Paving Co. (1960–1970's)

Mixing Area

Batch Plant

Additive Chemical AST

Dry Cement ASTs

Electric Air Compressor

Conveyor Belt

Former Strucure (1946)

Former Northwest Mini Load Concrete (1968–1985)

A–5

Possible Former Structure

A–15

MW-40

Miscellaneous Storage

Former Renton/Security Concrete Products (1960's–1986)

Former Pond (1968)

MW-41

Water Supply for Trucks

Lunch Room

Former Rock Crusher

A–16

Truck Washout

Water Expansion AST

Former Pond? (1968)

Pumphouse

Former Pond Extension (1960)

Concrete Block Storage

(1980) Former Ponds (1968)

Sediment Pond

Cedar River

Large Truck Parking

Former Pond (1968)

Undeveloped

Undeveloped

Undeveloped

Approximate Property Line

N

0 100 200

SCALE IN FEET

EXPLANATION:

MW-40 ⊕ CITY OF RENTON MONITORING WELL

AST ABOVE GROUND STORAGE TANK

FENCE

A–16 ▲ DIRECT PUSH BORING BY PACIFIC GROUND WATER GROUP

Note: The locations of all features shown are approximate.

Reference: "Existing Conditions Map" by Barghausen Consulting Engineers, Inc., dated 04/14/99.

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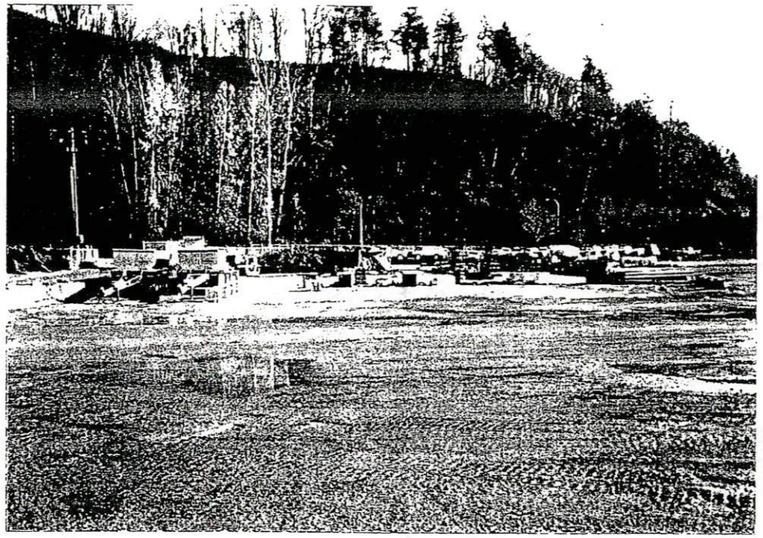
SITE AND SURROUNDING PROPERTIES

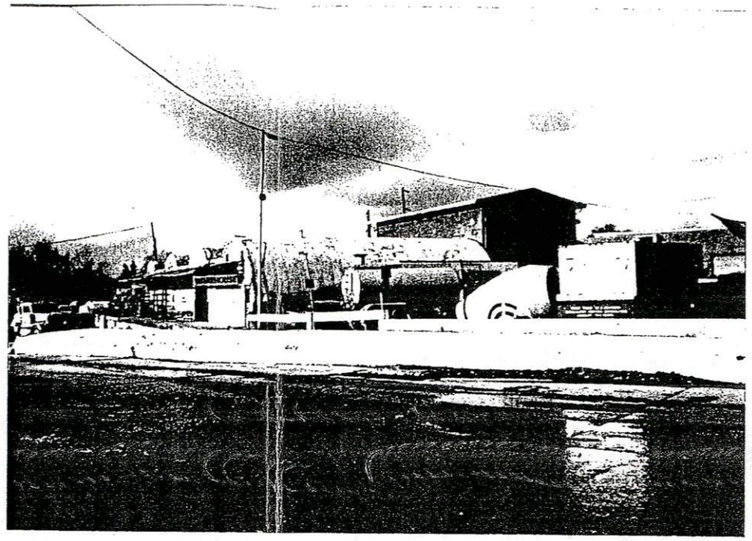
FIGURE 2

TMK:JA P:\2449002\CAD\244900201A.DWG 01/13/00

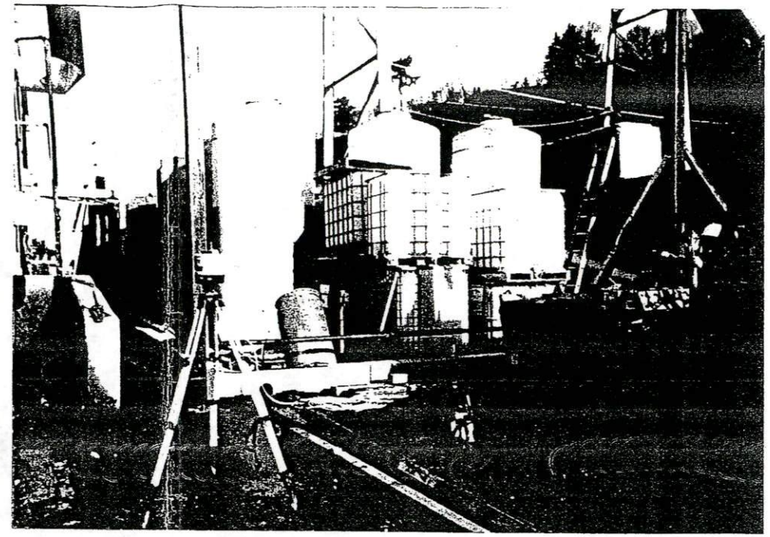
DRAFT



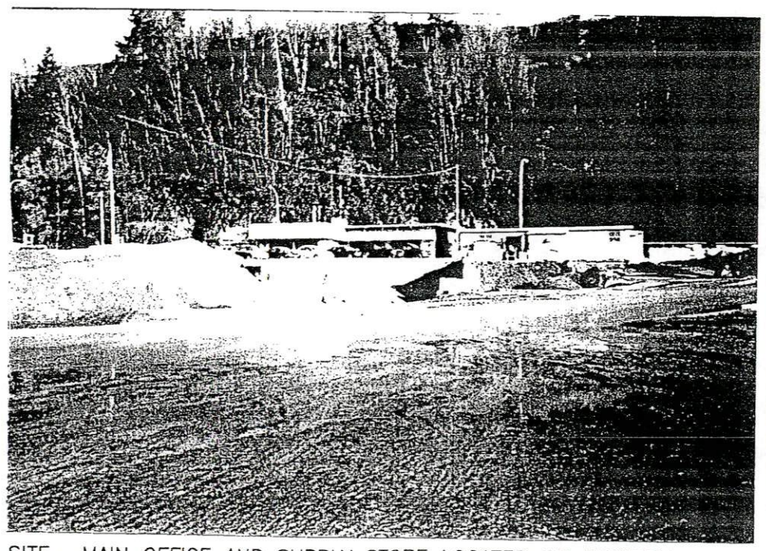
SITE– MISCELLANEOUS STORAGE AND VEHICLE PARKING IN SOUTHEAST PORTION OF SITE. LOOKING SOUTHEAST.



SITE – LUBE ROOM, WAREHOUSE AND CHEMICAL ROOM LOCATED IN NORTHERN PORTION OF SITE. LOOKING NORTHWEST.



SITE – VERTICAL TANKS CONTAINING CONCRETE ADDITIVE CHEMICALS FOR MIXING. LOOKING NORTHEAST.



SITE– MAIN OFFICE AND SUPPLY STORE LOCATED ON EASTERN PORTION OF SITE. LOOKING EAST.

SITE– SEDIMENT POND AND TRUCK WASHOUT AREA IN SOUTHERN PORTION OF SITE. LOOKING EAST.

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TMK:SYF

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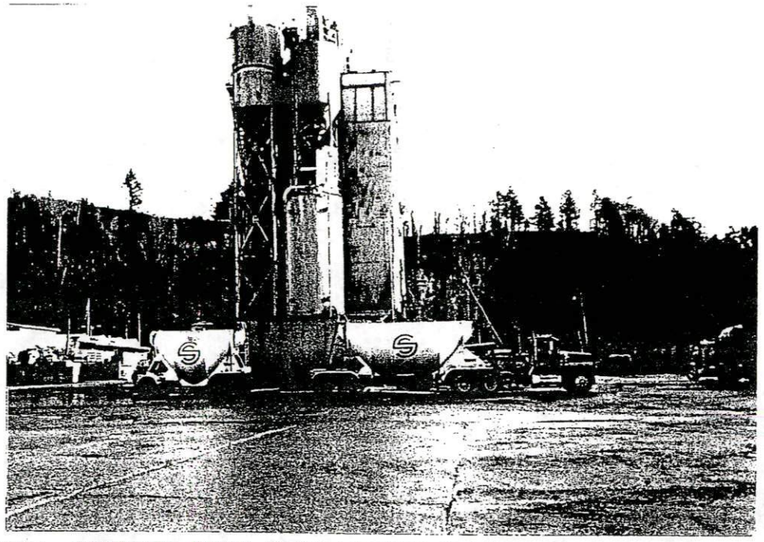
SITE PHOTOGRAPHS

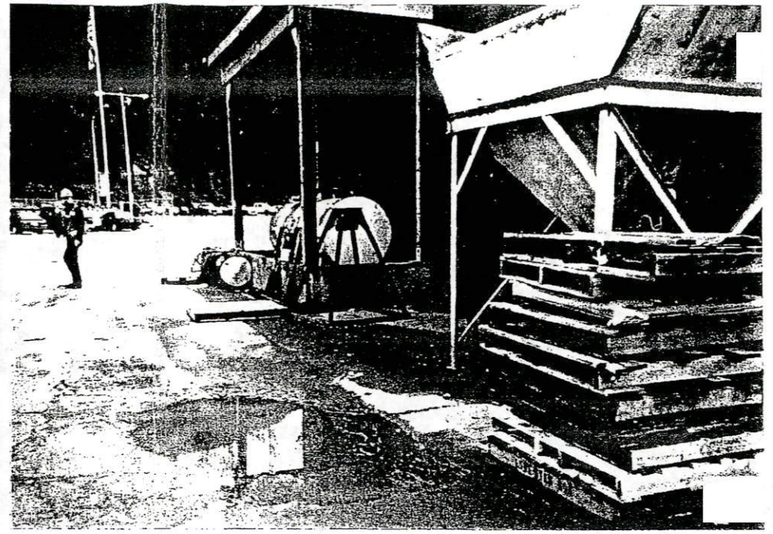
FIGURE 3B

DRAFT



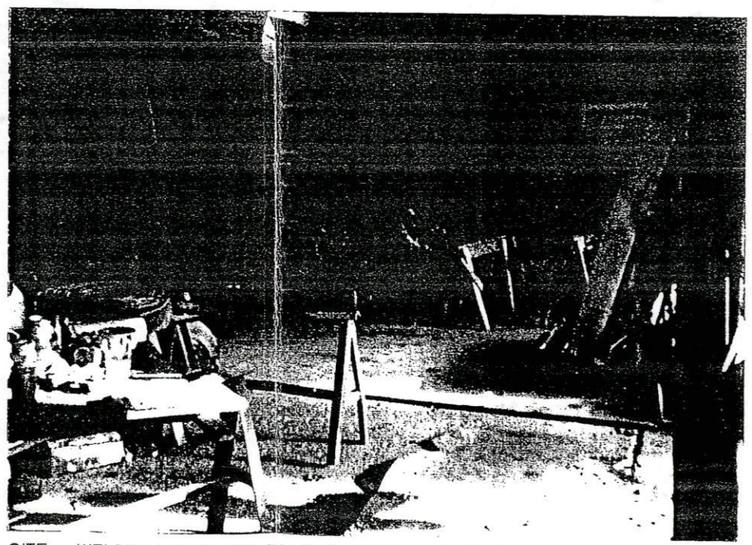
SITE– CONCRETE BATCH PLANT LOCATED IN MIDDLE OF SITE.
LOOKING EAST.

SITE– WELDING AND CARPENTER SHOP. LOOKING NORTHEAST.



SITE– WASTE OIL AST LOCATED ON NORTH SIDE OF LUBE ROOM.
LOOKING EAST.

SITE– TRUCK WASHOUT AREA. SOUTH SIDE OF SITE.
LOOKING SOUTH.



SITE– WELDING AND CARPENTER SHOP. LOOKING EAST.

12/09/99
2449-002-01
TMK:SYF

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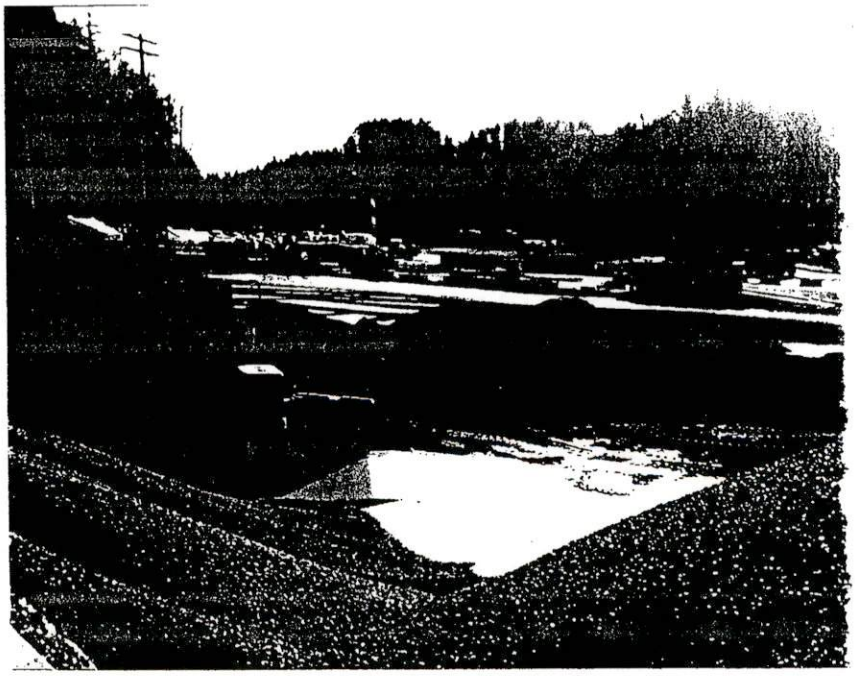
SITE PHOTOGRAPHS

FIGURE 3A

DRAFT

SITE– MAIN OFFICE AND SUPPLY STORE. LOOKING EAST.



SITE– AGGREGATE STORAGE LOCATED WEST OF MAIN OFFICE LOOKING SOUTH.

12/09/99

2449-002-01

TMK:SYF

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SITE PHOTOGRAPHS

FIGURE 3C

# APPENDIX A

# PROPOSAL

# APPENDIX B

# CORRESPONDENCE LETTERS AND REPORTS

# APPENDIX C
# LEGAL DESCRIPTION

# APPENDIX D
# MATERIAL SAFETY DATA SHEETS

# APPENDIX E
# EDR REPORT

# The EDR-Radius Map
## with GeoCheck®

Stoneway Concrete/GeoEngineers
1915 Maple Valley Highway
Renton, WA 98056

Inquiry Number: 439655.1s

December 03, 1999

Environmental Data Resources, Inc.
an edr company

*The* Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

**Nationwide Customer Service**

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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**APPENDICES**

| | |
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| GeoCheck Version 2.1 | A1 |
| Government Records Searched / Data Currency Tracking Addendum | A7 |


*Thank you for your business.*
Please contact EDR at 1-800-352-0050
with any questions or comments.


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# EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

1915 MAPLE VALLEY HIGHWAY
RENTON, WA 98056

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

| | |
|---|---|
| **Delisted NPL:** | NPL Deletions |
| **RCRIS-TSD:** | Resource Conservation and Recovery Information System |
| **CORRACTS:** | Corrective Action Report |
| **SWF/LF:** | Solid Waste Facility Database |
| **RAATS:** | RCRA Administrative Action Tracking System |
| **RCRIS-LQG:** | Resource Conservation and Recovery Information System |
| **HMIRS:** | Hazardous Materials Information Reporting System |
| **PADS:** | PCB Activity Database System |
| **ERNS:** | Emergency Response Notification System |
| **TRIS:** | Toxic Chemical Release Inventory System |
| **NPL Lien:** | NPL Liens |
| **TSCA:** | Toxic Substances Control Act |
| **MLTS:** | Material Licensing Tracking System |
| **ROD:** | ROD |
| **CONSENT:** | Superfund (CERCLA) Consent Decrees |
| **Air Emissions:** | Wa Air Emissions (EMI) |
| **Coal Gas:** | Former Manufactured gas (Coal Gas) Sites. |
| **MINES:** | Mines Master Index File |

Unmapped (orphan) sites are not considered in the foregoing analysis.

## Search Results:

Search results for the subject property and the search radius, are listed below:

## Subject Property:

The subject property was identified in the following government records. For more information on this property see page 9 of the attached EDR Radius Map report:

| Site | Database(s) | EPA ID |
|---|---|---|
| RENTON PLANT<br>1915 SE MAPLE VALLEY HWY<br>RENTON, WA 98055 | UST | N/A |
| STONEWAY CONCRETE RENTON<br>1915 SE MAPLE VALLEY HWY<br>RENTON, WA 98055 | RCRIS-SQG<br>FINDS<br>WA ICR | WAH000004093 |

# EXECUTIVE SUMMARY

## Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

**NPL:** Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/22/1999 has revealed that there is 1 NPL site within approximately 1.25 miles of the subject property.

| Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| ***PACCAR*** | ***1400 N 4TH ST*** | ***1/2 - 1 NNW*** | ***0*** | ***10*** |

**CSCSL:** The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, has revealed that there are 8 CSCSL sites within approximately 1.25 miles of the subject property.

| Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| ***PACCAR*** | ***1400 N 4TH ST*** | ***1/2 - 1 NNW*** | ***0*** | ***10*** |
| RENTON HIGHLANDS LANDFILL | NE 3RD ST / NE 4TH ST | 1/2 - 1 NE | 38 | 45 |
| PUGET POWER TALBOT HILL SUBSTA | PUGET DR SE / EDMONDS | 1 - 2 SSE | 40 | 46 |

| Lower Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| ***PERFORMANCE APEX AUTO SHOP*** | ***410 SUNSET BLVD N*** | ***1/2 - 1 N*** | ***28*** | ***34*** |
| ***RENTON SCHOOL DIST #403*** | ***235 AIRPORT WAY S*** | ***1 - 2 WNW*** | ***39*** | ***45*** |
| BOEING RENTON | 800 LOGAN AVE N | 1 - 2 NW | I41 | 48 |
| BOEING RENTON | 800 LOGAN AVE N | 1 - 2 NW | I42 | 49 |
| ***DUKE'S TRANSMISSION SERVICE*** | ***255 RAINIER NO*** | ***1 - 2 WNW*** | ***43*** | ***50*** |

**CERCLIS:** The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).
CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 08/26/1999 has revealed that there is 1 CERCLIS site within approximately 0.75 miles of the subject property.

| Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| ***PACCAR*** | ***1400 N 4TH ST*** | ***1/2 - 1 NNW*** | ***0*** | ***10*** |

# EXECUTIVE SUMMARY

**CERCLIS-NFRAP:** As of February 1995. CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 08/26/1999 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the subject property.

| Lower Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| RENTON HIGHLANDS LDFL | NE 3RD ST 500' W OF NE | 1/4 - 1/2 N | 10 | 20 |

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 11/01/1999 has revealed that there are 10 LUST sites within approximately 0.75 miles of the subject property.

| Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| *RENTON SERVICE CENTER* | *620 S GRADY WAY* | *1/2 - 1 WSW* | *33* | *37* |
| *RENTON MAINTENANCE FACILITY SI* | *2731 NORTH 4TH* | *1/2 - 1 NE* | *37* | *44* |

| Lower Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| *TEXACO STAR MART #63-232-1451* | *1408 BRONSON WAY N* | *1/4 - 1/2 NW* | *B8* | *18* |
| *CHARLEYS AUTOMOTIVE* | *207 MAIN ST* | *1/2 - 1 W* | *E19* | *25* |
| MOSCATEL PROPERTY | 233 MAIN AVE S | 1/2 - 1 W | E20 | 26 |
| *TAYLORS AUTO BODY* | *330 MAIN AVE S* | *1/2 - 1 W* | *F21* | *26* |
| *RENTON CO 070276* | *225 WILLIAMS AVE S* | *1/2 - 1 W* | *G25* | *32* |
| *PACCAR M.I.S.* | *480 HOUSER WAY* | *1/2 - 1 N* | *27* | *33* |
| *RENTON SCHOOL DISTRICT #403* | *1220 N 4TH ST* | *1/2 - 1 NNW* | *H35* | *40* |
| *ARCO 5207* | *401 PARK AVE N* | *1/2 - 1 NW* | *36* | *42* |

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 11/01/1999 has revealed that there are 6 UST sites within approximately 0.5 miles of the subject property.

| Lower Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| GULL 229 | 2904 MAPLE VALLEY HWY | 1/8 - 1/4 NNW | 3 | 13 |
| *TEXACO STAR MART #63-232-1451* | *1408 BRONSON WAY N* | *1/4 - 1/2 NW* | *B8* | *18* |
| *NORTH AMERICAN REFRACTORIES* | *1500 HOUSER WAY S* | *1/4 - 1/2 W* | *9* | *19* |
| BRYANT MOTORS | 1316 BRONSON WAY N | 1/4 - 1/2 NW | B11 | 20 |
| *BRYANT MOTORS* | *1300 BRONSON WAY N* | *1/4 - 1/2 NW* | *C12* | *20* |
| CITY OF RENTON FIRE DEPARTMENT | 211 MILL AVE S | 1/4 - 1/2 W | 17 | 24 |

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/01/1999 has revealed that there are 8 RCRIS-SQG sites within approximately 0.5 miles of the subject property.

| Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| *WA DOT RENTON HOUSE DEMOLITION* | *1201 S 3RD* | *1/4 - 1/2 W* | *13* | *22* |
| **Lower Elevation** | **Address** | **Dist / Dir** | **Map ID** | **Page** |
| *TEXACO 632321451* | *1408 BRONSON WY* | *1/4 - 1/2 NW* | *B4* | *14* |
| *NORTH AMERICAN REFRACTORIES* | *1500 HOUSER WAY S* | *1/4 - 1/2 W* | *9* | *19* |
| *BRYANT MOTORS* | *1300 BRONSON WAY N* | *1/4 - 1/2 NW* | *C12* | *20* |
| *RENTON VALU VILLAGE* | *1222 BRONSON WAY* | *1/4 - 1/2 NW* | *C14* | *23* |
| BRONSON AUTO SERVICE INC | 1023 BRONSON WAY S | 1/4 - 1/2 WNW | D15 | 23 |
| *EXPRESS TUNE* | *233 SUNSET BLVD N* | *1/4 - 1/2 NNW* | *16* | *23* |
| TONYS CLEANERS | 1057 1ST N | 1/4 - 1/2 WNW | D18 | 24 |

**ICR:** These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, has revealed that there are 12 WA ICR sites within approximately 0.75 miles of the subject property.

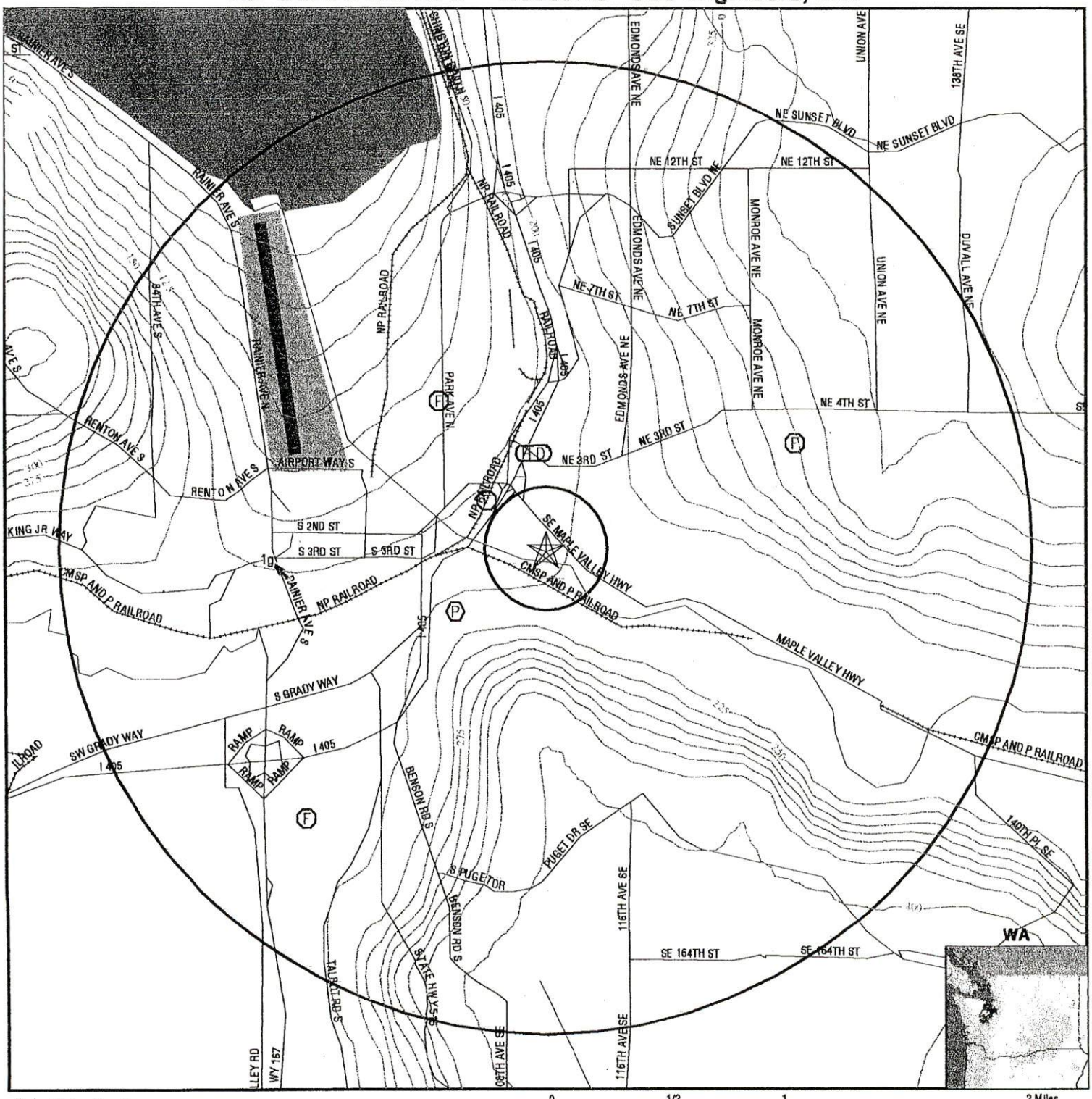
| Equal/Higher Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| WSDOT | 2740 NE 3RD ST | 1/2 - 1 NE | 34 | 40 |
| **Lower Elevation** | **Address** | **Dist / Dir** | **Map ID** | **Page** |
| TEXACO #63 232 1451 | 1408 BRONSON WAY N | 1/4 - 1/2 NW | B5 | 14 |
| TEXACO #63 232 1451 (TWO REPOR | 1408 BRONSON WAY N | 1/4 - 1/2 NW | B6 | 17 |
| TEXACO #63 232 1451 (FOUR REPO | 1408 BRONSON WAY N | 1/4 - 1/2 NW | B7 | 17 |
| TAYLOR AUTO BODY SHOP | 330 MAIN AVE S | 1/2 - 1 W | F22 | 27 |
| PACCAR (NOT PART OF SUPERFUND | 480 HOUSER WAY N | 1/2 - 1 NNW | 23 | 28 |
| ARCO #5207 | 401 PARK AVE N | 1/2 - 1 NW | 24 | 28 |
| US WEST | 225 WILLIAMS AVE S | 1/2 - 1 W | G26 | 33 |
| RENTON SCHOOL DISTRICT - TRANS | 1220 N 4TH ST | 1/2 - 1 NNW | H29 | 36 |
| RENTON SCHOOL DISTRICT - TRANS | 1220 N 4TH ST | 1/2 - 1 NNW | H30 | 36 |
| RENTON SCHOOL DISTRICT - TRANS | 1220 N 4TH ST | 1/2 - 1 NNW | H31 | 37 |
| RENTON SCHOOL DISTRICT - TRANS | 1220 N 4TH ST | 1/2 - 1 NNW | H32 | 37 |

# EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

| Site Name | Database(s) |
|---|---|
| BNRR QUENDALL LOADING RACKS FORMER | CSCSL |
| FUDS YOUNGS LAKE NIKE 32 33 | CSCSL |
| T & S AUTOMOTIVE SALES | CSCSL |
| SAFEWAY | LUST |
| TEXACO KENT | UST |
| STATE FARM | UST |
| FRAMECRAFTER | UST |
| HUMBLE OIL & REFINING COMPANY | UST |
| EQUITY ENTERPRISES/JOHN TAYLOR | UST |
| LAKE UNION AIR, INC | UST |
| RANIER CREST PUMP STATION | UST |
| OPERATIONS NORTHWEST | RCRIS-SQG, FINDS |
| KING CNTY WATER TANK 580 RESER | RCRIS-SQG, FINDS |
| US DOJ DEA RENTON POLICE DEPT | RCRIS-SQG |
| KING CNTY BRYN MAWR SYSTEM IMPROVE | RCRIS-SQG, FINDS |
| KENWORTH TRUCK CO RENTON | FINDS, RCRIS-LQG, TRIS |
| OAKSDALE BUSINESS CAMPUS | FINDS, RCRIS-LQG |
| MT. OLIVET LANDFILL | WA ICR |
| BP | WA ICR |
| RENTON MUNICIPAL AIRPORT | WA ICR |
| PUGET POWER/BOEING/PACIFIC NW GROU | WA ICR |
| CHEVRON #9 9114 (TWO REPORTS) | WA ICR |
| MIDWAY AUTO | WA ICR |
| BOEING - RENTON FACILITY - BLDGS 4 | WA ICR |
| BOEING - RENTON FACILITY - BLDG. 4 | WA ICR |
| BOEING - RENTON BLDG. 4-75 | WA ICR |
| GARDEN PLAZA/5TH & PARK BLDGS (FIV | WA ICR |
| G & M INVESTMENTS/GARDEN PLAZA | WA ICR |
| SOUND FORD RENTON | WA ICR |
| RENTON SHOPPING CENTER (EIGHT REPO | WA ICR |
| SOUND SUBARU | WA ICR |
| METRO EAST DIVISION | WA ICR |
| SEARS SERVICE CENTER OLD RENTON SH | WA ICR |
| GOODYEAR | WA ICR |

# TOPOGRAPHIC MAP - 439655.1s - Geo Engineers, Inc.




- Major Roads
- Contour Lines
- Waterways
- Airports
- Earthquake epicenter, Richter 5 or greater
- (F) Closest Federal Well in quadrant
- [S] Closest State Well in quadrant
- Closest Public Water Supply Well
- (HD) Closest Hydrogeological Data
- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location

| | | | |
|---|---|---|---|
| TARGET PROPERTY: | Stoneway Concrete/GeoEngineers | CUSTOMER: | Geo Engineers, Inc. |
| ADDRESS: | 1915 Maple Valley Highway | CONTACT: | Tina King |
| CITY/STATE/ZIP: | Renton WA 98056 | INQUIRY #: | 439655.1s |
| LAT/LONG: | 47.4804 / 122.1920 | DATE: | December 03, 1999 3:07 pm |

# GEOCHECK VERSION 2.1
# SUMMARY

## TARGET PROPERTY COORDINATES

| | |
|---|---|
| Latitude (North): | 47.480400 - 47° 28' 49.4" |
| Longitude (West): | 122.192001 - 122° 11' 31.2" |
| Universal Transverse Mercator: | Zone 10 |
| UTM X (Meters): | 560877.6 |
| UTM Y (Meters): | 5258649.0 |

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

| | |
|---|---|
| Target Property: | 2447122-D2 RENTON, WA |

## GEOLOGIC AGE IDENTIFICATION†

| | |
|---|---|
| Geologic Code: | ITa |
| Era: | Cenozoic |
| System: | Tertiary |
| Series: | Lower Tertiary andesite |

## ROCK STRATIGRAPHIC UNIT†

| | |
|---|---|
| Category: | Volcanic Rocks |

## GROUNDWATER FLOW INFORMATION

***Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡***

AQUIFLOW™** Search Radius: 2.000 Miles. The following table shows sites where groundwater flow and depth information was reported. Additional AQUIFLOW™ site information may be available in the GeoCheck® section at the end of this report.

| MAP ID | DISTANCE FROM TP | DIRECTION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|---|
| 1g | 1 - 2 Miles | West | NW |

For additional site information, refer to GeoCheck Appendix.

General Topographic Gradient at Target Property: General NW

General Hydrogeologic Gradient at Target Property: The hydrogeologic gradient for this report has been determined using the depth to water table information provided below. Where available, the closest well in each quadrant has been identified (up to a radius of 5 miles around the target property) and used in the gradient calculation. While an attempt has been made to segregate shallow from deep aquifers, this cannot always be assured. Groundwater flow in the aquifer associated with the wells appears generally to be to the West.

† Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).
‡ U.S. EPA Ground Water Handbook, Vol I: Ground Water and Contamination, Office of Research and development EPA/625/6-90/016a,Chapter 4, page 78, September 1990.
** EDR AQUIFLOW™ Information System of hydrogeologically determined groundwater flow directions at specific locations. See the date pages at the end of this report for a complete description.

# GEOCHECK VERSION 2.1
# SUMMARY

Site-Specific Hydrogeological Data*:

| | |
|---|---|
| Search Radius: | 2.0 miles |
| Location Relative to TP: | 1/4 - 1/2 Mile North |
| Site Name: | RENTON HIGHLANDS LDFL |
| Site EPA ID Number: | WAD980978001 |
| Groundwater Flow Direction: | SE TO SW |
| Inferred Depth to Water: | 30 feet |
| Hydraulic Connection: | Information is not available about the hydraulic connection between aquifer(s) underlying the site. |
| Sole Source Aquifer: | A sole source aquifer is not persent at or near the site |
| Data Quality: | Information is inferred in the CERCLIS investigation report(s) |

**FEDERAL DATABASE WELL INFORMATION**

| WELL QUADRANT | DISTANCE FROM TP | LITHOLOGY | DEPTH TO WATER TABLE |
|---|---|---|---|
| Northern | 1/2 - 1 Mile | Not Reported | 11 ft. |
| Eastern | 1 - 2 Miles | Not Reported | 57 ft. |
| Southern | 1 - 2 Miles | Not Reported | 10 ft. |
| Western | 1/4 - 1/2 Mile | Not Reported | 24 ft. |

**STATE DATABASE WELL INFORMATION**

| WELL QUADRANT | DISTANCE FROM TP |
|---|---|

NO WELLS FOUND

**PUBLIC WATER SUPPLY SYSTEM INFORMATION**

Searched by Nearest PWS.
**NOTE:** PWS System location is not always the same as well location.

| | |
|---|---|
| PWS Name: | RENTON, CITY OF<br>RENTON, WA 98056 |
| Location Relative to TP: | 1/4 - 1/2 Mile West |
| PWS currently has or has had major violation(s) or enforcement: | No |

**AREA RADON INFORMATION**

EPA Radon Zone for KING County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

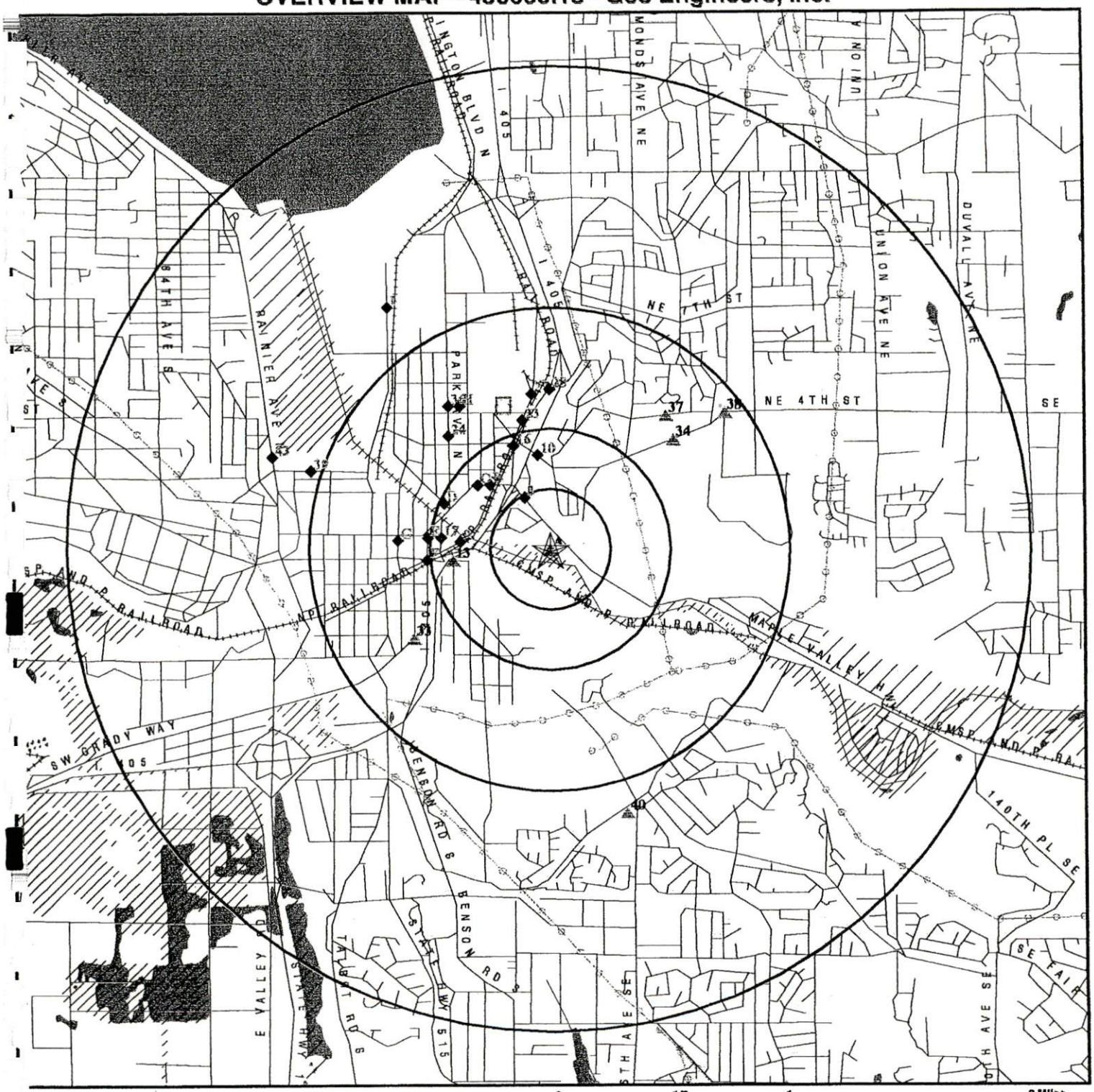
Zip Code: 98056

Number of sites tested: 2

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area - 1st Floor | 0.800 pCi/L | 100% | 0% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | 0.600 pCi/L | 100% | 0% | 0% |

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

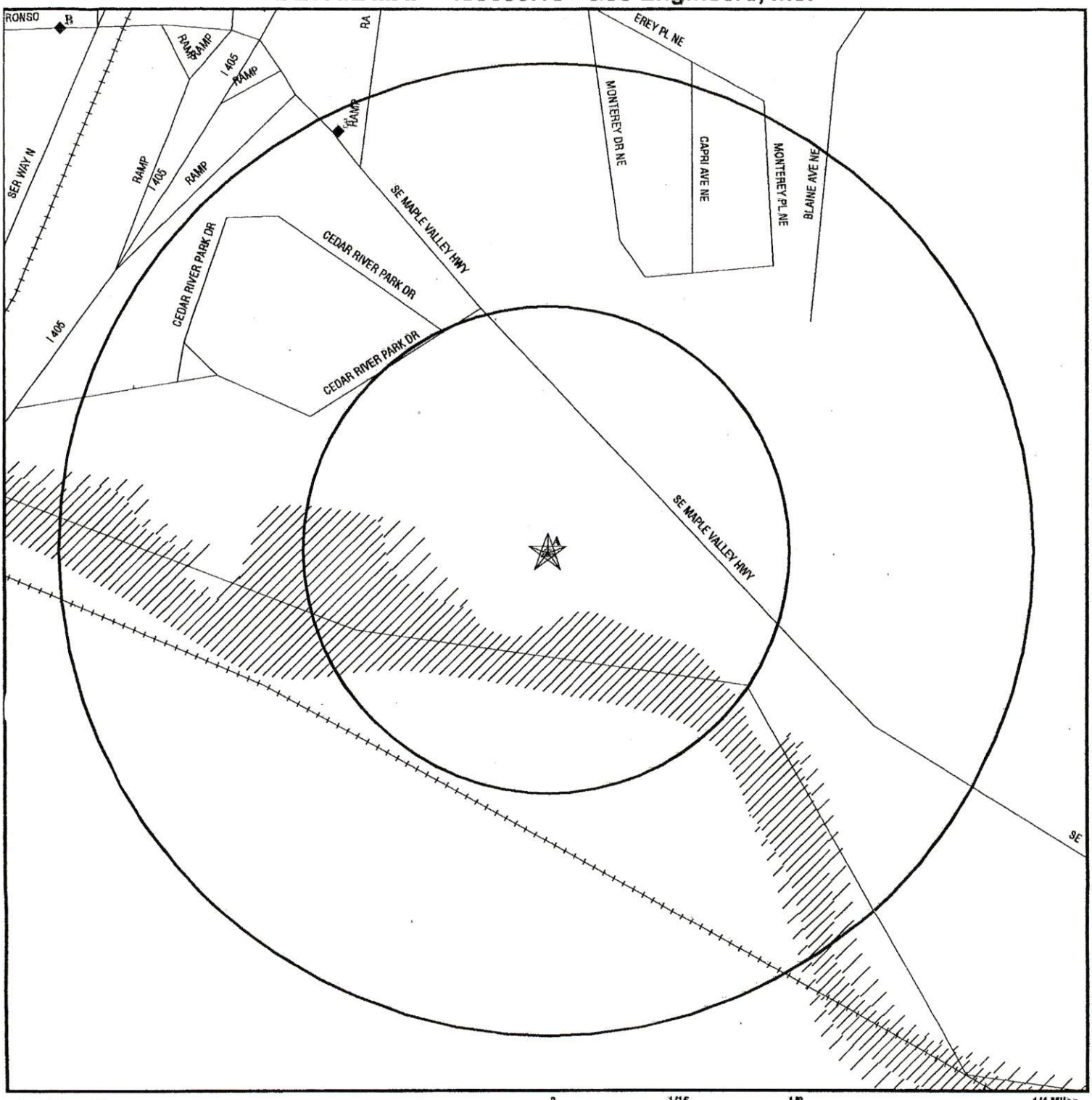
# OVERVIEW MAP - 439655.1s - Geo Engineers, Inc.




- ★ Target Property
- Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands per National Wetlands Inventory (1994)

| | | | |
|---|---|---|---|
| TARGET PROPERTY: | Stoneway Concrete/GeoEngineers | CUSTOMER: | Geo Engineers, Inc. |
| ADDRESS: | 1915 Maple Valley Highway | CONTACT: | Tina King |
| CITY/STATE/ZIP: | Renton WA 98056 | INQUIRY #: | 439655.1s |
| LAT/LONG: | 47.4804 / 122.1939 | DATE: | December 03, 1999 3:03 pm |

# DETAIL MAP - 439655.1s - Geo Engineers, Inc.




- ★ Target Property
- Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Coal Gasification Sites (if requested)
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

| | | | |
|---|---|---|---|
| TARGET PROPERTY: | Stoneway Concrete/GeoEngineers | CUSTOMER: | Geo Engineers, Inc. |
| ADDRESS: | 1915 Maple Valley Highway | CONTACT: | Tina King |
| CITY/STATE/ZIP: | Renton WA 98056 | INQUIRY #: | 439655.1s |
| LAT/LONG: | 47.4804 / 122.1920 | DATE: | December 03, 1999 3:06 pm |

# MAP FINDINGS SUMMARY SHOWING ALL SITES

| Database | Target Property | Search Distance (Miles) | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| NPL | | 1.250 | 0 | 0 | 0 | 1 | 0 | 1 |
| Delisted NPL | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCRIS-TSD | | 0.750 | 0 | 0 | 0 | 0 | NR | 0 |
| CSCSL | | 1.250 | 0 | 0 | 0 | 3 | 5 | 8 |
| CERCLIS | | 0.750 | 0 | 0 | 0 | 1 | NR | 1 |
| CERC-NFRAP | | 0.500 | 0 | 0 | 1 | NR | NR | 1 |
| CORRACTS | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| State Landfill | | 0.750 | 0 | 0 | 0 | 0 | NR | 0 |
| LUST | | 0.750 | 0 | 0 | 1 | 9 | NR | 10 |
| UST | X | 0.500 | 0 | 1 | 5 | NR | NR | 6 |
| RAATS | | TP | NR | NR | NR | NR | NR | 0 |
| RCRIS Sm. Quan. Gen. | X | 0.500 | 0 | 0 | 8 | NR | NR | 8 |
| RCRIS Lg. Quan. Gen. | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| HMIRS | | TP | NR | NR | NR | NR | NR | 0 |
| PADS | | TP | NR | NR | NR | NR | NR | 0 |
| ERNS | | TP | NR | NR | NR | NR | NR | 0 |
| FINDS | X | TP | NR | NR | NR | NR | NR | 0 |
| TRIS | | TP | NR | NR | NR | NR | NR | 0 |
| NPL Liens | | TP | NR | NR | NR | NR | NR | 0 |
| TSCA | | TP | NR | NR | NR | NR | NR | 0 |
| MLTS | | TP | NR | NR | NR | NR | NR | 0 |
| ROD | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| CONSENT | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wa Air Emissions (EMI) | | TP | NR | NR | NR | NR | NR | 0 |
| WA ICR | X | 0.750 | 0 | 0 | 3 | 9 | NR | 12 |
| Coal Gas | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINES | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

# MAP FINDINGS SUMMARY SHOWING ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP

| Database | Target Property | Search Distance (Miles) | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| NPL | | 1.250 | 0 | 0 | 0 | 1 | 0 | 1 |
| Delisted NPL | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCRIS-TSD | | 0.750 | 0 | 0 | 0 | 0 | NR | 0 |
| CSCSL | | 1.250 | 0 | 0 | 0 | 2 | 1 | 3 |
| CERCLIS | | 0.750 | 0 | 0 | 0 | 1 | NR | 1 |
| CERC-NFRAP | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| CORRACTS | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| State Landfill | | 0.750 | 0 | 0 | 0 | 0 | NR | 0 |
| LUST | | 0.750 | 0 | 0 | 0 | 2 | NR | 2 |
| UST | X | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| RAATS | | TP | NR | NR | NR | NR | NR | 0 |
| RCRIS Sm. Quan. Gen. | X | 0.500 | 0 | 0 | 1 | NR | NR | 1 |
| RCRIS Lg. Quan. Gen. | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| HMIRS | | TP | NR | NR | NR | NR | NR | 0 |
| PADS | | TP | NR | NR | NR | NR | NR | 0 |
| ERNS | | TP | NR | NR | NR | NR | NR | 0 |
| FINDS | X | TP | NR | NR | NR | NR | NR | 0 |
| TRIS | | TP | NR | NR | NR | NR | NR | 0 |
| NPL Liens | | TP | NR | NR | NR | NR | NR | 0 |
| TSCA | | TP | NR | NR | NR | NR | NR | 0 |
| MLTS | | TP | NR | NR | NR | NR | NR | 0 |
| ROD | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| CONSENT | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wa Air Emissions (EMI) | | TP | NR | NR | NR | NR | NR | 0 |
| WA ICR | X | 0.750 | 0 | 0 | 0 | 1 | NR | 1 |
| Coal Gas | | 1.250 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINES | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

**Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.**

---

**A1** **RENTON PLANT** **UST** **U003027138**
**Target** **1915 SE MAPLE VALLEY HWY** **N/A**
**Property** **RENTON, WA 98055**

UST:

| | |
|---|---|
| Facility ID: | 4795 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 5 |
| Tank Material: | Steel-Unprotected |
| Substance: | Not reported |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 4795 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 6 |
| Tank Material: | Steel-Unprotected |
| Substance: | Not reported |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 4795 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 1 |
| Tank Material: | Steel-Unprotected |
| Substance: | LEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 4795 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 2 |
| Tank Material: | Steel-Unprotected |
| Substance: | UNLEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 4795 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 3 |
| Tank Material: | Steel-Unprotected |
| Substance: | UNLEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

**RENTON PLANT (Continued)** U003027138

Facility ID: 4795
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

---

**A2 Target Property** — **STONEWAY CONCRETE RENTON**, **1915 SE MAPLE VALLEY HWY**, **RENTON, WA 98055**

**RCRIS-SQG** 1001234003
**FINDS** WAH000004093
**WA ICR**

RCRIS:
Owner: STONEWAY CONCRETE RENTON
(360) 555-1212
Contact: HAROLD GUNDERSON
(425) 226-1000
Record Date: 12/31/1997
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

WA ICR:
Date Ecology Received Report: 06/27/90
Contaminants Found at Site: Metals
Petroleum products
Non-haologenated solvents
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 90-07
County Code: 17

---

**NPL Region NNW 1/2-1 3121** — **PACCAR**, **1400 N 4TH ST**, **RENTON, WA 98055**

**CERCLIS** 1000251921
**RCRIS-SQG** WAD009249210
**FINDS**
**NPL**
**CSCSL**

CERCLIS Classification Data:
Site Incident Category: Not reported
Ownership Status: Private
Contact: BEVERLY GAINES
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Contact Tel: (206) 553-1066

CERCLIS Assessment History:

| | | | |
|---|---|---|---|
| Assessment: | DISCOVERY | Completed: | 19810605 |
| Assessment: | PRELIMINARY ASSESSMENT | Completed: | 19850424 |
| Assessment: | SITE INSPECTION | Completed: | 19860917 |
| Assessment: | HRS PACKAGE | Completed: | 19870402 |
| Assessment: | PROPOSAL TO NPL | Completed: | 19880624 |
| Assessment: | RI/FS NEGOTIATIONS | Completed: | 19881107 |

**PACCAR (Continued)** **1000251921**

| | | | |
|---|---|---|---|
| Assessment: | STATE CONSENT DECREE | Completed: | 19881107 |
| Assessment: | FINAL LISTING ON NPL | Completed: | 19900221 |
| Assessment: | REMOVAL ASSESSMENT | Completed: | 19900911 |
| Assessment: | COMBINED RI/FS | Completed: | 19910906 |
| Assessment: | RECORD OF DECISION | Completed: | 19910906 |
| Assessment: | RD/RA NEGOTIATIONS | Completed: | 19911108 |
| Assessment: | STATE CONSENT DECREE | Completed: | 19911108 |
| Assessment: | REMOVAL ASSESSMENT | Completed: | 19921202 |
| Assessment: | REMEDIAL DESIGN | Completed: | 19960805 |

CERCLIS Site Status:
Not reported

CERCLIS Alias Name(s):
PACCAR
PACIFIC CAR & FOUNDRY CO

NPL:

| | |
|---|---|
| ID: | 10WA044 |
| Date Listed: | 2/21/90 (FINAL) |
| EPA/ID: | WAD009249210 |
| Haz. Rank Score: | 42.33 |
| Status: | LISTED ON NPL |
| Rank: | 402 |
| Group: | 9 |
| Ownership: | Private |
| Permit: | Not reported |
| Site Activities: | Landfill, Comm./Indus. |
| Site Activities: | Other Manufacturing/Industrial |
| Site Condition: | Contamination of Soil |
| Site Condition: | Contam. Ground Water |
| Waste Type: | Metals |
| Waste Form: | Not reported |

| Contaminant: | Media Affected: |
|---|---|
| ARSENIC | Ground Water |
| CHROMIUM AND COMPOUNDS, NOS (CR) | Ground Water |
| LEAD (PB) | Ground Water |

| | |
|---|---|
| Distance to nearest Population: | Not reported |
| Population within a 1 Mile Radius: | Not reported |
| Population within a 2 Mile Radius: | Not reported |
| Population within a 4 Mile Radius: | Not reported |
| Vertical Distance to Aquifer: | Not reported |
| Ground Water Use: | Used as Drinking Water, Alternative Source not Available |
| Distance to nearest Surface Water: | 1,000 Feet to 1 Mile |

RCRIS:

| | |
|---|---|
| Owner: | PACCAR INC<br>(425) 468-7400 |
| Contact: | ROBERT BUTLER<br>(425) 465-7435 |
| Record Date: | 12/31/1997 |
| Classification: | Not reported |

**PACCAR (Continued)** **1000251921**

Used Oil Recyc: No

Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

| Evaluation | Area of Violation | Date of Compliance |
|---|---|---|
| Compliance Evaluation Inspection (CEI) | Generator-All Requirements | 08/28/1984 |

FINDS:

Other Pertinent Environmental Activity Identified at Site:
National Compliance Database (NCDB)

SHWS:

Facility ID: 2065
Facility Status: CONSTRUCTION COMPLETE
Rank: 0
Flag: STATE
Responsible Unit: NW
Latitude: 47 29 59
Longitude: 122 12 4
Ecology Site Status relative to the MTCA cleanup process:
Construction Completed, Operation & Maintenance Underway
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Site is either on the federal National Priorities List (NPL) or a sub-site or operable unit of an NPL site. NPL sites are ranked under the federal Hazard Ranking System (HRS)
Affected Media: Not reported
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Confirmed above MTCA cleanup levels |
| Horizontal Collection Method: | 19 |
| EPA Priority Pollutants - Metals and Cyanide: | Confirmed above MTCA cleanup levels |
| Metals - Other non-priority pollutant medals: | Confirmed above MTCA cleanup levels |
| Polychlorinated biPhenyls (PCBs): | Confirmed above MTCA cleanup levels |
| Pesticides: | Not reported |
| Petroleum Products: | Confirmed above MTCA cleanup levels |
| Phenolic Compounds: | Confirmed above MTCA cleanup levels |
| Non-Halogenated Solvents: | Confirmed above MTCA cleanup levels |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Confirmed above MTCA cleanup levels |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Confirmed above MTCA cleanup levels |

**PACCAR (Continued)** **1000251921**

Facility ID: 2065
Facility Status: Not reported
Rank: Not reported
Flag: STATE
Responsible Unit: NW
Latitude: 47 29 59
Longitude: 122 12 4
Ecology Site Status relative to the MTCA cleanup process:
Construction Completed, Operation & Maintenance Underway
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Site is either on the federal National Priorities List (NPL) or a sub-site or operable unit of an NPL site. NPL sites are ranked under the federal Hazard Ranking System (HRS)
Affected Media: Not reported
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Confirmed above MTCA cleanup levels |
| Horizontal Collection Method: | 19 |
| EPA Priority Pollutants - Metals and Cyanide: | Confirmed above MTCA cleanup levels |
| Metals - Other non-priority pollutant medals: | Not reported |
| Polychlorinated biPhenyls (PCBs): | Not reported |
| Pesticides: | Not reported |
| Petroleum Products: | Not reported |
| Phenolic Compounds: | Not reported |
| Non-Halogenated Solvents: | Not reported |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Not reported |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Not reported |

---

**3** **GULL 229** **UST** **U000592140**
**NNW** **2904 MAPLE VALLEY HWY** **N/A**
**1/8-1/4** **RENTON, WA 98058**
**1267**
**Lower**

UST:
Facility ID: 7684
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 6
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

**GULL 229 (Continued)**

U000592140

Facility ID: 7684
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 7684
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

---

**B4**
**NW**
**1/4-1/2**
**1927**
**Lower**

**TEXACO 632321451**
**1408 BRONSON WY**
**RENTON, WA 98055.**

RCRIS-SQG
FINDS

1000660716
WAD988504031

RCRIS:
Owner: TEXACO REFINING & MARKETING INC
(425) 827-0761
Contact: ROBIN LANE
(425) 827-0761
Record Date: 12/31/1997
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

---

**B5**
**NW**
**1/4-1/2**
**1927**
**Lower**

**TEXACO #63 232 1451**
**1408 BRONSON WAY N**
**RENTON, WA 98055**

WA ICR

S103504743
N/A

**TEXACO #63 232 1451 (Continued)** **S103504743**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 04/14/98 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 98-10 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 12/10/98 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 98-10 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 12/08/98 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 98-10 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 10/07/93 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-06 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 04/14/94 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-06 |
| County Code: | 17 |

**TEXACO #63 232 1451 (Continued)** **S103504743**

| | |
|---|---|
| Date Ecology Received Report: | 05/25/94 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-06 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 08/10/94 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-06 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 02/09/95 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-06 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 08/14/95 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-06 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 02/23/96 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-25 |
| County Code: | 17 |

**TEXACO #63 232 1451 (Continued)** **S103504743**

| | |
|---|---|
| Date Ecology Received Report: | 05/08/96 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-26 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 01/17/97 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-45 |
| County Code: | 17 |

---

**B6**
**NW**
**1/4-1/2**
**1927**
**Lower**

**TEXACO #63 232 1451 (TWO REPORTS)**
**1408 BRONSON WAY N**
**RENTON, WA 98055**

WA ICR **S103503245**
**N/A**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | / / |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 95-12 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 02/08/95 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-06 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 10/16/95 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-13 |
| County Code: | 17 |

---

**B7**
**NW**
**1/4-1/2**
**1927**
**Lower**

**TEXACO #63 232 1451 (FOUR REPORTS)**
**1408 BRONSON WAY N**
**RENTON, WA 98055**

WA ICR **S103509961**
**N/A**

**TEXACO #63 232 1451 (FOUR REPORTS) (Continued)** **S103509961**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 03/30/94 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-06 |
| County Code: | 17 |

---

**B8** **TEXACO STAR MART #63-232-1451** **UST** **U003027023**
**NW** **1408 BRONSON WAY N** **LUST** **N/A**
**1/4-1/2** **RENTON, WA 98055**
**1927**
**Lower**

LUST:

| | | | |
|---|---|---|---|
| Facility ID: | 4490 | Ecology Region: | North Western |
| Release ID: | 309700 | Release Date: | 11/5/1993 |
| Release Status: | MONITORING | Status Date: | 8/29/1995 |
| Alternate Name: | TEXACO STATION # 63 232 1451 | | |
| Affected Media: | GROUND WATER | | |

| | | | |
|---|---|---|---|
| Facility ID: | 4490 | Ecology Region: | North Western |
| Release ID: | 309700 | Release Date: | 11/5/1993 |
| Release Status: | CLEANUP STARTED | Status Date: | 11/5/1993 |
| Alternate Name: | TEXACO STATION # 63 232 1451 | | |
| Affected Media: | GROUND WATER | | |

UST:

| | |
|---|---|
| Facility ID: | 4490 |
| Install Date: | 1/10/1985 |
| Capacity: | 10,000 TO 19,999 GALLONS |
| Status: | Operational |
| Tank Name: | 1-12000 |
| Tank Material: | Fiberglass Reinforced Plastic |
| Substance: | LEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 4490 |
| Install Date: | 1/1/1985 |
| Capacity: | 10,000 TO 19,999 GALLONS |
| Status: | OPERATIONAL |
| Tank Name: | 4-10,000 |
| Tank Material: | FIBERGLASS REINFORCED PLASTIC |
| Substance: | LEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

**TEXACO STAR MART #63-232-1451 (Continued)** **U003027023**

Facility ID: 4490
Install Date: 1/1/1985
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: 2-10,000
Tank Material: FIBERGLASS REINFORCED PLASTIC
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4490
Install Date: 1/10/1985
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: 3-10,000
Tank Material: FIBERGLASS REINFORCED PLASTIC
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

---

**9**
**West**
**1/4-1/2**
**1984**
**Lower**

**NORTH AMERICAN REFRACTORIES**
**1500 HOUSER WAY S**
**RENTON, WA 98055**

**RCRIS-SQG** **1000404842**
**FINDS** **WAD009251075**
**UST**

RCRIS:
Owner: NORTH AMERICAN REFRACTORIES
(360) 555-1212
Contact: KIM NELSON
(814) 236-3890
Record Date: 12/31/1993
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

UST:
Facility ID: 2430
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: TWO
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

**NORTH AMERICAN REFRACTORIES (Continued)** **1000404842**

Facility ID: 2430
Install Date: 12/31/1964
Capacity: Not reported
Status: REMOVED
Tank Name: ONE
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

---

**10**
**North**
**1/4-1/2**
**2085**
**Lower**

**RENTON HIGHLANDS LDFL**
**NE 3RD ST 500' W OF NE 4TH ST**
**RENTON, WA 98053**

**CERC-NFRAP** **1000811195**
**WAD980978001**

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Ownership Status: Other
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:
Assessment: DISCOVERY — Completed: 19850205
Assessment: PRELIMINARY ASSESSMENT — Completed: 19861231
Assessment: SITE INSPECTION — Completed: 19871125

---

**B11**
**NW**
**1/4-1/2**
**2088**
**Lower**

**BRYANT MOTORS**
**1316 BRONSON WAY N**
**RENTON, WA 98055**

**UST** **U001127533**
**N/A**

UST:
Facility ID: 97541
Install Date: 12/31/1964
Capacity: Not reported
Status: Closed in Place
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 97541
Install Date: 12/31/1964
Capacity: Not reported
Status: Closed in Place
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

---

**C12**
**NW**
**1/4-1/2**
**2122**
**Lower**

**BRYANT MOTORS**
**1300 BRONSON WAY N**
**RENTON, WA 98055**

**RCRIS-SQG** **1000696842**
**FINDS** **WAD988504650**
**UST**

**BRYANT MOTORS (Continued)** **1000696842**

RCRIS:
Owner: BRYANT MOTORS INC
(425) 255-3478
Contact: WILLIAM BRYANT
(425) 255-3478
Record Date: 12/31/1997
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

UST:
Facility ID: 12553
Install Date: 12/31/1964
Capacity: Not reported
Status: Closed in Place
Tank Name: 7
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 12553
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 12553
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 12553
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

**BRYANT MOTORS (Continued)** **1000696842**

Facility ID: 12553
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 12553
Install Date: 12/31/1964
Capacity: Not reported
Status: Closed in Place
Tank Name: 8
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 12553
Install Date: 12/31/1964
Capacity: 111 to 1,100 Gallons
Status: Closed in Place
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: KEROSENE
Compartment #: 1
Ecology Region: North Western

Facility ID: 12553
Install Date: 12/31/1964
Capacity: 111 to 1,100 Gallons
Status: Closed in Place
Tank Name: 6
Tank Material: Steel-Unprotected
Substance: KEROSENE
Compartment #: 1
Ecology Region: North Western

---

**13**
**West**
**1/4-1/2**
**2149**
**Same**

**WA DOT RENTON HOUSE DEMOLITION**
**1201 S 3RD**
**RENTON, WA 98055**

**RCRIS-SQG** **1000393637**
**FINDS** **WAD988473609**

**WA DOT RENTON HOUSE DEMOLITION (Continued)** **1000393637**

RCRIS:
Owner: WA DOT
(360) 555-1212
Contact: JOSEPH ROYBAL
(206) 768-5740
Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

---

**C14**
**NW**
**1/4-1/2**
**2211**
**Lower**

**RENTON VALU VILLAGE**
**1222 BRONSON WAY**
**RENTON, WA 98055**

**RCRIS-SQG** **1000199724**
**FINDS** **WAD988468641**

RCRIS:
Owner: MANCHESTER LABORATORY
(360) 555-1212
Contact: DICK STOREY
(360) 867-7116
Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

---

**D15**
**WNW**
**1/4-1/2**
**2344**
**Lower**

**BRONSON AUTO SERVICE INC**
**1023 BRONSON WAY S**
**RENTON, WA 98055**

**RCRIS-SQG** **1001491370**
**WA0000100214**

RCRIS:
Owner: EDWARD GAGNE
(425) 226-9180
Contact: EDWARD GAGNE
(425) 226-9180
Record Date: 02/13/1997
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

---

**16**
**NNW**
**1/4-1/2**
**2407**
**Lower**

**EXPRESS TUNE**
**233 SUNSET BLVD N**
**RENTON, WA 98055**

**RCRIS-SQG** **1000838573**
**FINDS** **WAD988513602**

**EXPRESS TUNE (Continued)** 1000838573

RCRIS:
Owner: EXPRESS TUNE
(425) 271-5757
Contact: MASOUD NASAB
(206) 271-5757
Record Date: 12/31/1996
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

---

**17**
**West**
**1/4-1/2**
**2414**
**Lower**

**CITY OF RENTON FIRE DEPARTMENT**
**211 MILL AVE S**
**RENTON, WA 98055**

**UST** **U000589591**
**N/A**

UST:
Facility ID: 4788
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 4788
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

---

**D18**
**WNW**
**1/4-1/2**
**2537**
**Lower**

**TONYS CLEANERS**
**1057 1ST N**
**RENTON, WA 98055**

**RCRIS-SQG** **1001490438**
**WAD981773575**

**TONYS CLEANERS (Continued)** **1001490438**

RCRIS:
Owner: YOUNG SEON BANG
(425) 255-4971
Contact: YOUNG SEON BANG
(425) 255-4971
Record Date: 03/06/1996
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

---

**E19 West 1/2-1 2696 Lower** **CHARLEYS AUTOMOTIVE** **UST U001123927**
**207 MAIN ST** **LUST N/A**
**RENTON, WA 98055**

LUST:

| | | | |
|---|---|---|---|
| Facility ID: | 5182 | Ecology Region: | North Western |
| Release ID: | 2843 | Release Date: | 8/29/1990 |
| Release Status: | REPORTED CLEANED UP | Status Date: | 6/1/1995 |
| Alternate Name: | R P CHARLEY AUTOMOTIVE | | |
| Affected Media: | SOIL | | |

| | | | |
|---|---|---|---|
| Facility ID: | 5182 | Ecology Region: | North Western |
| Release ID: | 2843 | Release Date: | 8/29/1990 |
| Release Status: | CLEANUP STARTED | Status Date: | 8/29/1990 |
| Alternate Name: | R P CHARLEY AUTOMOTIVE | | |
| Affected Media: | SOIL | | |

UST:

| | |
|---|---|
| Facility ID: | 5182 |
| Install Date: | 12/31/1964 |
| Capacity: | 10,000 TO 19,999 GALLONS |
| Status: | Removed |
| Tank Name: | 5 |
| Tank Material: | Not reported |
| Substance: | UNLEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 5182 |
| Install Date: | 12/31/1964 |
| Capacity: | 5,000 TO 9,999 GALLONS |
| Status: | Removed |
| Tank Name: | 3 |
| Tank Material: | Steel-Unprotected |
| Substance: | LEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

**CHARLEYS AUTOMOTIVE (Continued)** **U001123927**

Facility ID: 5182
Install Date: 12/31/1964
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 5182
Install Date: 12/31/1964
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 5182
Install Date: 12/31/1964
Capacity: 111 TO 1,000 GALLONS
Status: Removed
Tank Name: 4
Tank Material: Fiberglass Reinforced Plastic
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

---

**E20 West 1/2-1 2698 Lower**
**MOSCATEL PROPERTY** **LUST** **S101150635**
**233 MAIN AVE S** **N/A**
**RENTON, WA 0**

LUST:

| | | | |
|---|---|---|---|
| Facility ID: | 200765 | Ecology Region: | North Western |
| Release ID: | 1976 | Release Date: | 9/11/1990 |
| Release Status: | REPORTED CLEANED UP | Status Date: | 5/21/1995 |
| Alternate Name: | MOSCATEL PROPERTY | | |
| Affected Media: | SOIL | | |

| | | | |
|---|---|---|---|
| Facility ID: | 200765 | Ecology Region: | North Western |
| Release ID: | 1976 | Release Date: | 9/11/1990 |
| Release Status: | CLEANUP STARTED | Status Date: | 9/11/1990 |
| Alternate Name: | MOSCATEL PROPERTY | | |
| Affected Media: | SOIL | | |

---

**F21 West 1/2-1 2709 Lower**
**TAYLORS AUTO BODY** **RCRIS-SQG** **1000290874**
**330 MAIN AVE S** **FINDS** **WAD094616117**
**RENTON, WA 98055** **UST**
**LUST**

**TAYLORS AUTO BODY (Continued)** **1000290874**

RCRIS:
Owner: KENNETH TAYLOR
(425) 271-3001
Contact: KENNETH TAYLOR
(425) 271-3001
Record Date: 12/31/1997
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

LUST:

| | | | |
|---|---|---|---|
| Facility ID: | 3539 | Ecology Region: | North Western |
| Release ID: | 2899 | Release Date: | 10/10/1990 |
| Release Status: | REPORTED CLEANED UP | Status Date: | 6/1/1995 |
| Alternate Name: | TAYLOR AUTO BODY | | |
| Affected Media: | SOIL | | |

| | | | |
|---|---|---|---|
| Facility ID: | 3539 | Ecology Region: | North Western |
| Release ID: | 2899 | Release Date: | 10/10/1990 |
| Release Status: | CLEANUP STARTED | Status Date: | 10/10/1990 |
| Alternate Name: | TAYLOR AUTO BODY | | |
| Affected Media: | SOIL | | |

UST:

| | |
|---|---|
| Facility ID: | 3539 |
| Install Date: | 12/31/1964 |
| Capacity: | 111 to 1,100 Gallons |
| Status: | Closed in Place |
| Tank Name: | 2 |
| Tank Material: | Not reported |
| Substance: | Not reported |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 3539 |
| Install Date: | 12/31/1964 |
| Capacity: | 111 to 1,100 Gallons |
| Status: | Closed in Place |
| Tank Name: | 1 |
| Tank Material: | Not reported |
| Substance: | HAZARDOUS SUBSTANCE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

---

**F22** **TAYLOR AUTO BODY SHOP** **WA ICR** **S103509763**
**West** **330 MAIN AVE S** **N/A**
**1/2-1** **RENTON, WA 98055**
**2709**
**Lower**

**TAYLOR AUTO BODY SHOP (Continued)** **S103509763**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 11/19/90 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Soil |
| Cause of Contamination: | Not reported |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 90-17 |
| County Code: | 17 |

---

**23**
**NNW**
**1/2-1**
**2890**
**Lower**

**PACCAR (NOT PART OF SUPERFUND SITE)**
**480 HOUSER WAY N**
**RENTON, WA 98055**

**WA ICR** **S102515062**
**N/A**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 02/19/91 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Final cleanup report |
| Site Register Issue: | 91-23 |
| County Code: | 17 |

---

**24**
**NW**
**1/2-1**
**3334**
**Lower**

**ARCO #5207**
**401 PARK AVE N**
**RENTON, WA 98055**

**WA ICR** **S103503926**
**N/A**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 04/10/98 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 98-03 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 10/26/98 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 98-13 |
| County Code: | 17 |

**ARCO #5207 (Continued)** **S103503926**

| | |
|---|---|
| Date Ecology Received Report: | 04/30/99 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 98-15 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 03/20/91 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 91-25 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 06/16/92 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 92-44 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 02/25/93 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 92-46 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 04/07/93 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 92-49 |
| County Code: | 17 |

**ARCO #5207 (Continued)** **S103503926**

| | |
|---|---|
| Date Ecology Received Report: | 07/26/93 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 93-06 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 08/11/93 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 93-09 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 12/01/93 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 93-20 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 05/19/94 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 93-27 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 08/29/94 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 93-48 |
| County Code: | 17 |

**ARCO #5207 (Continued)** **S103503926**

| | |
|---|---|
| Date Ecology Received Report: | 02/07/96 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-35 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 12/15/95 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-35 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 04/11/95 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-35 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 01/16/95 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-35 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 11/09/96 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-41 |
| County Code: | 17 |

**ARCO #5207 (Continued)** **S103503926**

| | |
|---|---|
| Date Ecology Received Report: | 11/09/96 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-42 |
| County Code: | 17 |

| | |
|---|---|
| Date Ecology Received Report: | 02/10/97 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 94-53 |
| County Code: | 17 |

---

**G25**
**West**
**1/2-1**
**3344**
**Lower**

**RENTON CO 070276**
**225 WILLIAMS AVE S**
**RENTON, WA 98055**

**UST** **U000594148**
**LUST** **N/A**

LUST:

| | | | |
|---|---|---|---|
| Facility ID: | 9993 | Ecology Region: | North Western |
| Release ID: | 3059 | Release Date: | 10/3/1990 |
| Release Status: | CLEANUP STARTED | Status Date: | 6/1/1995 |
| Alternate Name: | US WEST RENTON CENTRAL OFFICE | | |
| Affected Media: | SOIL | | |

| | | | |
|---|---|---|---|
| Facility ID: | 9993 | Ecology Region: | North Western |
| Release ID: | 3059 | Release Date: | 10/3/1990 |
| Release Status: | CLEANUP STARTED | Status Date: | 6/1/1995 |
| Alternate Name: | US WEST RENTON CENTRAL OFFICE | | |
| Affected Media: | GROUND WATER | | |

UST:

| | |
|---|---|
| Facility ID: | 9993 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Exempt |
| Tank Name: | 3 HEAT |
| Tank Material: | Not reported |
| Substance: | Not reported |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 9993 |
| Install Date: | 1/1/1954 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 2 STANDBY |
| Tank Material: | Not reported |
| Substance: | KEROSENE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

**RENTON CO 070276 (Continued)** **U000594148**

Facility ID: 9993
Install Date: 1/1/1968
Capacity: Not reported
Status: Closed in Place
Tank Name: 1 STANDBY
Tank Material: Steel-Unprotected
Substance: KEROSENE
Compartment #: 1
Ecology Region: North Western

---

**G26** **US WEST** **WA ICR** **S103510310**
**West** **225 WILLIAMS AVE S** **N/A**
**1/2-1** **RENTON, WA 98055**
**3344**
**Lower**

WA ICR:

Date Ecology Received Report: 11/25/92
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-47
County Code: 17

Date Ecology Received Report: 07/08/91
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-07
County Code: 17

Date Ecology Received Report: 10/23/90
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 90-16
County Code: 17

Date Ecology Received Report: 04/23/91
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Not reported
Site Register Issue: 91-30
County Code: 17

---

**27** **PACCAR M.I.S.** **UST** **U000596974**
**North** **480 HOUSER WAY** **LUST** **N/A**
**1/2-1** **RENTON, WA 98055**
**3414**
**Lower**

**PACCAR M.I.S. (Continued)** **U000596974**

LUST:

| | | | |
|---|---|---|---|
| Facility ID: | 97701 | Ecology Region: | North Western |
| Release ID: | 1984 | Release Date: | 8/28/1990 |
| Release Status: | REPORTED CLEANED UP | Status Date: | 6/1/1995 |
| Alternate Name: | PACCAR 500 BLK HOUSER WY N | | |
| Affected Media: | SOIL | | |

| | | | |
|---|---|---|---|
| Facility ID: | 97701 | Ecology Region: | North Western |
| Release ID: | 1984 | Release Date: | 8/28/1990 |
| Release Status: | CLEANUP STARTED | Status Date: | 8/28/1990 |
| Alternate Name: | PACCAR 500 BLK HOUSER WY N | | |
| Affected Media: | SOIL | | |

UST:

| | |
|---|---|
| Facility ID: | 97701 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Closed in Place |
| Tank Name: | 1 |
| Tank Material: | Steel-Unprotected |
| Substance: | Not reported |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 97701 |
| Install Date: | 9/15/1989 |
| Capacity: | 2,001 TO 4,999 GALLONS |
| Status: | Operational |
| Tank Name: | 1. |
| Tank Material: | Steel Clad with Fiberglass |
| Substance: | HEATING FUEL |
| Compartment #: | 1 |
| Ecology Region: | North Western |

---

**28**
**North**
**1/2-1**
**3501**
**Lower**

**PERFORMANCE APEX AUTO SHOP**
**410 SUNSET BLVD N**
**RENTON, WA 98055**

**RCRIS-SQG** **1000230415**
**FINDS** **WAD054788351**
**CSCSL**

RCRIS:

| | |
|---|---|
| Owner: | PERFORMANCE APEX LTD<br>(360) 555-1212 |
| Contact: | RAY MORTENSEN<br>(425) 226-5955 |
| Record Date: | Not reported |
| Classification: | Not reported |
| Used Oil Recyc: | No |
| Violation Status: | No violations found |

**PERFORMANCE APEX AUTO SHOP (Continued)** **1000230415**

SHWS:

| | |
|---|---|
| Facility ID: | 2315 |
| Facility Status: | Not reported |
| Rank: | Not reported |
| Flag: | STATE |
| Responsible Unit: | NW |
| Latitude: | 47 29 24 |
| Longitude: | 122 11 35 |

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Not reported

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Confirmed above MTCA cleanup levels |
| Horizontal Collection Method: | 3 |
| EPA Priority Pollutants - Metals and Cyanide: | Not reported |
| Metals - Other non-priority pollutant medals: | Not reported |
| Polychlorinated biPhenyls (PCBs): | Not reported |
| Pesticides: | Not reported |
| Petroleum Products: | Confirmed above MTCA cleanup levels |
| Phenolic Compounds: | Not reported |
| Non-Halogenated Solvents: | Confirmed above MTCA cleanup levels |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Not reported |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Not reported |

**PERFORMANCE APEX AUTO SHOP (Continued)** **1000230415**

Facility ID: 2315
Facility Status: Not reported
Rank: Not reported
Flag: STATE
Responsible Unit: NW
Latitude: 47 29 24
Longitude: 122 11 35
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Not reported
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Suspected to be present |
| Horizontal Collection Method: | 3 |
| EPA Priority Pollutants - Metals and Cyanide: | Not reported |
| Metals - Other non-priority pollutant medals: | Not reported |
| Polychlorinated biPhenyls (PCBs): | Not reported |
| Pesticides: | Not reported |
| Petroleum Products: | Suspected to be present |
| Phenolic Compounds: | Not reported |
| Non-Halogenated Solvents: | Suspected to be present |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Not reported |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Not reported |

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**H29** **RENTON SCHOOL DISTRICT - TRANSPORTATION** **WA ICR** **S103850922**
**NNW** **1220 N 4TH ST** **N/A**
**1/2-1** **RENTON, WA 98055**
**3517**
**Lower**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 05/25/95 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Final cleanup report |
| Site Register Issue: | 94-03 |
| County Code: | 17 |

---

**H30** **RENTON SCHOOL DISTRICT - TRANSPORTATION** **WA ICR** **S103850603**
**NNW** **1220 N 4TH ST** **N/A**
**1/2-1** **RENTON, WA 98055**
**3517**
**Lower**

**RENTON SCHOOL DISTRICT - TRANSPORTATION (Continued)** **S103850603**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 02/18/99 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 98-13 |
| County Code: | 17 |

---

**H31**
**NNW**
**1/2-1**
**3517**
**Lower**

**RENTON SCHOOL DISTRICT - TRANSPORTATION**
**1220 N 4TH ST**
**RENTON, WA 98055**

**WA ICR** **S103850859**
**N/A**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 05/17/99 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 98-15 |
| County Code: | 17 |

---

**H32**
**NNW**
**1/2-1**
**3517**
**Lower**

**RENTON SCHOOL DISTRICT - TRANSPORTATION**
**1220 N 4TH ST**
**RENTON, WA 98055**

**WA ICR** **S103850921**
**N/A**

WA ICR:

| | |
|---|---|
| Date Ecology Received Report: | 10/15/91 |
| Contaminants Found at Site: | Petroleum products |
| Media Contaminated: | Groundwater, Soil |
| Cause of Contamination: | Tank |
| Region: | North Western |
| Type of Report Ecology Received: | Interim cleanup report |
| Site Register Issue: | 92-39 |
| County Code: | 17 |

---

**33**
**WSW**
**1/2-1**
**3576**
**Higher**

**RENTON SERVICE CENTER**
**620 S GRADY WAY**
**RENTON, WA 98055**

**UST** **U000592914**
**LUST** **N/A**

LUST:

| | | | |
|---|---|---|---|
| Facility ID: | 8527 | Ecology Region: | North Western |
| Release ID: | 511315 | Release Date: | 8/11/1989 |
| Release Status: | REPORTED CLEANED UP | Status Date: | 6/1/1995 |
| Alternate Name: | RENTON SHEFFIELD | | |
| Affected Media: | SOIL | | |

**RENTON SERVICE CENTER (Continued)** **U000592914**

| | | | |
|---|---|---|---|
| Facility ID: | 8527 | Ecology Region: | North Western |
| Release ID: | 511315 | Release Date: | 8/11/1989 |
| Release Status: | CLEANUP STARTED | Status Date: | 8/11/1989 |
| Alternate Name: | RENTON SHEFFIELD | | |
| Affected Media: | SOIL | | |

| | | | |
|---|---|---|---|
| Facility ID: | 8527 | Ecology Region: | North Western |
| Release ID: | 511315 | Release Date: | 8/11/1989 |
| Release Status: | REPORTED CLEANED UP | Status Date: | 6/1/1995 |
| Alternate Name: | RENTON SHEFFIELD | | |
| Affected Media: | GROUND WATER | | |

| | | | |
|---|---|---|---|
| Facility ID: | 8527 | Ecology Region: | North Western |
| Release ID: | 511315 | Release Date: | 8/11/1989 |
| Release Status: | CLEANUP STARTED | Status Date: | 8/11/1989 |
| Alternate Name: | RENTON SHEFFIELD | | |
| Affected Media: | GROUND WATER | | |

UST:

| | |
|---|---|
| Facility ID: | 8527 |
| Install Date: | 1/1/1956 |
| Capacity: | 2,001 TO 4,999 GALLONS |
| Status: | REMOVED |
| Tank Name: | 227 |
| Tank Material: | STEEL |
| Substance: | DIESEL |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 8527 |
| Install Date: | 1/1/1956 |
| Capacity: | 111 TO 1,000 GALLONS |
| Status: | Removed |
| Tank Name: | 192 |
| Tank Material: | Steel-Unprotected |
| Substance: | Not reported |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 8527 |
| Install Date: | 1/1/1956 |
| Capacity: | 111 TO 1,000 GALLONS |
| Status: | CLOSED IN PLACE |
| Tank Name: | 217 |
| Tank Material: | STEEL |
| Substance: | DIESEL |
| Compartment #: | 1 |
| Ecology Region: | North Western |

**RENTON SERVICE CENTER (Continued)** **U000592914**

Facility ID: 8527
Install Date: 1/1/1968
Capacity: 111 TO 1,000 GALLONS
Status: REMOVED
Tank Name: 225
Tank Material: STEEL
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8527
Install Date: 1/1/1973
Capacity: 2,001 TO 4,999 GALLONS
Status: REMOVED
Tank Name: 224
Tank Material: STEEL
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8527
Install Date: 1/1/1973
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 226
Tank Material: STEEL
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8527
Install Date: 1/1/1956
Capacity: 111 TO 1,000 GALLONS
Status: CLOSED IN PLACE
Tank Name: 218
Tank Material: STEEL
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8527
Install Date: 10/23/1989
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: 262
Tank Material: FIBERGLASS REINFORCED PLASTIC
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

**RENTON SERVICE CENTER (Continued)** — **U000592914**

Facility ID: 8527
Install Date: 10/23/1989
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: 263
Tank Material: FIBERGLASS REINFORCED PLASTIC
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

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**34**
**NE**
**1/2-1**
**3622**
**Higher**

**WSDOT**
**2740 NE 3RD ST**
**RENTON, WA 98056**

**WA ICR** — **S102516723**, **N/A**

WA ICR:
Date Ecology Received Report: 02/20/91
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 91-24
County Code: 17

---

**H35**
**NNW**
**1/2-1**
**3706**
**Lower**

**RENTON SCHOOL DISTRICT #403**
**1220 N 4TH ST**
**RENTON, WA 98055**

**FINDS** — **1000417427**
**UST** — **WAD982659856**
**LUST**

LUST:
Facility ID: 3542 — Ecology Region: North Western
Release ID: 1653 — Release Date: 12/7/1989
Release Status: CLEANUP STARTED — Status Date: 6/1/1995
Alternate Name: RENTON SCHOOL TRANSPORTATION DEPT
Affected Media: SOIL

Facility ID: 3542 — Ecology Region: North Western
Release ID: 1653 — Release Date: 12/7/1989
Release Status: CLEANUP STARTED — Status Date: 6/1/1995
Alternate Name: RENTON SCHOOL TRANSPORTATION DEPT
Affected Media: GROUND WATER

UST:
Facility ID: 3542
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

**RENTON SCHOOL DISTRICT #403 (Continued)** **1000417427**

Facility ID: 3542
Install Date: 1/1/1947
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3542
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3542
Install Date: 9/23/1998
Capacity: Not reported
Status: Operational
Tank Name: 2R
Tank Material: STEEL CLAD WITH FIBERGLASS
Substance: Diesel
Compartment #: 1
Ecology Region: North Western

Facility ID: 3542
Install Date: 12/31/1964
Capacity: Not reported
Status: Removed
Tank Name: 3OLD
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3542
Install Date: 1/1/1947
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

**RENTON SCHOOL DISTRICT #403 (Continued)** **1000417427**

Facility ID: 3542
Install Date: 9/23/1998
Capacity: Not reported
Status: Operational
Tank Name: 1R
Tank Material: STEEL CLAD WITH FIBERGLASS
Substance: Used Oil/Waste Oil
Compartment #: 1
Ecology Region: North Western

Facility ID: 3542
Install Date: 1/1/1990
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 3R
Tank Material: COATED STEEL
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

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**36**
**NW**
**1/2-1**
**3844**
**Lower**

**ARCO 5207**
**401 PARK AVE N**
**RENTON, WA 98055**

**RCRIS-SQG** **1000658738**
**FINDS** **WAD988483947**
**UST**
**LUST**

RCRIS:
Owner: ARCO
(714) 670-5405
Contact: DEREK REICHART
(714) 670-5405
Record Date: 12/31/1997
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

LUST:
Facility ID: 8789
Release ID: 1642
Release Status: CLEANUP STARTED
Alternate Name: ARCO STATION # 5207
Affected Media: SOIL
Ecology Region: North Western
Release Date: 12/15/1989
Status Date: 11/30/1993

Facility ID: 8789
Release ID: 1642
Release Status: MONITORING
Alternate Name: ARCO STATION # 5207
Affected Media: SOIL
Ecology Region: North Western
Release Date: 12/15/1989
Status Date: Not reported

Facility ID: 8789
Release ID: 1642
Release Status: CLEANUP STARTED
Alternate Name: ARCO STATION # 5207
Affected Media: GROUND WATER
Ecology Region: North Western
Release Date: 12/15/1989
Status Date: 11/30/1993

**ARCO 5207 (Continued)** **1000658738**

| | | | |
|---|---|---|---|
| Facility ID: | 8789 | Ecology Region: | North Western |
| Release ID: | 1642 | Release Date: | 12/15/1989 |
| Release Status: | MONITORING | Status Date: | Not reported |
| Alternate Name: | ARCO STATION # 5207 | | |
| Affected Media: | GROUND WATER | | |

UST:

| | |
|---|---|
| Facility ID: | 8789 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 1 |
| Tank Material: | Steel-Unprotected |
| Substance: | LEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 8789 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 2 |
| Tank Material: | Steel-Unprotected |
| Substance: | UNLEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 8789 |
| Install Date: | 12/31/1964 |
| Capacity: | Not reported |
| Status: | Removed |
| Tank Name: | 3 |
| Tank Material: | Steel-Unprotected |
| Substance: | UNLEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 8789 |
| Install Date: | 9/1/1990 |
| Capacity: | 10,000 TO 19,999 GALLONS |
| Status: | OPERATIONAL |
| Tank Name: | 4 SUPER |
| Tank Material: | FIBERGLASS REINFORCED PLASTIC |
| Substance: | UNLEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

| | |
|---|---|
| Facility ID: | 8789 |
| Install Date: | 9/1/1990 |
| Capacity: | 10,000 TO 19,999 GALLONS |
| Status: | Operational |
| Tank Name: | 1 REGULAR |
| Tank Material: | Fiberglass Reinforced Plastic |
| Substance: | LEADED GASOLINE |
| Compartment #: | 1 |
| Ecology Region: | North Western |

**ARCO 5207 (Continued)** **1000658738**

Facility ID: 8789
Install Date: 9/1/1990
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 3 UNLEAD
Tank Material: Fiberglass Reinforced Plastic
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8789
Install Date: 9/1/1990
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 2 UNLEADED
Tank Material: Fiberglass Reinforced Plastic
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

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**37**
**NE**
**1/2-1**
**3882**
**Higher**

**RENTON MAINTENANCE FACILITY SITE**
**2731 NORTH 4TH**
**RENTON, WA 98055**

**UST** **U001127133**
**LUST** **N/A**

LUST:
Facility ID: 12263
Release ID: 1681
Release Status: CLEANUP STARTED
Alternate Name: WDOT RENTON
Affected Media: SOIL
Ecology Region: North Western
Release Date: 9/27/1990
Status Date: 6/1/1995

UST:
Facility ID: 12263
Install Date: 12/31/1964
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 66A01026
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 12263
Install Date: 12/31/1964
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 66A01027
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

| Map ID / Direction / Distance / Distance (ft.) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number |
|---|---|---|---|
| 38<br>NE<br>1/2-1<br>4873<br>Higher | **RENTON HIGHLANDS LANDFILL**<br>**NE 3RD ST / NE 4TH ST**<br>**RENTON, WA 98056** | CSCSL | S102258295<br>N/A |

SHWS:

| | |
|---|---|
| Facility ID: | 2128 |
| Facility Status: | Not reported |
| Rank: | Not reported |
| Flag: | STATE |
| Responsible Unit: | NW |
| Latitude: | 47 29 11 |
| Longitude: | 122 10 51 |

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

| | |
|---|---|
| Affected Media: | Not reported |
| Media Status: | S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site |

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Not reported |
| Horizontal Collection Method: | 4 |
| EPA Priority Pollutants - Metals and Cyanide: | Not reported |
| Metals - Other non-priority pollutant medals: | Not reported |
| Polychlorinated biPhenyls (PCBs): | Not reported |
| Pesticides: | Not reported |
| Petroleum Products: | Not reported |
| Phenolic Compounds: | Not reported |
| Non-Halogenated Solvents: | Not reported |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Not reported |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Suspected to be present |
| Conventional Contaminants, Inorganic: | Suspected to be present |

| | | | |
|---|---|---|---|
| 39<br>WNW<br>> 1<br>5511<br>Lower | **RENTON SCHOOL DIST #403**<br>**235 AIRPORT WAY S**<br>**RENTON, WA 98055** | LUST<br>CSCSL | S101098021<br>N/A |

**PUGET POWER TALBOT HILL SUBSTATION (Continued)** **S102258281**

Facility ID: 2377
Facility Status: Not reported
Rank: Not reported
Flag: STATE
Responsible Unit: NW
Latitude: 47 27 54
Longitude: 122 11 9
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Not reported
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Not reported |
| Horizontal Collection Method: | 3 |
| EPA Priority Pollutants - Metals and Cyanide: | Suspected to be present |
| Metals - Other non-priority pollutant medals: | Suspected to be present |
| Polychlorinated biPhenyls (PCBs): | Not reported |
| Pesticides: | Not reported |
| Petroleum Products: | Suspected to be present |
| Phenolic Compounds: | Not reported |
| Non-Halogenated Solvents: | Not reported |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Not reported |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Not reported |

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**I41** **BOEING RENTON** **CSCSL** **S103822459**
**NW** **800 LOGAN AVE N** **N/A**
**> 1** **RENTON, WA 98055**
**6369**
**Lower**

**BOEING RENTON (Continued)** **S103822459**

SHWS:
Facility ID: 2097
Facility Status: Not reported
Rank: Not reported
Flag: STATE
Responsible Unit: NW
Latitude: 47 29 45
Longitude: 122 12 28
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
1 - Greatest assessed risk to human health and to the environment
Affected Media: Not reported
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Suspected to be present |
| Horizontal Collection Method: | 3 |
| EPA Priority Pollutants - Metals and Cyanide: | Suspected to be present |
| Metals - Other non-priority pollutant medals: | Suspected to be present |
| Polychlorinated biPhenyls (PCBs): | Suspected to be present |
| Pesticides: | Not reported |
| Petroleum Products: | Suspected to be present |
| Phenolic Compounds: | Suspected to be present |
| Non-Halogenated Solvents: | Suspected to be present |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Suspected to be present |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Suspected to be present |
| Radioactive Wastes: | Not reported |
| Asbestos: | Suspected to be present |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Suspected to be present |

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**I42** **BOEING RENTON** **CSCSL** **S103822458**
**NW** **800 LOGAN AVE N** **N/A**
**> 1** **RENTON, WA 98055**
**6369**
**Lower**

**BOEING RENTON (Continued)** **S103822458**

SHWS:
Facility ID: 2097
Facility Status: Not reported
Rank: Not reported
Flag: STATE
Responsible Unit: NW
Latitude: 47 29 45
Longitude: 122 12 28
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
1 - Greatest assessed risk to human health and to the environment
Affected Media: Not reported
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Confirmed above MTCA cleanup levels |
| Horizontal Collection Method: | 3 |
| EPA Priority Pollutants - Metals and Cyanide: | Confirmed above MTCA cleanup levels |
| Metals - Other non-priority pollutant medals: | Confirmed above MTCA cleanup levels |
| Polychlorinated biPhenyls (PCBs): | Confirmed above MTCA cleanup levels |
| Pesticides: | Not reported |
| Petroleum Products: | Confirmed above MTCA cleanup levels |
| Phenolic Compounds: | Confirmed above MTCA cleanup levels |
| Non-Halogenated Solvents: | Confirmed above MTCA cleanup levels |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Suspected to be present |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Suspected to be present |
| Radioactive Wastes: | Not reported |
| Asbestos: | Suspected to be present |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Confirmed above MTCA cleanup levels |

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**43** **DUKE'S TRANSMISSION SERVICE** **UST** **U003025654**
**WNW** **255 RAINIER NO** **CSCSL** **N/A**
**> 1** **RENTON, WA 98055**
**6405**
**Lower**

**DUKE'S TRANSMISSION SERVICE (Continued)** **U003025654**

SHWS:
Facility ID: 5418
Facility Status: AWAITING RA
Rank: 5
Flag: STATE
Responsible Unit: NW
Latitude: 47 29 10
Longitude: 122 13 5
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Not reported
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Suspected to be present |
| Horizontal Collection Method: | 4 |
| EPA Priority Pollutants - Metals and Cyanide: | Suspected to be present |
| Metals - Other non-priority pollutant medals: | Not reported |
| Polychlorinated biPhenyls (PCBs): | Not reported |
| Pesticides: | Not reported |
| Petroleum Products: | Confirmed above MTCA cleanup levels |
| Phenolic Compounds: | Not reported |
| Non-Halogenated Solvents: | Not reported |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Not reported |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Not reported |

**DUKE'S TRANSMISSION SERVICE (Continued)** **U003025654**

Facility ID: 5418
Facility Status: Not reported
Rank: Not reported
Flag: STATE
Responsible Unit: NW
Latitude: 47 29 10
Longitude: 122 13 5
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Not reported
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Suspected to be present |
| Horizontal Collection Method: | 4 |
| EPA Priority Pollutants - Metals and Cyanide: | Suspected to be present |
| Metals - Other non-priority pollutant medals: | Not reported |
| Polychlorinated biPhenyls (PCBs): | Not reported |
| Pesticides: | Not reported |
| Petroleum Products: | Suspected to be present |
| Phenolic Compounds: | Not reported |
| Non-Halogenated Solvents: | Not reported |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Not reported |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Not reported |

**DUKE'S TRANSMISSION SERVICE (Continued)** **U003025654**

Facility ID: 5418
Facility Status: Not reported
Rank: Not reported
Flag: STATE
Responsible Unit: NW
Latitude: 47 29 10
Longitude: 122 13 5
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Not reported
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

| | |
|---|---|
| Base/Neutral/Acid Organics: | Not reported |
| Halogenated Organic Compounds: | Suspected to be present |
| Horizontal Collection Method: | 4 |
| EPA Priority Pollutants - Metals and Cyanide: | Suspected to be present |
| Metals - Other non-priority pollutant medals: | Not reported |
| Polychlorinated biPhenyls (PCBs): | Not reported |
| Pesticides: | Not reported |
| Petroleum Products: | Suspected to be present |
| Phenolic Compounds: | Not reported |
| Non-Halogenated Solvents: | Not reported |
| Dioxin: | Not reported |
| Polynuclear Aromatic Hydrocarbons (PAH): | Not reported |
| Reactive Wastes: | Not reported |
| Corrosive Wastes: | Not reported |
| Radioactive Wastes: | Not reported |
| Asbestos: | Not reported |
| Conventional Contaminants, Organic: | Not reported |
| Conventional Contaminants, Inorganic: | Not reported |

UST:
Facility ID: 1169
Install Date: 12/31/1964
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 1169
Install Date: 12/31/1964
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

| City | EDR ID | Site Name | Site Address | Zip | Database(s) | Facility ID |
|---|---|---|---|---|---|---|
| KENT | U000925588 | TEXACO KENT | E VALLEY HWY & 43 SW | 98055 | UST | 101541 |
| RENTON | 1000199592 | OPERATIONS NORTHWEST | SE 107TH & 169TH AVE SE | 98056 | RCRIS-SQG, FINDS | |
| RENTON | 1000455931 | KING CNTY WATER TANK 580 RESER | 124TH AVE SE & SE 80TH ST ACES | 98056 | RCRIS-SQG, FINDS | |
| RENTON | S103625836 | CELLO BAG MANUFACTURING | 1217 SW 17TH ST | 98055 | HAZNET | |
| RENTON | U003604715 | STATE FARM | 1000 S 2ND ST | 98055 | UST | 492551 |
| RENTON | S103918059 | SAFEWAY | 103 S 3RD | | LUST | 499575 |
| RENTON | S103512772 | MT. OLIVET LANDFILL | NE 3RD ST. | 98056 | WA ICR | |
| RENTON | U003604880 | FRAMECRAFTER | 106 S 3RD AVE | 98055 | UST | 498554 |
| RENTON | S103505479 | BP | 201 S 3RD ST | 98055 | WA ICR | |
| RENTON | 1000838973 | KENWORTH TRUCK CO RENTON | 1601 N 8TH ST | 98055 | FINDS, RCRIS-LQG, TRIS | |
| RENTON | U001778183 | HUMBLE OIL & REFINING COMPANY | 10160 SE 94TH | 98055 | UST | 102224 |
| RENTON | S103508800 | RENTON MUNICIPAL AIRPORT | APPROXIMATELY 800 RAINIER AVE. | 98055 | WA ICR | |
| RENTON | S103508747 | PUGET POWER/BOEING/PACIFIC NW GROU | BUILDING 7-81-4 | 98055 | WA ICR | |
| RENTON | U003604879 | EQUITY ENTERPRISES/JOHN TAYLOR | 245 BUSH PLACE S | | UST | 498538 |
| RENTON | U000921326 | LAKE UNION AIR, INC | EASTSIDE PARKING AREA RENTON A | 98055 | UST | 5605 |
| RENTON | S103506375 | CHEVRON #9 9114 (TWO REPORTS) | 301 GRADY WAY | 98055 | WA ICR | |
| RENTON | S103508242 | MIDWAY AUTO | 2802 KENT-DES MOINES ROAD | 98056 | WA ICR | |
| RENTON | S103505638 | BOEING - RENTON FACILITY - BLDGS 4 | 8TH / LOGAN | 98055 | WA ICR | |
| RENTON | S103505637 | BOEING - RENTON FACILITY - BLDG. 4 | 8TH / LOGAN | 98055 | WA ICR | |
| RENTON | S103505635 | BOEING - RENTON BLDG. 4-75 | LOGAN AVE. N. | 98055 | WA ICR | |
| RENTON | 1001490606 | US DOJ DEA RENTON POLICE DEPT | 220 MILL AVE S | 98055 | RCRIS-SQG | |
| RENTON | S103822453 | BNRR QUENDALL LOADING RACKS FORMER | E OF RR TRACKS / 4503 LK WAS | 98055 | CSCSL | 61436398 |
| RENTON | S101703200 | FUDS YOUNGS LAKE NIKE 32 33 | SE OF RENTON | 98055 | CSCSL | 147 |
| RENTON | S103507559 | GARDEN PLAZA/5TH & PARK BLDGS (FIV | PARK AVE. N. / N. SIXTH ST. | 98055 | WA ICR | |
| RENTON | S103507539 | G & M INVESTMENTS/GARDEN PLAZA | 5TH / PARK BLDGS AT PARK AVE | 98055 | WA ICR | |
| RENTON | 1001234115 | OAKSDALE BUSINESS CAMPUS | T23N R4E S36 | 98055 | FINDS, RCRIS-LQG | |
| RENTON | 1001234085 | KING CNTY BRYN MAWR SYSTEM IMPROVE | T23N R5E S7 | 98055 | RCRIS-SQG, FINDS | |
| RENTON | S103822533 | T & S AUTOMOTIVE SALES | 515 RAINIER AV | 98055 | CSCSL | 64969378 |
| RENTON | S103509540 | SOUND FORD RENTON | 750 RAINIER AVE. | 98055 | WA ICR | |
| RENTON | S103508806 | RENTON SHOPPING CENTER (EIGHT REPO | RAINIER AVE. S. / SUNSET BLV | 98055 | WA ICR | |
| RENTON | S103503851 | SOUND SUBARU | 240/250 RAINIER AVE. S. | 98055 | WA ICR | |
| RENTON | S103511699 | METRO EAST DIVISION | RENTON TREATMENT PLANT | 98055 | WA ICR | |
| RENTON | S103509016 | SEARS SERVICE CENTER OLD RENTON SH | 359 RENTON CENTER WAY SW | 98055 | WA ICR | |
| RENTON | U000924463 | RANIER CREST PUMP STATION | SE4 SEC27 & NE6/SEC34 TWP24N R | 98056 | UST | 12536 |
| RENTON | S103504951 | GOODYEAR | 207 THIRD AVE. | 98055 | WA ICR | |

# GEOCHECK VERSION 2.1 ADDENDUM
# GROUNDWATER FLOW INFORMATION

| Map ID<br>Direction<br>Distance<br>Elevation | Site | |
|---|---|---|
| **1g**<br>**West**<br>**1 - 2 Miles**<br>**Lower** | Site ID: | 3042 |
| | Groundwater Flow: | NW |
| | Shallowest Water Table Depth: | 10.20 |
| | Deepest Water Table Depth: | 10.44 |
| | Average Water Table Depth: | Not Reported |
| | Date: | 06/25/1992 |

# GEOCHECK VERSION 2.1
# FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Southern Quadrant)

**BASIC WELL DATA**

| | | | |
|---|---|---|---|
| Site ID: | 472752122124701 | Distance from TP: | 1 - 2 Miles |
| Site Type: | Single well, other than collector or Ranney type | | |
| Year Constructed: | 1938 | County: | Not Reported |
| Altitude: | 118.00 ft. | State: | Not Reported |
| Well Depth: | 26.00 ft. | Topographic Setting: | Not Reported |
| Depth to Water Table: | 10.20 ft. | Prim. Use of Site: | Withdrawal of water |
| Date Measured: | 07181962 | Prim. Use of Water: | Irrigation |

**LITHOLOGIC DATA**

Not Reported

**WATER LEVEL VARIABILITY**

Not Reported

# GEOCHECK VERSION 2.1
# FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Western Quadrant)

**BASIC WELL DATA**

| | | | |
|---|---|---|---|
| Site ID: | 472900122115001 | Distance from TP: | 1/4 - 1/2 Mile |
| Site Type: | Single well, other than collector or Ranney type | | |
| Year Constructed: | 1942 | County: | Not Reported |
| Altitude: | 30.00 ft. | State: | Not Reported |
| Well Depth: | 82.00 ft. | Topographic Setting: | Not Reported |
| Depth to Water Table: | 24.00 ft. | Prim. Use of Site: | Not Reported |
| Date Measured: | 01011942 | Prim. Use of Water: | Not Reported |

**LITHOLOGIC DATA**

Not Reported

**WATER LEVEL VARIABILITY**

Not Reported

# GEOCHECK VERSION 2.1
# PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

**PWS SUMMARY:**

| | | | | | |
|---|---|---|---|---|---|
| PWS ID: | WA5371850 | PWS Status: | Active | Distance from TP: | 1/4 - 1/2 Mile |
| Date Initiated: | Not Reported | Date Deactivated: | Not Reported | Dir relative to TP: | West |
| PWS Name: | RENTON, CITY OF<br>RENTON, WA 98056 | | | | |
| Addressee / Facility: | Not Reported | | | | |
| Facility Latitude: | 47 28 36 | | Facility Longitude: | 122 12 00 | |
| City Served: | Not Reported | | | | |
| Treatment Class: | Treated | | Population Served: | 10,001 - 50,000 Persons | |

PWS currently has or has had major violation(s) or enforcement: No

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

**FEDERAL ASTM RECORDS:**

**CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/26/99
Date Made Active at EDR: 11/11/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/30/99
Elapsed ASTM days: 73
Date of Last EDR Contact: 08/30/99

**ERNS:** Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/05/99
Date Made Active at EDR: 09/23/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/06/99
Elapsed ASTM days: 48
Date of Last EDR Contact: 11/01/99

**NPL:** National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 07/22/99
Date Made Active at EDR: 09/10/99
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/05/99
Elapsed ASTM days: 36
Date of Last EDR Contact: 08/05/99

**RCRIS:** Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/01/99
Date Made Active at EDR: 11/17/99
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/06/99
Elapsed ASTM days: 42
Date of Last EDR Contact: 10/04/99

**CORRACTS:** Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/99
Date Made Active at EDR: 04/16/99
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/17/99
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/13/99

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**FEDERAL NON-ASTM RECORDS:**

**BRS:** Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95
Database Release Frequency: Biennially
Date of Last EDR Contact: 09/23/99
Date of Next Scheduled EDR Contact: 12/20/99

**CONSENT:** Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies
Database Release Frequency: Varies
Date of Last EDR Contact: Varies
Date of Next Scheduled EDR Contact: N/A

**FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/01/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 10/13/99
Date of Next Scheduled EDR Contact: 01/10/00

**HMIRS:** Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4526
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/98
Database Release Frequency: Annually
Date of Last EDR Contact: 10/28/99
Date of Next Scheduled EDR Contact: 01/24/00

**MLTS:** Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/08/98
Database Release Frequency: Quarterly
Date of Last EDR Contact: 10/12/99
Date of Next Scheduled EDR Contact: 01/10/00

**NPL LIENS:** Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 08/27/99
Date of Next Scheduled EDR Contact: 01/22/00

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**PADS:** PCB Activity Database System
Source: EPA
Telephone: 202-260-3936
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 08/17/99
Date of Next Scheduled EDR Contact: 02/14/00

**RAATS:** RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 09/13/99
Date of Next Scheduled EDR Contact: 12/13/99

**ROD:** Records Of Decision
Source: NTIS
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99
Database Release Frequency: Annually
Date of Last EDR Contact: 10/06/99
Date of Next Scheduled EDR Contact: 11/22/99

**TRIS:** Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97
Database Release Frequency: Annually
Date of Last EDR Contact: 09/27/99
Date of Next Scheduled EDR Contact: 12/27/99

**TSCA:** Toxic Substances Control Act
Source: EPA
Telephone: 202-260-1444
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/94
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 09/20/99
Date of Next Scheduled EDR Contact: 01/24/00

**MINES:** Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 10/04/99
Date of Next Scheduled EDR Contact: 01/03/00

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**STATE OF WASHINGTON ASTM RECORDS:**

**HSL:** Hazardous Sites List
Source: Department of Ecology
Telephone: 360-407-7200
The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 08/31/99
Date Made Active at EDR: 11/19/99
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/26/99
Elapsed ASTM days: 24
Date of Last EDR Contact: 10/26/99

**LUST:** Leaking Underground Storage Tanks Site List
Source: Department of Ecology
Telephone: 360-407-7200
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/01/99
Date Made Active at EDR: 11/11/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/02/99
Elapsed ASTM days: 9
Date of Last EDR Contact: 08/02/99

**CSCSL:** Confirmed & Suspected Contaminated Sites List
Source: Department of Ecology
Telephone: 360-407-7200
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 05/21/99
Date Made Active at EDR: 06/29/99
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/01/99
Elapsed ASTM days: 28
Date of Last EDR Contact: 08/27/99

**LF:** Solid Waste Facility Database
Source: Department of Ecology
Telephone: 360-407-6132
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/01/99
Date Made Active at EDR: 11/11/99
Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/03/99
Elapsed ASTM days: 8
Date of Last EDR Contact: 10/29/99

**UST:** Underground Storage Tank Database
Source: Department of Ecology
Telephone: 360-407-7170
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/01/99
Date Made Active at EDR: 11/16/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/02/99
Elapsed ASTM days: 14
Date of Last EDR Contact: 08/02/99

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**STATE OF WASHINGTON NON-ASTM RECORDS:**

**AIR EMISSIONS:** Washington Emissions Data System
Source: Department of Ecology
Telephone: 360-407-6040

Date of Government Version: 12/31/97
Database Release Frequency: Annually

Date of Last EDR Contact: 09/21/99
Date of Next Scheduled EDR Contact: 10/25/99

**ICR:** Independent Cleanup Reports
Source: Department of Ecology
Telephone: 360-407-7200
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree.

Date of Government Version: 06/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/99
Date of Next Scheduled EDR Contact: 11/22/99

## WASHINGTON COUNTY RECORDS

**SEATTLE/KING COUNTY:**

**Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project**
Source: Department of Public Health
Telephone: 206-296-4785
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/86
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 08/14/95
Date of Next Scheduled EDR Contact: N/A

**KING COUNTY:**

**Abandoned Landfill Study in King County**
Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/85
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

**SEATTLE COUNTY:**

**Abandoned Landfill Study in the City of Seattle**
Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/84
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

**SNOHOMISH COUNTY:**

**Solid Waste Sites of Record at Snohomish Health District**
Source: Snohomish Health District
Telephone: 206-339-5250

Date of Government Version: 09/28/99
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 09/27/99
Date of Next Scheduled EDR Contact: 01/24/00

**TACOMA/PIERCE COUNTY:**

**Closed Landfill Survey**
Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 04/15/93
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 01/11/95
Date of Next Scheduled EDR Contact: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

**Disclaimer Provided by Real Property Scan, Inc.**

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

**DELISTED NPL:** NPL Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/24/99
Date Made Active at EDR: 09/10/99
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 08/10/99
Elapsed ASTM days: 31
Date of Last EDR Contact: 08/10/99

**NFRAP:** No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 08/26/99
Date Made Active at EDR: 11/11/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 08/30/99
Elapsed ASTM days: 73
Date of Last EDR Contact: 08/30/99

**PWS:** Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

**PWS ENF:** Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SWDIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Area Radon Information:** The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**EPA Radon Zones:** Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

**Epicenters:** World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

**Water Dams:** National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

**Kitsap County Water Wells in Washington**
Source: Public Utility District No. 1 of Kitsap County
Telephone: 206-779-7656

# APPENDIX F
# ECOLOGY FILE DOCUMENTS

# APPENDIX G
# TAX RECORDS

FOLIO 1068
PERMIT NO. 11367
DATE 6-27-66

ADDITION TL(36) Legal on back
Section 17 Twp 33 Range 5 EWM. Block ____ Lot or ____
Tax Lot Por 26 Tract ____
Address 1516 Maple Way
BLG A-2.

Fee Owner STONAWAY CONCRETE CO. Architect ____ Contractor ____
Zoning ____ Condition of Exterior G Interior G Foundation C Floor Plan Good ____ Accept. ✓ Poor ____

Routing File

USE OFFICE

| | |
|---|---|
| 1 | No. Stories |
| | No. Stores |
| 3 | No. Rooms |
| | Basement Unit Sq. Ft. |
| 3 | No. Offices |
| | No. Apartmts. |
| | 1 rm. ☐ 2 rm. ☐ 3 rm. |
| | 4 rm. ☐ 5 rm. ☐ 6 rm. |

ROOF CONSTRUCTION
- Frame-Joist
- Mill-Deck
- Rein. Conc. ____ GLB
- Steel Fr. ____ Metal Deck
- Trusses ____ Span
- Wood ____ Steel

FLOOR FINISHES
- Fir ☐ Maple
- Oak ☐ 2x6TG
- Lino ☐ 3x6TG
- Cement ☐ Lgtwgt. Conc.
- Terrazzo
- Asphalt Tile ☐ Vinyl Tile

or

☐ Tile ☐ Line ☐ Form.
- Bath Floor
- Bath Walls
- Tub Recess
- Drain Bds.
- Vanities

PLUMBING
- 3 No. Fixtures
- 1 Toilets ____ Urinals
- Tubs Leg. or Pem.
- 1 Basins ____ Dr. Fins.
- Sinks
- Washers ____ Dryers
- Showers (tub) (stall)
- 1 H.W. Tanks ____ Ldy. Trays
- D. Washers ____ Disposals
- Sprinkler Sys.

Date Built 1966 Date Add. Built ____ ☒ Finished ☐ Unfinished ☐ Remodeled
Effective Age ____ Years Future Life ____ Years
Dep. for Cond. ____ Dep. for Ob. ____ Dep. for Fn. ____ Total ____

TYPE OF CONSTRUCTION
- Frame
- Metal-Prefab
- Ordinary Masonry
- Mill Construction
- Class A Rein. Conc.
- Stru. Steel and Conc.
- Struct. Steel, Frame

or

QUALITY-TYPE
Good ____ Med. ✓ Cheap

FOUNDATION
- Mud Sill ☐ Post Pier
- Conc. ☐ Brick
- Load Hgt. ☐ Piling

BASEMENT
- Full ____ % Part.
- Sub-Basement
- Size ____
- Garage ☐ No. Cars
- Floors
- Plastered ☐ Pl. Bd.
- No. Apartments
- Service Rooms

EXTERIOR WALL CONST.
- Single ☒ Double
- Stud Walls
- Brick ____ Pil. ☐
- Conc. ____ Pil. ☐
- Rein. Conc. Skeleton
- Str. Stl.-Frame
- Pre-Fab Metal
- Tilt-Up
- ____ Filler Wall
- ____ Curtain Wall

EXTERIOR FACING
- Siding
- Stucco ____ Shakes
- Marblecrete
- Brick ☐ Veneer
- Conc. ☐ Conc. Blk.

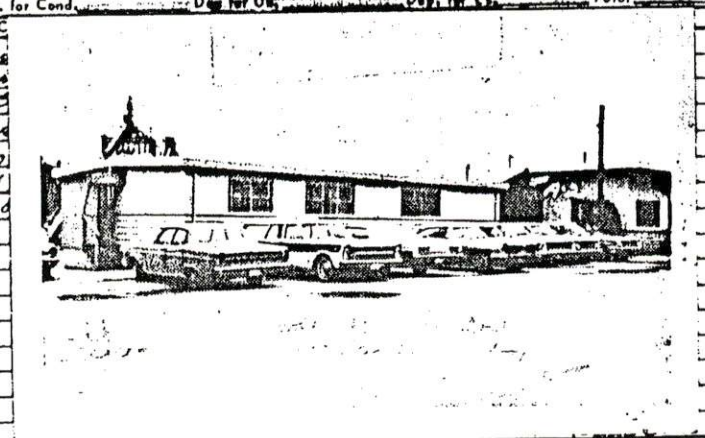
FLOOR CONSTRUCTION
Joist 2 x 8 x 16 O.C.
- Mill ____ Car Deck
- R.Conc. ____ Elev.
- Steel ____ GLB.

or

ROOF COVERING
- Bit.-Up ____ Tar & Gr.
- Comp. ____ Metal

or

FAC
Bas
Hea
Air
Fir
Cei
INT
Woo



MISC. TANKS, Etc.
HOISTS: Elec. Hydr.

ELEVATORS
- Pass. ____ Frght
- Auto. ____ Elec.
- Man. ____ Hydr.
- Doors-Auto ____ Man.
- Escalators
- Stops ____ Speed
- Cap'y.

DOCKS AND PIERS
- Hvy. ____ Med. ____ Lgt.
- Untrtd. Pile Tmbr.
- Conc. Piles & Bms
- Trtd. Pile Tmbr.
- Paved
- Dolphins

Deck

WIRING
- Knob & Tube
- Flex. Cable
- Conduit
- Pwr. Wiring
- Range Wiring
- ____ Outlets

HEATING
- Elec. ____ Oil ____ Gas
- H.W. ____ St. ____ H.A.
- B.Bd. ____ Suspended
- FHA ____ Pipeless
- A. Cond. ____ Wall Unit
- Comb. Unit ____ Custom
- Refrig. ____ Convector
- Heat Pump ____ Fireplace

| YEAR | ASSESSED VALUE |
|---|---|
| 68 | 3600 J 14467 |
| | 7200 |

INTERIOR WALLS & CEILING

| | |
|---|---|
| Stud | Wood Metal |
| Plaster | ✓ DryWall |
| Acc. Tile | Celotex |
| Ceiled | Plywood |
| Solid | Block |
| Sound Proofed | Lamin. |
| Finished | Unfinished |
| ✓ Painted | Varnished |

INSULATION
- Exter. ____ Partitions
- Roof ____ Floor

INTERIOR TRIM
- Fir ____ Birch
- Mah. ____ Oak
- Metal
- Wood ____ Metal Doors
- Wood ✓ Metal Sash
- Stained ____ Varnish
- Painted ____ Unfin.

| | C. Hgt. | SB |
|---|---|---|
| B | | |
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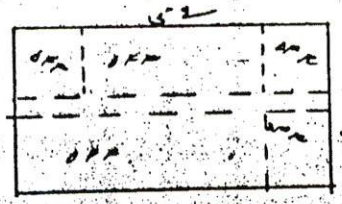
| 26 | | |

GROUND FLOOR AREA 1456
TOTAL FLOOR AREA 1456




Rev. 11/68

Engineer
JUL 14 1999

FOLIO 1068

PERMIT NO. 11478

DATE 8-30-66

ADDITION

Section 17 Twp. 23 Range 5 EWM. Block ____ Lot or ____

Tax Lot 8826 Tract ____

Address 1516 Maple Way

Fee Owner Stone Way Concrete Co. Architect ____ Contractor ____

Zoning ____ Condition of Exterior G Interior G Foundation G Floor Plans Good ____ Accept. ✓ Poor ____

**USE** Light Bldg

- 1 No. Stories
- No. Stores
- 1 No. Rooms
- Basement — Unit Sq. Ft.
- No. Offices
- No. Apartmts.
- 1 rm. ☐ 2 rm. ☐ 3 rm.
- 4 rm. ☐ 5 rm. ☐ 6 rm.

**TYPE OF CONSTRUCTION**

- Frame
- Metal-Prefab
- ✓ Ordinary Masonry
- Mill Construction
- Class A Rein. Conc.
- Stru. Steel and Conc.
- Struct. Steel, Frame

or

QUALITY-TYPE C, M,

Good Med. ✓ Cheap

**FOUNDATION**

- ✓ Mud Sill ☐ Post Pier
- Conc. ☐ Brick
- Load Hgt. ☐ Piling

**BASEMENT**

- Full ____ % Part.
- Sub-Basement
- Size ____
- Garage ☐ No. Cars
- Floors ____
- Plastered ☐ Pl. Bd.
- No. Apartments
- Service Rooms

**EXTERIOR WALL CONST.**

- Single ☐ Double
- Stud Walls
- Brick ____ Pil. ☐
- Conc. ____ Pil. ☐
- Rein. Conc. Skeleton
- Str. Stl.-Frame
- Pre-Fab Metal
- Tilt-Up
- ____ Filler Wall
- ____ Curtain Wall

**EXTERIOR FACING**

- Siding
- Stucco ____ Shakes
- Marblecrete
- Brick ☐ Veneer
- Conc. ☒ Conc. Blk.

**FLOOR CONSTRUCTION**

Joist ____ x ____ x ____ O.C.

- Mill ____ Cor Deck
- ✓ R-Conc. ____ Elev.
- Steel ____ GLB.

or

**ROOF COVERING**

- ✓ Bit.-Up ____ Tar & Gr.
- Comp. ____ Metal

or

**ROOF CONSTRUCTION**

- Frame-Joist ____
- ✓ Mill-Deck ____
- Rein. Conc. ____ GLB
- Steel Fr. ____ Metal Deck
- Trusses ____ Span
- Wood ____ Steel

**FLOOR FINISHES**

- Flr ☐ Maple
- Oak ☐ 2x6TG
- Lino ☐ 3x6TG
- ✓ Cement ☐ Lgtwgt. Conc.
- Terrazzo
- Asphalt Tile ☐ Vinyl Tile

or

☐ Tile ☐ Lino ☐ Form.

- Bath Floor
- Bath Walls
- Tub Recess
- Drain Bds.
- Vanities

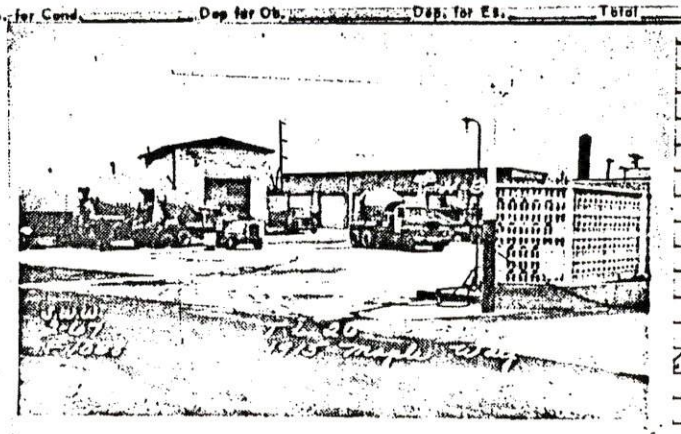
**PLUMBING** None

- No. Fixtures
- Toilets ____ Urinals
- Tubs Leg. or Pem.
- Basins ____ Dr. Fins.
- Sinks
- Washers ____ Dryers
- Showers (tub) (stall)
- H.W. Tanks ____ Ldy. Trays
- D-Washers ____ Disposals
- Sprinkler Sys.

Date Built 1966 Date Add. Built ____ ✓ Finished ☐ Unfinished ☐ Remodeled

Effective Age ____ Years Future Life ____ Years

Dep. for Cond. ____ Dep for Ob. ____ Dep. for Es. ____ Total ____



**HEATING** None

- Elec. ____ Oil ____ Gas
- H.W. ____ St. ____ H.A.
- B.Bd. ____ Suspended
- FHA ____ Pipeless
- A. Cond. ____ Wall Unit
- Comb. Unit ____ Custom
- Refrig. ____ Convector
- Heat Pump ____ Fireplace

| YEAR | ASSESSED VALUE |
|---|---|
| 68 | 1900 Tank |
| | 3800 =50% |

**MISC. TANKS, Etc.**

HOISTS: Elec. Hydr.

1 Hoist + Heavy Duty

2 Air

**ELEVATORS**

- Pass. ____ Frght
- Auto. ____ Elec.
- Man. ____ Hydr.

Doors-Auto ____ Man. ____

Escalators

Stops ____ Speed

Cap'y. ____

**DOCKS AND PIERS**

- Hvy. ____ Med. ____ Lgt.
- Untrtd. Pile Tmbr.
- Conc. Piles & Bms.
- Trtd. Pile Tmbr.
- Paved
- Dolphins

Deck

**WIRING**

- Knob & Tube
- Flex. Cable
- ✓ Conduit
- ✓ Pwr. Wiring
- Range Wiring
- ____ Outlets

**INTERIOR WALLS & CEILING**

| | |
|---|---|
| Stud | Wood / Metal |
| Plaster | Dry Wall |
| Acc. Tile | Celotex |
| Ceiled | Plywood |
| Solid | ✓ Block |
| Sound Proofed | Lamin. |
| Finished | ✓ Unfinished |
| Painted | Varnished |

**INSULATION**

- Exter. ____ Partitions
- Roof ____ Floor

**INTERIOR TRIM**

- ✓ Fir ____ Birch
- Mah. ____ Oak
- Metal
- ✓ Wood ____ Metal Doors
- Wood ____ Metal Sash
- Stained ____ Varnish
- Painted ____ Unfin.

| | C. Hgt. |
|---|---|
| SB | |
| B | |
| 1 | 24 |
| 2 | |
| 3 | |
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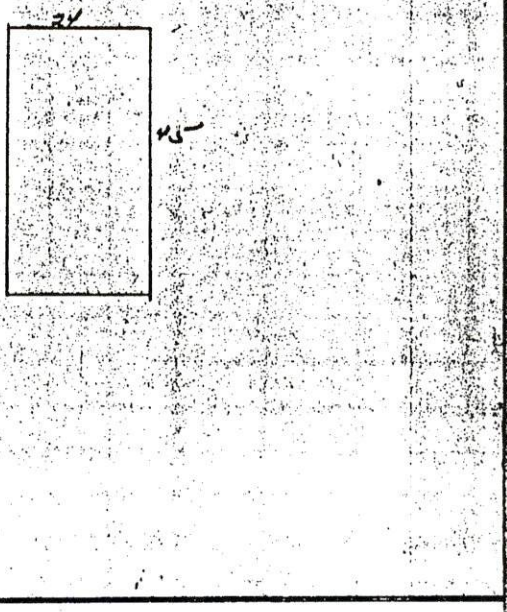
| 18 | |
| 19 | |
| 20 | |
| 21 | |
| 22 | |
| 23 | |
| 24 | |
| 25 | |
| 26 | |

GROUND FLOOR AREA 1080

TOTAL FLOOR AREA 1080



FOLIO Renton #1068

PERMIT NO. 5571

DATE 12/16/59

ADDITION Tax Lots

Section 17 Twp. 23 Range 5 Ewm. Block — Tax Lot 26 Lot or Tract —

Address 1915 - Maple Valley Hiway

Bldg "Y"

Fee Owner Rainier Asphalt Architect

Condition of Exterior Good Interior Good Foundation Good Floor Plan: Good Accept Good

**USE** Shop

- 1 No. Stories
- — No. Stores
- 1 No. Rooms
- — Basement
- — No. Offices
- — No. Apartments
- — 1 rm. — 2 rm. — 3 rm. — 4 rm. — 5 rm. — 6 rm.

**TYPE OF CONSTRUCTION**

- ✓ Frame
- ✓ Single ☐ Double
- — Ordinary Masonry
- — Mill Construction
- — Class A Rein. Con.
- — Stru. Steel and Con.
- — Tile ☐ Brick
- — Con. ☐ Rein. Con.

Good — Med. ✓ Cheap —

**FOUNDATION**

- — Mud Sills
- — Post and Pier
- — Brick
- ✓ Concrete
- — Pile

**BASEMENT**

- — Full ☐ %
- — Sub-Basement
- — Size —
- N Garage ☐ No. Cars
- 0 — Floors
- ✓ Plastered
- — Living Rooms
- — Service Rooms

**EXTERIOR WALL CONST.**

- ✓ Single ☐ Double
- ✓ 2" x 4" Stud Walls
- — 2" x 6" Stud Walls
- — Brick Walls
- — Brick with Pilasters
- — Concrete Walls
- — Con. with Pilasters
- — Tile Walls
- — Rein. Con. Skel.
- — Filler Walls
- — Laminated Walls

**EXTERIOR FACING**

- — Siding ☐ Shingles
- — Shakes ☐ Stucco
- — Brick Veneer
- ✓ Painted Kind
- — Stone ☐ Cast S.
- — Terra Cotta
- — Struc. Glass
- — Trim

**FLOOR CONSTRUCTION**

Joist Con. Size — x —

O.C. — In Bridg ☐

- — Mill Construction
- ✓ Rein. Con.

**ROOF CONSTRUCTION**

- ✓ Frame Lam. ☐
- — Mill Construction
- — Rein. Concrete
- — No. Trusses
- — Wood ☐ Steel

**ROOFING MATERIAL**

- — Tar and Gravel
- Or — Comp.

**FLOOR FINISHES**

- — Fir ☐ Maple
- — Oak ☐ 2"x6" T&G
- ✓ Lino. ☐ 3"x6" T&G
- ✓ Cement
- — Terrazzo
- — Raccolith
- — Tile
- Or —

Tile ☐ Lino.

Tile Total: Baths ☐ Fl. ☐ Walls — Sq. Ft. Floors — Sq. Ft. Walls — Lin. Ft. Dr. Bds.

Lino. Total: Sq. Ft. Floors — Sq. Ft. Walls — Lin. Ft. Dr. Bds.

Kit's ☐ Fl. ☐ Walls

Date Built 1960 ☐ Finished ☐ Unfinished ☐ Remodeled

Effective Age — Years Future Life — Years

Dep. for Cond. — Dep. for Ob. — Dep. for Es. — Total —

REPRODUCTION COST

**PLUMBING** None

- — No. Fixtures
- — Toilets
- — Tub, Leg or Pem.
- — Basins, Ped.
- — Sinks
- — Urinals
- — Showers (Tub) (Stall)
- — Laundry Trays
- — H. W. Tank Fl. Drains ☐
- — Sprink. Sys. No. — Hds.

**HEATING** None

- — Stove
- — Pipeless Furnace
- — Gravity H. A.
- — Air Cond., Fan
- — Suspended Gas, Hot Water
- — Steam Heat
- — Hot Water
- — Oil Burner

| Year | Assessed Value |
|---|---|
| 1961 | 80 |
| 1971 | 1950 M.A. '70 |

Auto. ☐ Elec. — Man. ☐ Hyd. ☐ Man.

Untreated — Treated Piles only — Average Length — Paved

Knob & Tube — ✓ Flex. Cable Conduit — Power Wiring — Range Wiring — No. Outlets

Hoists: Elec. — Hyd. —

**INTERIOR WALLS**

- — Stud and Plaster
- — Lam. ☐ Plastered
- — Plywood
- — Ceiled
- — Plaster Board
- — Painted
- — Stain ☐ Varnish
- — Kalsomine
- — Whitewashed
- ✓ Unfinished

**INTERIOR TRIM**

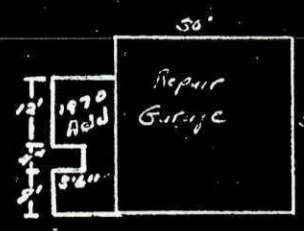
- — Fir
- — Mah. ☐ Oak
- — Metal
- — Wood Doors
- — Wood Windows
- — Stained
- — Varnished
- — Painted
- ✓ Unfinished

**C. H.**

B — 1 — 16" — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10 — 11 — 12 — 13 — 14 — 15 — 16 — 17 — 18 — 19 — 20 — 21 — 22

**GROUND FLOOR AREA** Sp 1118

**TOTAL FLOOR AREA**




| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

FOLIO R4C 1068

PERMIT NO 4

DATE 3-25-57

ADDITION TAX LOT

Section SE 17 Twp. 2 3 Range 5 Ewm. Block

Tax Lot 26

Address 1915 MAPLE VALLEY HY.

Blk 1-A

Fee Owner CASCADE SAND & GRAVEL Architect

Condition of Exterior G Interior G Foundation G Floor Plan: Good Accept X Good

**USE** DRYING KILN

1 No. Stories
1 No. Stores
4 No. Rooms
Basement
No. Offices
No. Apartments
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

Frame
Single Double
X Ordinary Masonry
Mill Construction
1 Class A Rein. Con. ROOF
Y Stru. Steel and Con. WALLS
Tile Brick
Con. Rein. Con.
Good Med. X Cheap

**FOUNDATION**

Mud Sills
Post and Pier
Brick
X Concrete
Pile

**BASEMENT**

Full % 5
Sub-Basement
Size
Garage No. Cars
Floors
Plastered
Living Rooms
Service Rooms

**EXTERIOR WALL CONST.**

Single Double
2" x 4" Stud Walls
2" x 6" Stud Walls
Brick Walls
Brick with Pilasters
Concrete Walls
Con. with Pilasters
Tile Walls
1 Rein. Con. Skel. WALLS
Con. Panel Filler Walls
Laminated Walls

**EXTERIOR FACING**

Siding Shingles
Shakes Stucco
Brick Veneer
2 SM Imit. Kind
Stone Cast S.
Terra Cotta
Struc. Glass
1 Painted FOR Trim

**FLOOR CONSTRUCTION**

Joist Con. Size x
O.C. In Bridg.
Mill Construction
1 Rein. Con. SLAB

**ROOF CONSTRUCTION**

Frame Lam.
Mill Construction
X Rein. Concrete
No. Trusses
Wood Steel

**ROOFING MATERIAL**

Tar and Gravel
Or CON C

**FLOOR FINISHES**

Fir Maple
Oak 2"x6" T&G
Lino. 3"x6" T&G
X Cement
Terrazzo
Raccolith
Tile
Or

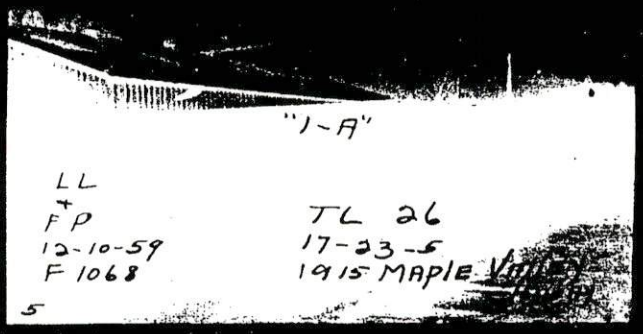
Tile Lino.
Baths Fl. Walls
Tile Total: Sq. Ft. Floors, Sq. Ft. Walls, Lin. Ft. Dr. Bds.
Lino. Total: Sq. Ft. Floors, Sq. Ft. Walls, Lin. Ft. Dr. Bds.
Kit's Fl. Walls

**PLUMBING**

No. Fixtures
Toilets
Tub, Leg or Pem.
Basins, Ped.
Sinks
Urinals
Showers (Tub) (Stall)
Laundry Trays
H. W. Tank Fl. Drains
Sprink. Sys. No. Hds.

Date Built 19[illegible] Finished Unfinished Remodeled
Effective Age Years Future Life Years
Dep. for Cond. Dep. for Ob. Dep. for Es. Total

**REPRODUCTION COST** Factor Make-Up




**HEATING**

Stove
Pipeless Furnace
Gravity H. A.
Air Cond., Fan
Suspended Gas, Hot Water
Steam Heat
Hot Water
Oil Burner

| Year | Assessed Value |
|---|---|
| [illegible] | 172 [illegible] |

Auto. Elec. Untreated Flex. Cable
Man. Hyd. Treated Piles only Conduit
Man. Average Length Power Wiring
Paved Range Wiring
Hoists: Elec. Hyd. No. Outlets

**INTERIOR WALLS**

Stud and Plaster
Lam. Plastered
Plywood
Coiled
Plaster Board
Painted
Stain Varnish
Kalsomine
Whitewashed
X Unfinished
1 PUMICE

**INTERIOR TRIM**

Fir
Mah. Oak
Metal
X METAL Doors
Windows
Stained
Varnished
Painted
Unfinished

**C. H.**

B
1 10'
2
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16
17
18
19
20
21
22

**GROUND FLOOR AREA**

**TOTAL FLOOR AREA**

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |

SM 1-58

FOLIO [illegible] 1065

ADDITION TAX LOT

Section 17 Twp. 23 Range 5 Ewm

Tax Lot 26

PERMIT NO [redacted]

DATE

Address 1915 MAPLE VALLEY HY

BLDG B

warehouse

Fee Owner [redacted] SAND & GRAVEL Co Architect

Condition of Exterior N Interior M Foundation N Floor Plan: Good Accept Y Good

**USE** [illegible] STG

1 No. Stories
No. Stores
2 No. Rooms
Basement
No. Offices
No. Apartments
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

X Frame
1 Single Double
Ordinary Masonry
Mill Construction
Class A Rein. Con.
Stru. Steel and Con.
Tile Brick
Con. Rein. Con.
Good Med 1 Cheap

**FOUNDATION**

Mud Sills
Post and Pier
Brick
X Concrete
Pile

**BASEMENT**

Full %
Sub-Basement
Size
Garage No. Cars
Floors
Plastered
Living Rooms
Service Rooms

**EXTERIOR WALL CONST.**

Single Double
X 2" x 4" Stud Walls
2" x 6" Stud Walls
Brick Walls
Brick with Pilasters
X Concrete Walls
Con. with Pilasters
Y Tile Walls
Rein. Con. Skel.
Filler Walls
Laminated Walls

**EXTERIOR FACING**

Siding Shingles
Shakes Stucco
Brick Veneer
Kind
Stone Cast S.
Terra Cotta
Struc. Glass
1 G I Trim

**FLOOR CONSTRUCTION**

Joist Con. Size
O.C. In Bridg.
Mill Construction
1 Rein. Con. SLAB

**ROOF CONSTRUCTION**

Y Frame Lam.
Mill Construction
Rein. Concrete
No. Trusses
Wood X Steel

**ROOFING MATERIAL**

Tar and Gravel
Or G I

**FLOOR FINISHES**

Fir Maple
Oak 2"x6" T&G
Lino. 3"x6" T&G
X Cement
Terrazzo
Racolith
Tile
Or

Tile Lino.

Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Kit's Fl. Walls

**PLUMBING**

No. Fixtures
Toilets
Tub, Leg or Pem.
Basins, Ped.
Sinks
Urinals
Showers (Tub) (Stall)
Laundry Trays
H. W. Tank Fl. Drains
Sprink. Sys. No. Hds.

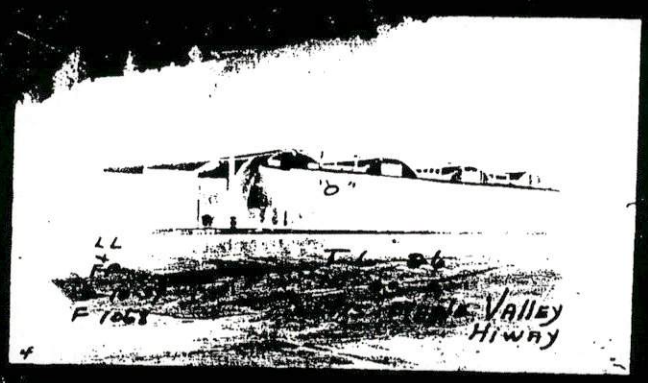
**HEATING**

Stove
Pipeless Furnace
Gravity H. A.
Air Cond., Fan
Suspended Gas, Hot Water
Steam Heat
Hot Water
Oil Burner

| Year | Assessed Value |
|---|---|
| | |
| | 1500 |

Date Built 1946 X Finished Unfinished X Remodeled

Effective Age Years Future Life Years




Pass. Freight Auto. Elec. Man. Hyd. Man.

Hoists: Elec. Hyd.

Treated Piles, Timb
Untreated
Treated Piles only
Average Length
Paved

Knob & Tube
Flex. Cable
1 Conduit
Power Wiring
Range Wiring
No. Outlets

**INTERIOR WALLS**

1 Stud and Plaster
Lath. Plastered
Plywood
Ceiled
Plaster Board
Painted
Stain Varnish
Kalsomine
Y Whitewashed
Unfinished
1 METAL

**INTERIOR TRIM**

Fir
Mah. Oak
Metal
Y WOOD & METAL Doors
X METAL Windows
Stained
Varnished
Painted
Y Unfinished

| C. H. | |
|---|---|
| | |
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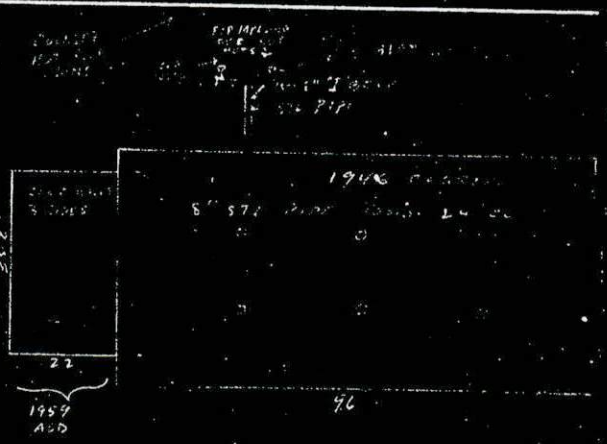
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |
| 21 | |
| 22 | |

GROUND FLOOR AREA 936

TOTAL FLOOR AREA 936




| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

SM 1-59

FOLIO Renton 1068 | ADDITION TAX LOT | Section 17 Twp. 23 Range 5 Ewm. Block | Tax Lot 26 Tract | Lot or

PERMIT NO.

DATE | Address 1915 Maple Valley Hiway

Fee Owner Stanaway Sand & Gravel Architect

Condition of Exterior Interior Foundation Floor Plan: Good Accept. Good

**USE** Cover Floor

- No. Stories
- No. Stores
- No. Rooms
- Basement
- No. Offices
- No. Apartments
- 1 rm. 2 rm. 3 rm. 4 rm. 5 rm. 6 rm.

**TYPE OF CONSTAUCTION**

- Frame
- Single Double
- Ordinary Masonry
- Mill Construction
- Class A Rein. Con.
- Stru. Steel and Con.
- Tile Brick
- Con. Rein. Con.

Good Med. Cheap

**FOUNDATION**

- Mud Sills
- Post and Pier
- Brick
- Concrete
- Pile

**BASEMENT**

- Full Cu
- Sub-Basement
- Size
- Garage No. Cars
- Floors
- Plastered
- Living Rooms
- Service Rooms

**EXTERIOR WALL CONST.**

- Single Double
- 2" x 4" Stud Walls
- 2" x 6" Stud Walls
- Brick Walls
- Brick with Pilasters
- Concrete Walls
- Con. with Pilasters
- Tile Walls
- Rein. Con. Skel.
- Filler Walls
- Laminated Walls

**EXTERIOR FACING**

- Siding Shingles
- Shakes Stucco
- Brick Veneer
- Kind
- Stone Cast S.
- Terra Cotta
- Struc. Glass
- Trim

**FLOOR CONSTRUCTION**

Joist Con. Size
O.C. In Bridg.

- Mill Construction
- Rein. Con.

**ROOF CONSTRUCTION**

- Frame Lam.
- Mill Construction
- Rein. Concrete
- No. Trusses
- Wood Steel

**ROOFING MATERIAL**

- Tar and Gravel

Or

**FLOOR FINISHES**

- Fir Maple
- Oak 2"x6" T&G
- Lino. 3"x6" T&G
- Cement
- Terrazzo
- Racolith
- Tile

Or

Tile Lino.

Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Kit's Fl. Walls

**PLUMBING**

- No. Fixtures
- Toilets
- Tub, Leg or Pem.
- Basins, Ped.
- Sinks
- Urinals
- Showers (Tub) (Stall)
- Laundry Trays
- H. W. Tank Fl. Drains
- Sprink. Sys. No. Hds.

**HEATING**

- Stove
- Pipeless Furnace
- Gravity H. A.
- Air Cond., Fan
- Suspended Gas. Hot Water
- Steam Heat
- Hot Water
- Oil Burner

| Year | Assessed Value |
|---|---|
| 1962 | 2200 |
| | 176 [illegible] |

Date Built 1954-57 ☒ Finished ☐ Unfinished ☐ Remodeled

Effective Age Years Future Life Years

Dep. for Cond. Dep. for Ob. Dep. for Es. Total 52

**REPRODUCTION COST** Factor Make-Up

| Factor | Plus or Minus | Dimensions | S. F. Area | Factor | Cost |
|---|---|---|---|---|---|
| | 1954 | Approx | 446 Cu yds | | |
| | 1955 | " | 735 " | | |
| | 1955 | " | 358 " | | |
| | to Apr 30, 1957 | " | 325 " | | |
| | | Pch. x | 1864 " | 10.00 | 18,640 |
| | | Pch. x | | | |

Total
Less Depreciation 932
Total 17708
Other Buildings
Total Value (Full)
Assessed Valuation 50% 8854

**TANKS, ETC., LIST**

Hoists: Elec. Hyd.

**ELEVATORS**

- Pass. Freight
- Auto. Elec.
- Man. Hyd.
- Man.

**DOCKS AND PIERS**

- Treated Piles, Timb
- Untreated
- Treated Piles only
- Average Length
- Paved

**WIRING**

- Knob & Tube
- Flex. Cable
- Conduit
- Power Wiring
- Range Wiring
- No. Outlets

**INTERIOR WALLS**

- Stud and Plaster
- Lam. Plastered
- Plywood
- Ceiled
- Plaster Board
- Painted
- Stain Varnish
- Kalsomine
- Whitewashed
- Unfinished

**INTERIOR TRIM**

- Fir
- Mah. Oak
- Metal
- Doors
- Windows
- Stained
- Varnished
- Painted
- Unfinished

**C. H.**

B 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

**GROUND FLOOR AREA**

**TOTAL FLOOR AREA**

No Pic

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Renton

FOLIO 1068

PERMIT NO. 2406

DATE

ADDITION Tax Lots

Section 17 Twp. 23 Range 5 Ewm. Block Tax Lot 26 Lot or Tract

Address 1915 Maple Valley Hiway

Blelly #1

Fee Owner Stoneway Sand + Gravel Co Architect

Condition of Exterior G Interior G Foundation G Floor Plan: Good Accept

**USE** MFG.

1 No. Stories
No. Stores
1 No. Rooms
Basement
No. Offices
No. Apartments
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

~~Frame~~ Butler Prefab
Single Bldg.
Ordinary Masonry
Mill Construction
Class A Rein. Con.
X Stru. Steel ~~and Con.~~
Tile Brick
Con. Rein. Con.
Good Med. Cheap

**FOUNDATION**

Mud Sills
Post and Pier
Brick
X Concrete
Pile

**BASEMENT**

Full %
Sub-Basement
Size
Garage No. Cars
Floors
Plastered
Living Rooms
Service Rooms

**EXTERIOR WALL CONST.**

Single Double
2" x 4" Stud Walls
2" x 6" Stud Walls
Brick Walls
Brick with Pilasters
Concrete Walls
Con. with Pilasters
Tile Walls
Rein. Con. Skel.
Filler Walls
Laminated Walls

**EXTERIOR FACING**

Siding Shingles
Shakes Stucco
Brick Veneer
1 Cal. S.M. Kind
Stone Cast S.
Terra Cotta
Struc. Glass
Trim

**FLOOR CONSTRUCTION**

Joist Con. Size
O.C. In Bridg
Mill Construction
X Rein. Con.

**ROOF CONSTRUCTION**

Frame Lam.
Mill Construction
Rein. Concrete Prefab Bldgs
No. Trusses
Wood X Steel

**ROOFING MATERIAL**

Tar and Gravel
Or 1 Cal. S.M.

**FLOOR FINISHES**

Fir Maple
Oak 2"x6" T&G
Lino. 1 3"x6" T&G
Cement
Terrazzo
Raccolith
Tile
Or

Tile Lino.
Baths Fl. Walls
Tile Total Sq. Ft. Floors
Sq. Ft. Walls
Lin. Ft. Dr. Bds.
Lino. Total Sq. Ft. Floors
Sq. Ft. Walls
Lin. Ft. Dr. Bds.
Kit's Fl. Walls

**PLUMBING** None

No. Fixtures
Toilets
Tub, Leg or Pem.
Basins, Ped.
Sinks
Urinals
Showers (Tub) (Stall)
Laundry Trays
H. W. Tank Fl. Drains
Sprink. Sys. No. Hds.

**HEATING** None

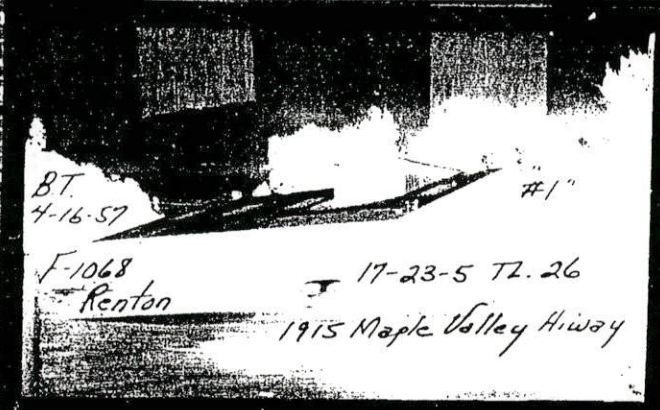
Stove
Pipeless Furnace
Gravity H. A.
Air Cond., Fan
Suspended Gas. Hot Water
Steam Heat
Hot Water
Oil Burner

| Year | Assessed Value |
|---|---|
| 1957 | |

Date Built 1957 X Finished April '57 Unfinished Remodeled

Effective Age Years Future Life Years

Dep. for Cond. Dep. for Ob. Dep. for Ec. Total




Pass. Freight
Auto. Elec.
Man. Hyd.
Man.

Hoists: Elec. Hyd.

Treated Piles, Timb
Untreated
Treated Piles only
Average Length
Paved

Knob & Tube
Flex. Cable
1 Conduit
1 Power Wiring
Range Wiring
No. Outlets

**INTERIOR WALLS**

X Stud and Plaster
Lam. Plastered
Plywood
Ceiled
Plaster Board
Painted
Stain Varnish
Kalsomine
Whitewashed
X Unfinished

**INTERIOR TRIM**

Fir
Mah. Oak
Metal
Doors
Windows
Stained
Varnished
Painted
X Unfinished

**C. H.**

15
1 16
2
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16
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21
22

**GROUND FLOOR AREA** 9800

**TOTAL FLOOR AREA**

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

RENTON

FOLIO 1068

ADDITION TAX LOT

Section 17 Twp. 23 Range 5 Ewm. Block Tax Lot 26

PERMIT NO. 2470

DATE Dec '56

Address 1915 Maple Valley Hiway Bldg. #2

weld/capsule shop

Fee Owner Stoneway Sand & Gravel Architect

Condition of Exterior G Interior G Foundation C Floor Plan: Good Accept Good

**USE** SEPTIC TANK

1½ No. Stories CMSTNG
4 No. Stores
No. Rooms
Basement
2 No. Offices
No. Apartments
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

X Frame 16×3½
Single Double
X Ordinary Masonry 16×3½
Mill Construction
Class A Rein. Con.
PAL Stru. Steel and Con.
Tile Brick
Con. Rein. Con.
Good X Med. X Cheap

**FOUNDATION**

Mud Sills
Post and Pier
Brick
X Concrete
Pile

**BASEMENT**

Full %
Sub-Basement
Size
Garage No. Cars
Floors
Plastered
Living Rooms
Service Rooms

**EXTERIOR WALL CONST.**

Single Double
X 2" x 4" Stud Walls
2" x 6" Stud Walls
Brick Walls
Brick with Pilasters
X Concrete Walls 12"
Con. with Pilasters
Tile Walls
Rein. Con. Skel.
Filler Walls
Laminated Walls

**EXTERIOR FACING**

X 16×3½ Siding Shingles
Shakes Stucco
Brick Veneer
Conc. Blk. 16×3½ Kind
Stone Cast S.
Terra Cotta
Struc. Glass
Trim

**FLOOR CONSTRUCTION**

Joist Con. Size 2×4
O.C. 24" In Brdg. Fl.
Mill Construction
X Rein. Con. Roof

**ROOF CONSTRUCTION**

X 1959 Add Frame Lam.
2x8 - 2 OC
Mill Construction
Rein. Concrete
No. Trusses
Wood Pref. Steel

**ROOFING MATERIAL**

Tar and Gravel
Or Corr. Asbestos

**FLOOR FINISHES**

Fir Maple
Oak 2"x6" T&G
Lino. 3"x6" T&G
X Cement
Terrazzo
Raccolith
Asph Tile
Or

**Tile Lino.**

Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.
Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.
Kit's Fl. Walls

**PLUMBING**

No. Fixtures
Add Toilets
Tub, Leg or Pem.
Basins, Ped.
Sinks
Urinals
Showers (Tub) (Stall)
Laundry Trays
H. W. Tank Fl. Drains
Sprink. Sys. Hds.

**HEATING**

2 Space Heat Stove
Pipeless Furnace
Gravity H. A.
Air Cond., Fan
Suspended Gas. Hot Water
Steam Heat
Hot Water
Oil Burner

Date Built 1957 Apr 57 Finished Unfinished X 1959 Remodel Add.
Effective Age Years Future Life Years
Dep. for Cond. Dep. for Ob. Dep. for F. Total

Hoists: Elec. Hyd.

Auto. Elec.
Man. Hyd.
Man.

Treated Piles, Timber
Untreated
Treated Piles only
Average Length
Paved

Knob & Tube
Flex. Cable
X Conduit
X Power Wiring
Range Wiring
No. Outlets

| Year | Assessed Value |
|---|---|
| 1969 | 3850 - [illegible] |
| 61 | 4900 |
| 1971 | 9,550 JAN '69 |

**INTERIOR WALLS**

Stud and Plaster
Lam. Plastered
Plywood
Ceiled
2 Plaster Board
2 Painted
Stain Varnish
Kalsomine
Whitewashed
2 Unfinished Blks 3'

**INTERIOR TRIM**

2 Fir
Mah. Oak
Metal
Wood Doors
Metal Windows
Stained
Varnished
2 Painted
Unfinished

C. H.

B 1 54 16
2 44 8
3 WW 116
4
5
6 1269 254.1 DCC 12" C.M. 2nd FR.
7 Add 3½
8
9 WW 10 100
10 80
11
12
13
14
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19
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21
22

Roof over Asphalt Tile
Roof only 29' 16'

GROUND FLOOR AREA 4118

TOTAL FLOOR AREA 4622

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Depree. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |

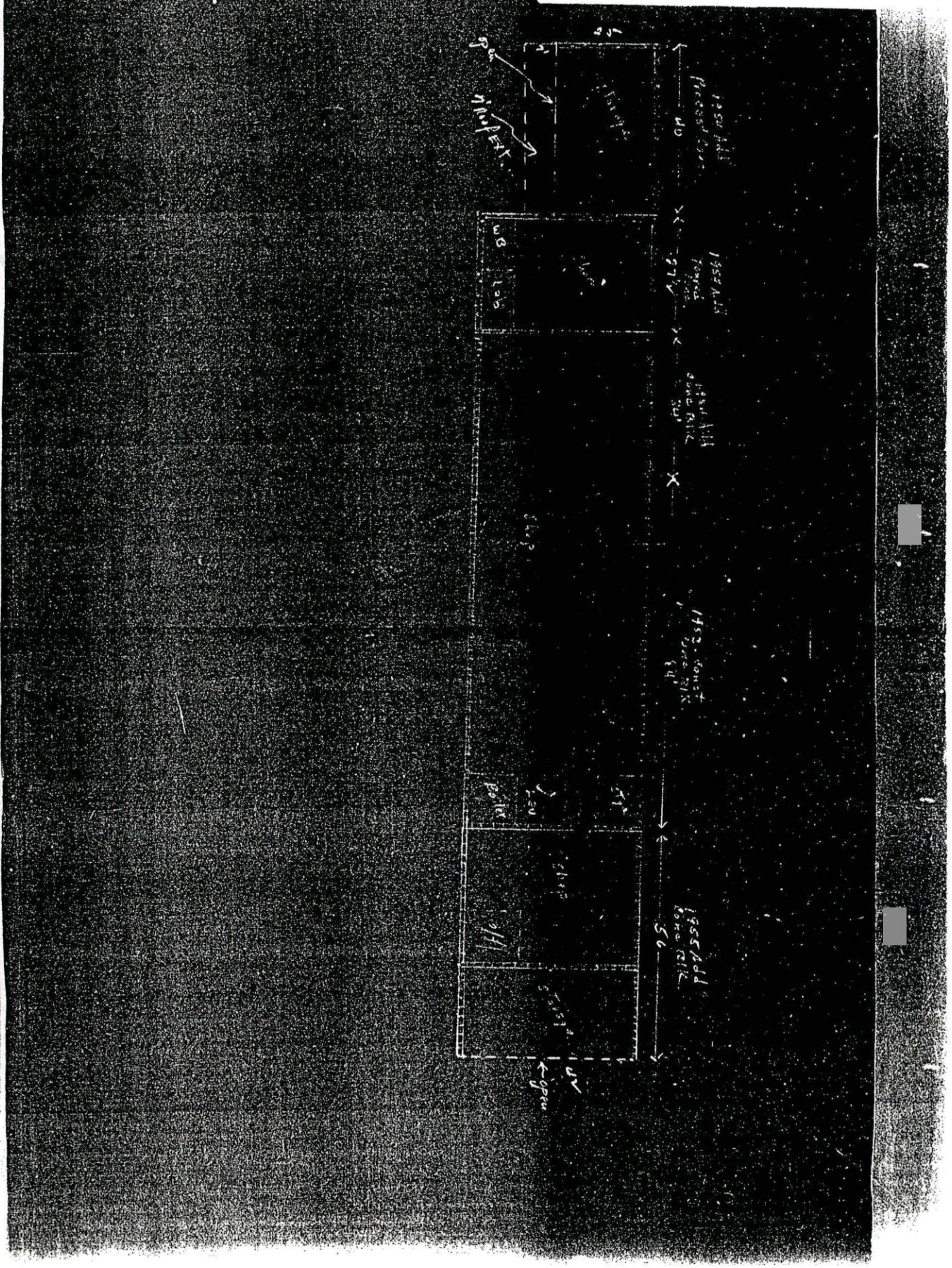
Section 17 Twp. 2 S Range 5 E W.M. Block

Permit No. TL 26

DATE

Fee Owner Stoneway Sand + Gravel Address of Prop

Supl. sheet Bldg "D"


N
100 FEET
Asphalt
Asphalt
Asphalt

FOLIO 1068

ADDITION Tax Lots

Section 17 Twp. 23 Range 5 Ewm Block Tract Lot 16

PERMIT No. 3030

DATE 12-12-51

Stoneway Dock Co.
Renton

Boston Plants

Fee Owner

Condition of Exterior Good Interior Foundation Good

**USE** Conc. Mix Plant

No. Stories
No. Stores
No. Rooms
Basement
No. Offices
No. Apartments
1 rm. ☐ 2 rm. ☐ 3 rm. ☐
4 rm. ☐ 5 rm. ☐ 6 rm. ☐

**TYPE OF CONSTRUCTION**

Frame
Single ☐ Double
Ordinary Masonry
Mill Construction
Class A Rein. Con.
X Stru. Steel and Con.
Tile ☐ Brick ☐
Con. ☐ Rein. Con. ☐
Good Med. Cheap

**FOUNDATION**

Mud Sills
Post and Pier
Brick
X Concrete
Pile

**BASEMENT**

Full ☐ %
Sub-Basement
Size x
Garage ☐ No. Cars
Floors
Plastered
Living Rooms
Service Rooms

**ROOF CONSTRUCTION**

Frame Lam. ☐
Mill Construction
Rein. Concrete
No. Trusses
Wood ☐ Steel ☐

**ROOFING MATERIAL**

Tar and Gravel
Or.

**FLOOR FINISHES**

Fir ☐ Maple ☐
Oak ☐ 2" x 6" T&G ☐
Lino. ☐ 3" x 6" T&G ☐
Cement
Terrazzo
Rascolith
Tile
Or.

Tile Total
Baths ☐ Fl. ☐ Walls
Sq. Ft. Floors
Sq. Ft. Walls
Lin. Ft. Dr. Bds.

Lino. Total
Sq. Ft. Floors
Sq. Ft. Walls
Lin. Ft. Dr. Bds.
Kit's. ☐ Fl. ☐ Walls

**PLUMBING**

No. Fixtures
Toilets
Tubs, Leg or Pem.
Basins, Ped.
Sinks
Urinals
Showers (Tub) (Stall)
Laundry Trays
H.W. Tank Fl. Drains ☐
Sprink. Sys. No. Hds.

Date Built 1953 ☐ Finished ☐ Unfinished ☐ Remodeled

Effective Age Years Future Life Years

Dep. for Cond. Dep. for Ob. Dep. for Ec. Total

Other Buildings $
Total $
Assessed Value 50% $
Sup. Building A. V. $
Total $

**HEATING**

Stove
Pipeless Furnace
Gravity H. A.
Air Cond., Fan
Arcola
1-Pipe Steam
2-Pipe St. or Vapor
Hot Water
Oil Burner
Coal Stoker

**WIRING**

Knobe & Tube
Flex Cable
Conduit
X Power Wiring
Range Wiring
No. Outlets

**ELEVATORS**

Pass. ☐ Freight ☐
Auto. ☐ Elec. ☐
Man. ☐ Hyd. ☐
Man. ☐

1000

**EXTERIOR WALL CONSTR.**

Single ☐ Double ☐
2" x 4" Stud Walls
2" x 6" Stud Walls
Brick Walls
Brick With Pilasters
Concrete Walls
Con. With Pilasters
Tile Walls
Rein. Con. Skel.
Filler Walls
Laminated Walls

**EXTERIOR FACING**

Siding ☐ Shingles ☐
Shakes ☐ Stucco ☐
Brick Veneer
Kind
Stone ☐ Cast S. ☐
Terra Cotta
Struct. Glass
Trim

**FLOOR CONSTRUCTION**

Joint Con. Size x
O. C. In Bridg. ☐
Mill Construction
Rein. Con.

**INTERIOR WALLS**

Stud and Plaster
Lam. ☐ Plastered ☐
Ply Wood
Ceiled
Plaster Board
Painted
Stain ☐ Varnish ☐
Kalsomine
Whitewashed
Unfinished

**INTERIOR TRIM**

Fir
Mah. ☐ Oak ☐
Metal
Doors
Windows
Stained
Varnished
Painted
Unfinished

**GAS STATIONS**

Frame
Metal
Masonry
Plastered or Ceiled
Floors

**SERVICE BUILDING**

Frame
Metal
Masonry
Plastered or Ceiled
Floor

**TANKS, ETC., LIST**

Hoists: Elect. Hyd.

**DOCKS AND PIERS**

Treated Piles and Timbers
Untreated
Treated Piles only
Average Length
Paved

**C.H.**

S. B.
B
1
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**GROUND FLOOR AREA**

**TOTAL FLOOR AREA**

see pic.

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S.F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

RE/SW

FOLIO 11E3

PERMIT NO. 2770

DATE Dec '56

ADDITION TAX LOT

Section 17 Twp. 23 Range 5 Ewm. Block — Tax Lot 26 Lot or Tract —

Address 1915 Hope Valley Hiway Bldg #2

Fee Owner Stoneway Sa

Condition of Exterior G

USE SEPTIC TANK

| | |
|---|---|
| 1½ | No. Stories CASTING |
| | No. Stores |
| 1 | No. Rooms |
| | Basement |
| 2 | No. Offices |
| | No. Apartments |
| | 1 rm. ☐ 2 rm. ☐ 3 rm. |
| | 4 rm. ☐ 5 rm. ☐ 6 rm. |

TYPE OF CONSTRUCTION

| | |
|---|---|
| X | Frame 10 x 3 1/2 |
| | Single ☐ Double |
| X | Ordinary Masonry 10 x 3 1/2 |
| | Mill Construction |
| | Class A Rein. Con. |
| | Stru. Steel and Conc. |
| | Tile ☐ Brick |
| | Con. ☐ Rein. Con. |

Good — X Med. — X Cheap —

FOUNDATION

| | |
|---|---|
| | Mud Sills |
| | Post and Pier |
| | Brick |
| X | Concrete |
| | Pile |

BASEMENT

| | |
|---|---|
| | Full ☐ % |
| | Sub-Basement |
| | Size |
| | Garage ☐ No. Cars |
| | Floors |
| | Plastered |
| | Living Rooms |
| | Service Rooms |

EXTERIOR WALL CONST.

| | |
|---|---|
| | Single ☐ Double |
| X | 2" x 4" Stud Walls 1st |
| | 2" x 6" Stud Walls |
| | Brick Walls |
| | Brick with Pilasters |
| X | Concrete Walls 1st |
| | Con. with Pilasters |
| | Tile Walls |
| | Rein. Con. Skel. |
| | Filler Walls |
| | Laminated Walls |

EXTERIOR FACING

| | |
|---|---|
| X | Siding ☐ Shingles |
| | Shakes ☐ Stucco |
| | Brick Veneer |
| | Kind |
| | Stone ☐ Cast S. |
| | Terra Cotta |
| | Struc. Glass |
| | Trim |

FLOOR CONSTRUCTION

Joist Con. Size — O.C. — In Bridg. Fl. ☐

| | |
|---|---|
| X | Mill Construction |
| | Rein. Con. 1st |

INTERIOR WALLS

| | |
|---|---|
| | Stud and Plaster |
| | Lam. ☐ Plastered |
| | Plywood |
| | Ceiled |
| 2 | Plaster Board |
| 2 | Painted |
| | Stain ☐ Varnish |
| | Kalsomine |
| | Whitewashed |
| 2 | Unfinished Bldg 31' |

INTERIOR TRIM

| | |
|---|---|
| 2 | Fir |
| | Mah. ☐ Oak |
| | Metal |
| | Doors |
| | Windows |
| | Stained |
| | Varnished |
| 2 | Painted |
| | Unfinished |

REPRODUCTION COST

Total

| | | | | |
|---|---|---|---|---|
| | Auto. ☐ Elec. | | Untreated | Elec. Cable |
| | Man. ☐ Hyd. | | Treated Pile only | Conduit |
| | ☐ Man. | | Average Length | Power Wiring |
| | | | Paved | Range Wiring |
| Hoists: Elec. Hyd. | | | | No. Outlets |

PLUMBING

| | |
|---|---|
| | No. Fixtures |
| | Toilets |
| | Tub, Leg or Porn. |
| | Basins, Ped. |
| | Sinks |
| | Urinals |
| | Showers (Tub, Stall) |
| | Laundry Trays |
| | H. W. Tank Fl. Drains ☐ |
| | Sprink. Sys. No. Hds. |

HEATING

| | |
|---|---|
| | Stove |
| | Pipeless Furnace |
| | Gravity H. A. |
| | Air Cond., Fan |
| | Suspended Gas. Hot Water |
| | Steam Heat |
| | Hot Water |
| | Oil Burner |

| Year | Assessed Value |
|---|---|
| 61 | 4100 |
| 1971 | 9,550 JWW '69 |

C. H.

B 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

1969 Add

GROUND FLOOR AREA 4118

TOTAL FLOOR AREA 4622

Roof only

29'

16'

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |

M 2-56

FOLIO 1068

ADDITION Taxlots

Sec. 17 Twp. 23 Range 5 Ewm. Block Lot or Tract

PERMIT NO.

Tax Lot 26

DATE

Address 1915 Maple Valley Hiway Renton Bldg D

Truck Shop Building

Fee Owner Stoneway Sand + Gravel Co. Architect

Condition of Exterior G Interior G Foundation G Floor Plan: Good Accept Good

**USE** Shops + Storage

- 1 No. Stories
- No. Stores
- 8 No. Rooms + 2 Apts
- Basement
- No. Offices
- No. Apartments
- 1 rm. 2 rm. 3 rm. 4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

- Frame
- Single Double
- X Ordinary Masonry
- Mill Construction
- Class A Rein. Con.
- Stru. Steel and Con
- Tile Brick
- Con. Rein. Con.

Good Med. X Cheap

**FOUNDATION**

- Mud Sills
- Post and Pier
- Brick
- X Concrete
- Pile

**BASEMENT**

- Full %
- Sub-Basement
- Size
- Garage No. Cars
- Floors
- Plastered
- Living Rooms
- Service Rooms

**EXTERIOR WALL CONST.**

- Single Double
- 2" x 4" Stud Walls
- 2" x 6" Stud Walls
- Brick Walls
- Brick with Pilasters
- X Concrete Walls 8" 10" 12" 15"
- Con. with Pilasters
- Tile Walls
- Rein. Con. Skel.
- Steel Frame Filler Walls
- Laminated Walls

**EXTERIOR FACING**

- Siding Shingles
- Shakes Stucco
- Brick Veneer
- X Concrete Block Kind
- Stone Cast S.
- Terra Cotta
- Struct. Glass
- Trim

**FLOOR CONSTRUCTION**

Joist Con. Size x

O.C. In Bridg.

- Mill Construction
- X Rein. Con.

**ROOF CONSTRUCTION**

- Frame Lam
- X Mill Construction 2"&6" T&G wood purlins
- Rein. Concrete
- No. Trusses I Beam
- Wood X Steel

**ROOFING MATERIAL**

- Tar and Gravel

Or

**FLOOR FINISHES**

- Fir Maple
- Oak 2"x6" T&G
- Lino. 3"x6" T&G
- X Cement
- Terrazzo
- Raccolith
- Tile

Or

Tile Lino.

Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Kit's Fl. Walls

**PLUMBING**

- 2 No. Fixtures
- 3 Toilets
- Tube, Leg or Pem.
- 3 Basins, ~~Ped.~~
- Sinks
- 1 Urinals
- Showers (Tub) (Stall)
- Laundry Trays
- 1 H. W. Tank Fl. Drains
- Sprink. Sys. No. Hds.

**HEATING**

- Stove
- Pipeless Furnace
- Gravity H. A.
- Air Cond., Fan
- Suspended Gas, Hot Water
- Steam Heat
- X Hot Water
- X Oil Burner

Date Built 1952 Finished Unfinished Remodeled 1955

Effecti Years

Future Life Years

| Year | Assessed Value |
|---|---|
| 1951 | 13,4 |
| 1952 | 14,3 |

**TANKS, ETC., LIST**

Hoists: Elec Hyd.

**ELEVATORS**

- Pass. Freight
- Auto. Elec.
- Man. Hyd.
- Man.

**DOCKS AND PIERS**

- Treated Piles, Timb
- Untreated
- Treated Piles only
- Average Length
- Paved

**WIRING**

- Knobs & Tube
- Flex. Cable
- Conduit
- Power Wiring
- Range Wiring
- No. Outlets

**INTERIOR WALLS**

- Stud and Plaster
- Lam. Plastered
- Plywood
- Coiled
- Plaster Board
- Painted
- Stain Varnish
- Kalsomine
- Whitewashed
- X Unfinished

**INTERIOR TRIM**

- Fir
- Mah. Oak
- Metal
- Wood Doors
- Wood Windows
- Stained
- Varnished
- Painted
- X Unfinished

**C. H.**

B 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

1 to 20 See Supplement

**GROUND FLOOR AREA**

**TOTAL FLOOR AREA**

| | Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Garage | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Renton

FOLIO 1068

PERMIT NO.

DATE

ADDITION Taxlots

Section 17 Twp. 23 Range 5 Ewm. Block Tax Lot 226 Lot or Tract

Address 1915 - Maple Valley Hiway Renton

Bldg "R-1"

Fee Owner Stoneway Sand & Gravel Co. Architect

Condition of Exterior G Interior G Foundation G Floor Plan: Good Accept Good

**USE** Batching Plant

No. Stories 1 (Mtn + Compressor Hse)
No. Stores 1
No. Rooms
Basement
No. Offices
No. Apartments
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

Frame
Single Double
Ordinary Masonry
X Mill Construction (Comp. Hse) Class A Rein. Con.
Stru. Steel and Con
Tile Brick
Con. Rein. Con.
Good Med. Cheap

**FOUNDATION**

Mud Sills
Post and Pier
Brick
X Concrete
Pile

**BASEMENT**

Full %
Sub-Basement
Size
Garage No. Cars
Floors
Plastered
Living Rooms
Service Rooms

**ROOF CONSTRUCTION**

Frame Lam
Mill Construction
X Rein. Concrete {Comp. 1/2 4"}
No. Trusses
Wood Steel

**ROOFING MATERIAL**

Tar and Gravel
Or

**FLOOR FINISHES**

Fir Maple
Oak 2"x6" T&G
Lino. 3"x6" T&G
X Cement (Comp. Hse)
Terrazzo
Raccolith
Tile
Or

Tile Lino.
Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.
Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.
Kit's Fl. Walls

**PLUMBING**

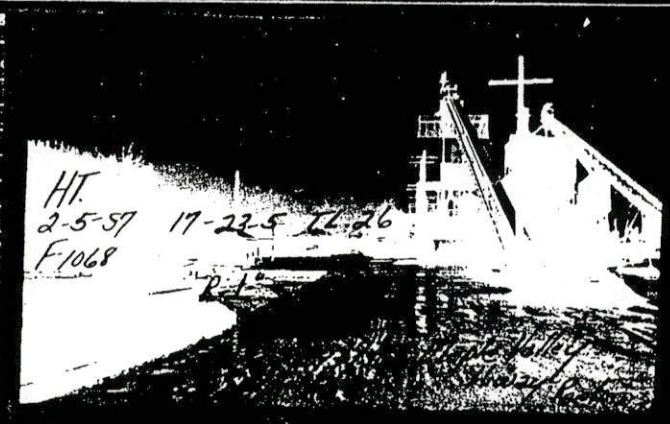
No. Fixtures
Toilets
Tube, Leg or Pem.
Basins, Ped.
Sinks
Urinals
Showers (Tub) (Stall)
Laundry Trays
H. W. Tank Ft. Drains
Sprink. Sys. No. Hds.

**HEATING**

Stove
Pipeless Furnace
Gravity H. A.
Air Cond., Fan
Suspended Gas, Hot Water
Steam Heat
Hot Water
Oil Burner

Date Built 1957 X Finished Unfinished Remodeled
Effective Age Years Future Life Years
Dep. for Cond. Dep. for Ob. Dep. for Ec. Total

RE
Facte
$
3
+




TANI

Pass. Freight
Auto. Elec.
Man. Hyd.
Man.
Hoists: Elec. Hyd.

Untreated
Treated Piles only
Average Length
Paved

Flex. Cable
X Conduit
Power Wiring
Range Wiring
No. Outlets

Year | Assessed Value
2300

**EXTERIOR WALL CONST.**

Single Double
2" x 4" Stud Walls
2" x 6" Stud Walls
Brick Walls
Brick with Pilasters
7 Concrete Walls (Comp. Hse)
Con. with Pilasters
Tile Walls
Rein. Con. Skel.
Filler Walls
Laminated Walls

**EXTERIOR FACING**

Siding Shingles
Shakes Stucco
Brick Veneer
7 Conc. - Comp. Hse Rind
Stone Cast S.
Terra Cotta
Struct. Glass
Trim

**FLOOR CONSTRUCTION**

Joist Con. Size
O.C. In Bridg.
Mill Construction
1 Rein. Con. (Comp. Hse)

**INTERIOR WALLS**

Stud and Plaster
Lam. Plastered
Plywood
Ceiled
Plaster Board
Painted
Stain Varnish
Kalsomine
Whitewashed
X Unfinished
7 Conc. (Comp. Hse)

**INTERIOR TRIM**

Fir
Mah. Oak
Metal
Wood Doors
None Windows
Stained
Varnished
Painted
X Unfinished

C. H.
B
1 6-10
2
3
4
5
0
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

**GROUND FLOOR AREA**

**TOTAL FLOOR AREA**

17'x comp. Hse

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | x | | | $ | | $ | $ |
| | | | | | x | | | $ | | $ | $ |
| | | | | | x | | | $ | | $ | $ |
| | | | | | x | | | $ | | $ | $ |

FOLIO 1068
PERMIT NO.
DATE

ADDITION TAX LOT 26
Section SE 17 Twp 23 Range 5 EWM. Block ____ Lot or ____
Tax Lot 26 Tract ____
Address 1915 MAPLE VALLEY HIWAY
BLDG "T"

Fee Owner STONE WAY SAND + GRAVEL Architect TO RAINIER ASP. CO Contractor ____
Zoning ____ Condition of Exterior G Interior G + F Foundation G Floor Plan: Good ____ Accept. ✓ Poor ____

**USE** OFFICE

| | |
|---|---|
| 2 | No. Stories |
| | No. Stores |
| 6 | No. Rooms |
| | Basement |
| | No. Offices |
| | No. Apartmts. |
| | 1 rm. ☐ 2 rm. ☐ 3 rm. |
| | 4 rm. ☐ 5 rm. ☐ 6 rm. |

Unit Sq. Ft. ____

**ROOF CONSTRUCTION**

| | |
|---|---|
| | Frame-Joist |
| | Mill-Deck |
| | Rein. Conc. ____ GLB |
| | Steel Fr. ____ Metal Deck |
| | Trusses ____ Span |
| | Wood ____ Steel |

**FLOOR FINISHES**

| | | | |
|---|---|---|---|
| | Flr | ☐ | Maple |
| | Oak | ☐ | 2x6TG |
| | Lino | ☐ | 3x6TG |
| | Cement | ☐ | Lgtwgt Conc. |
| | Terrazzo | | |
| ✓ | Asphalt Tile | ☐ | Vinyl Tile |

or 2ND W to W.

| ☐ Tile | ☐ Lino | ☐ Form. |
|---|---|---|
| | Bath Floor | |
| | Bath Walls | |
| | Tub Recess | |
| | Drain Bds. | |
| | Vanities | |

**PLUMBING**

| | |
|---|---|
| 7 | No. Fixtures |
| 2 | Toilets ____ Urinals |
| | Tubs Leg. or Pem. |
| 2 | Basins ____ Dr. Fins. |
| 1 | Sinks |
| | Washers ____ Dryers |
| 1 | Showers (tub) (stall) |
| 1 | H.W. Tanks ____ Ldy. Trays |
| | D. Washers ____ Disposals |
| | |
| | Sprinkler Sys. |

Date Built 1931 Date Add. Built 68 ✓ Finished ☐ Unfinished ☐ Remodeled
Effective Age ____ Years Future Life ____ Years
Dep. for Cond. ____ Dep. for Ob. ____ Dep. for Fn. ____ Total ____

**TYPE OF CONSTRUCTION**

| | |
|---|---|
| ✓ | Frame |
| | Metal-Prefab |
| | Ordinary Mas |
| | Mill Constru |
| | Class A Rei |
| | Stru. Steel a |
| | Struct. Steel |

or

QUALITY-TY
Good ✓ Med. ____

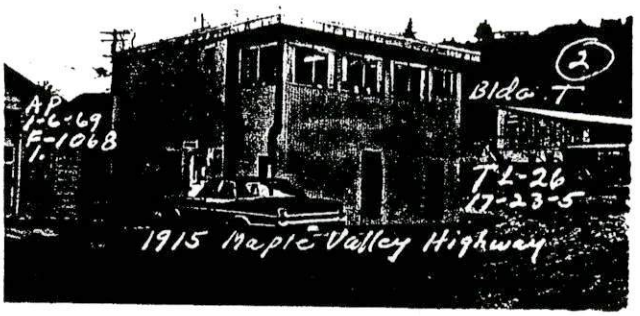
**FOUNDATION**

| | |
|---|---|
| | Mud Sill ☐ |
| ✓ | Conc. ☐ |
| | Load Hgt. ☐ |

**BASEMENT**

| | |
|---|---|
| | Full |
| | Sub-Basemer |
| | Size ____ |
| | Garage ☐ No. Cars |
| | Floors |
| | Plastered ☐ Pl. Bd. |
| | No. Apartments |
| | Service Rooms |

Date Bt
Effectiv
Dep. for
RE
Facto
Base




**HEATING**

| | |
|---|---|
| ✓ | Elec. ____ Oil ____ Gas |
| | H.W. ____ St. ____ H.A. |
| ✓ | B.Bd. ____ Suspended |
| | FHA ____ Pipeless |
| | A. Cond. ✓ Wall Unit |
| | Comb. Unit ____ Custom |
| | Refrig. ____ Convector |
| | Heat Pump ____ Fireplace |

| YEAR | ASSESSED VALUE | |
|---|---|---|
| 1961 | 750 | PAN 60 |
| 1970 | 3100 | AP 68 |
| | 6205 | |

**EXTERIOR WALL CONST.**

| | |
|---|---|
| ✓ | Single ☐ Double |
| | Stud Walls |
| | Brick ____ Pil. ☐ |
| | Conc. ____ Pil. ☐ |
| | Rein. Conc. Skeleton |
| | Str. Stl.-Frame |
| | Pre-Fab Metal |
| | Tilt-Up |
| | ____ Filler Wall |
| | ____ Curtain Wall |

**EXTERIOR FACING**

| | |
|---|---|
| 1-11 | Siding |
| | Stucco ____ Shakes |
| | Marblecrete |
| | Brick ☐ Veneer |
| | Conc. ☐ Conc. Blk. |

**FLOOR CONSTRUCTION**

| | |
|---|---|
| Joist | x ____ x ____ O.C. |
| | Mill ____ Car Deck |
| 13" | R.Conc. ____ Elev. |
| | Steel ____ GLB. |

or

**ROOF COVERING**

| | |
|---|---|
| ✓ | Blt.-Up ____ Tar & Gr. |
| | Comp. ____ Metal |

or

HOISTS: Elec. Hydr.

| | | | |
|---|---|---|---|
| | Pass. | | Flight |
| | Auto. | ✓ | Elec. |
| | Man. | ✓ | Hydr. |
| Doors-Auto | | Man. | |
| | Escalators | | |
| | Stops | | Speed |
| Cap'y. | | | |

| | |
|---|---|
| | Hvy. ____ Md. ____ Lt |
| | Untrtd. Pile Tmbr. |
| | Conc. Piles & Bms |
| | Trtd. Pile Tmbr. |
| ✓ | Paved |
| | Dolphins |
| | Deck |

| | |
|---|---|
| | Knob & Tube |
| | Flex. Cable |
| | Conduit |
| | Pwr. Wiring |
| | Range Wiring |
| | Outlets |

**INTERIOR WALLS & CEILING**

| | | | |
|---|---|---|---|
| | Stud | ✓ | Wood Metal |
| | Plaster | ✓ | Dry Wall |
| ✓ | Acc. Tile | | Celotex |
| | Ceiled | | Plywood |
| | Solid | | Block |
| | Sound Proofed | | Lamin. |
| ✓ | Finished | | Unfinished |
| ✓ | Painted | | Varnished |

**INSULATION**

| | | | |
|---|---|---|---|
| | Exter. | | Partitions |
| | Roof | | Floor |

**INTERIOR TRIM**

| | | | |
|---|---|---|---|
| ✓ | Flr | | Birch |
| | Mah. | | Oak |
| | Metal | | |
| ✓ | Wood | | Metal Doors |
| | Wood | ✓ | Metal Sash |
| | Stained | | Varnish |
| ✓ | Painted | | Unfin. |

| SB | C. Hgt. |
|---|---|
| B | |
| 1 | 7 |
| 2 | 8 |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
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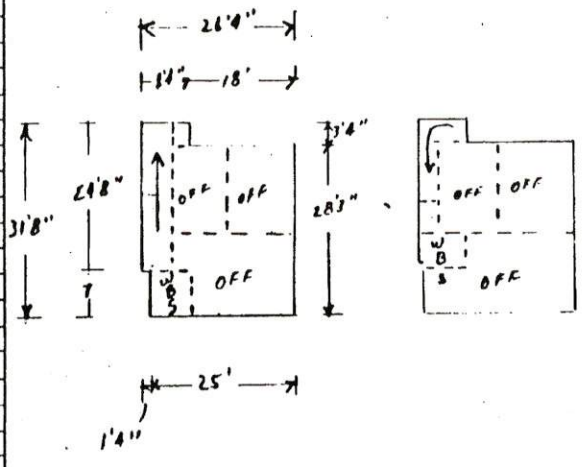
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |
| 21 | |
| 22 | |
| 23 | |
| 24 | |
| 25 | |
| 26 | |

GROUND FLOOR AREA 765 ✓
TOTAL FLOOR AREA 1530 ✓




FOM 11/83

Started South Mark of ...

Rentex

FOLIO [redacted] ADDITION Taxlots

Section [redacted] Ewm. Block [redacted]

PERMIT NO. Tax Lot 26 Tract [redacted]

DATE Address 1915 - Maple Valley Hiway

Renton Bldg T

Fee Owner Stone Way Sand & Gravel Co Leased to Rainier Asph

Condition of Exterior Interior Foundation Floor Plan: Good Accept Good

Reeves Asphalt Paving Co

**USE** office

1 No. Stories
No. Stores
3 No. Rooms + kit
Basement 3/60
3 No. Offices
No. Apartments
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

X Frame
X Single Double
Ordinary Masonry
Mill Construction
Class A Rein. Con.
Stru. Steel and Con
Tile Brick
Con. Rein. Con.
Good Med. 1 Cheap

**FOUNDATION**

Mud Sills
Post and Pier
Brick
X Concrete
Pile

**BASEMENT** none

Full %
Sub-Basement
Size
Garage No. Cars
Floors
Plastered
Living Rooms
Service Rooms

**ROOF CONSTRUCTION**

X Frame Lam
Mill Construction
Rein. Concrete
No. Trusses
Wood Steel

**ROOFING MATERIAL**

Tar and Gravel
Or Shake

**FLOOR FINISHES**

Fir Maple
Oak 2" x 6" T&G
Lino. 3" x 6" T&G
X Cement 1st
Terrazzo
Racolith
X Tile Asph 1st
Or

Tile Lino.
Baths Fl. Walls
Sq. Ft. Floors
Sq. Ft. Walls
Lin. Ft. Dr. Bds.
Sq. Ft. Floors
Sq. Ft. Walls
Lin. Ft. Dr. Bds.
Kit's Fl. Walls

Tile Total 0
Lino. Total 10

**PLUMBING**

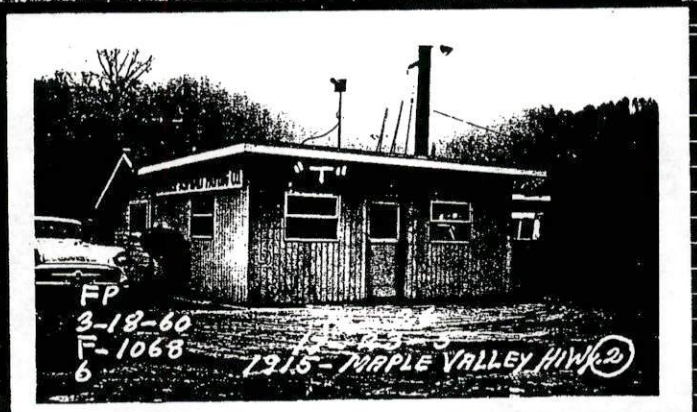
1 No. Fixtures
1 Toilets
Tube, Leg or Pem.
1 Basins, Ped.
Sinks
Urinals
1 Showers (Pub) (Stall)
1 Laundry Trays
H. W. Tank Fl. Drains
Sprink. Sys. No. Hds.

**HEATING**

X Stove
Pipeless Furnace
Gravity H. A.
Air Cond., Fan
Suspended Gas, Hot Water
Steam Heat
Hot Water
Oil Burner

| Year | Assessed Value |
|---|---|
| 1959 | 150 |
| 1961 | 250 - Pen 60 |

Date Built 1931 X Finished Unfinished X 1953 Remodeled Add ars




**TANKS, ETC., LIST**

Hoists: Elec. Hyd.

**ELEVATORS**

Pass. Freight
Auto. Elec.
Man. Hyd.
Man.

**DOCKS AND PIERS**

Treated Piles, Timb
Untreated
Treated Piles only
Average Length
Paved

**WIRING**

Knobe & Tube
Flex. Cable
Conduit
Power Wiring
Range Wiring
No. Outlets

**EXTERIOR WALL CONST.**

Y Single Double
2" x 4" Stud Walls
2" x 6" Stud Walls
Brick Walls
Brick with Pilasters
Concrete Walls
Con. with Pilasters
Tile Walls
Rein. Con. Skel.
Filler Walls
Laminated Walls

**EXTERIOR FACING**

notice Siding Shingles
Shakes Stucco
Brick Veneer
Kind
Stone Cast S.
Terra Cotta
Struct. Glass
Trim

**FLOOR CONSTRUCTION**

Joist Con. Size
O.C. In Bridg.
Mill Construction
Y Rein. Con. Slab

**INTERIOR WALLS**

Stud and Plaster
Lam. Plastered
1 Plywood
1 Ceiled TG
2 Plaster Board
2 Painted - Acc Tile
Stain Varnish
Kalsomino
Whitewashed 3/60
Unfinished

**INTERIOR TRIM**

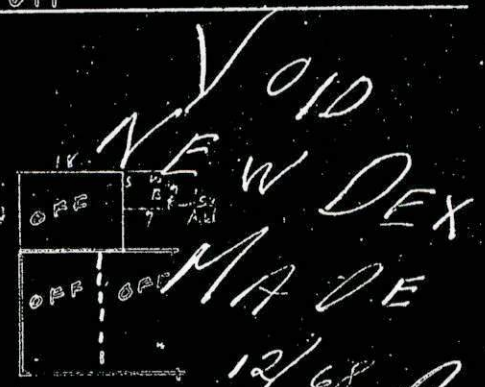
X Fir
Mah. Oak
Metal
X Wood Doors
Y Wood Windows
Stained
Varnished
Painted
Unfinished

**C. H.**

| | |
|---|---|
| B | |
| 1 | Y |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |
| 21 | |
| 22 | |

GROUND FLOOR AREA 699

TOTAL FLOOR AREA 699




| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |

FOLIO [redacted] ADDITION - Tax lots

17 Twp. 23 Range 5 Ewm. Block [redacted]

PERMIT NO. Tax Lot 26 Tract

DATE Address 1915 - Maple Valley Hiway Renton Bldg V

Fee Owner Stone Way Sand & Gravel Co. Architect

Condition of Exterior Interior Foundation Floor Plan: Good Accept Good

see previous bunkers page

**USE** Bunkers

- No. Stories
- No. Stores
- No. Rooms
- Basement
- No. Offices
- No. Apartments
- 1 rm. 2 rm. 3 rm.
- 4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

- Frame
- Single Double
- Ordinary Masonry
- X Mill Construction
- Class A Rein. Con.
- Stru. Steel and Con
- Tile Brick
- Con. Rein. Con.

Good Med. Cheap

**FOUNDATION**

- Mud Sills
- Post and Pier
- Brick
- X Concrete
- Pile

**BASEMENT**

- Full %
- Sub-Basement
- Size
- Garage No. Cars
- Floors
- Plastered
- Living Rooms
- Service Rooms

**ROOF CONSTRUCTION**

- Frame Lam.
- Mill Construction
- Rein. Concrete
- No. Trusses
- Wood Steel

**ROOFING MATERIAL**

Tar and Gravel

Or

**FLOOR FINISHES**

- Fir Maple
- Oak 2"x6" T&G
- Lino. 3"x6" T&G
- Cement
- Terrazzo
- Raccolith
- Tile

Or

Tile Lino.

Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

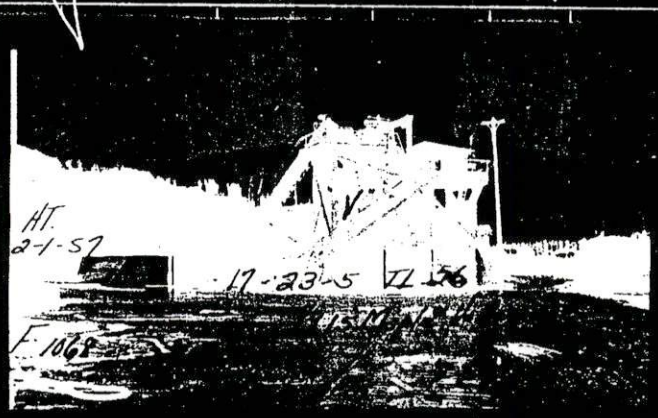
Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.; Kit's Ft. Walls

Date Built 1954 C+ [X] Finished [ ] Unfinished [ ] Remodeled

Effective Age 10 Years Future Life Years

Dep. for Cond. Dep. for Ob. Dep. for Ec. Total

REPRODUCTION COST Factor Make Up




Hoists: Elec. Hyd. | Man. Hyd. Man. | Treated Piles only | Average Length | Paved | Conduit | Power Wiring | Range Wiring | No. Outlets

**PLUMBING**

- No. Fixtures
- Toilets
- Tube, Leg or Pem.
- Basins, Ped.
- Sinks
- Urinals
- Showers (Tub) (Stall)
- Laundry Trays
- H. W. Tank Fl. Drains
- Sprink. Sys. No. Hds.

**HEATING**

- Stove
- Pipeless Furnace
- Gravity H. A.
- Air Cond., Fan
- Suspended Gas, Hot Water
- Steam Heat
- Hot Water
- Oil Burner

| Year | Assessed Value |
|---|---|
| 1958 | Land [illegible] 1957 |

**EXTERIOR WALL CONST.**

- Single Double
- 2" x 4" Stud Walls
- 2" x 6" Stud Walls
- Brick Walls
- Brick with Pilasters
- Concrete Walls
- Con. with Pilasters
- Tile Walls
- Rein. Con. Skel.
- Filler Walls
- Laminated Walls

**EXTERIOR FACING**

- Siding Shingles
- Shakes Stucco
- Brick Veneer
- (Wood Timberkind)
- Stone Cast S.
- Terra Cotta
- Struct. Glass
- Trim

**FLOOR CONSTRUCTION**

Joist Con. Size x

O.C. In Bridg.

- Mill Construction
- Rein. Con.

**INTERIOR WALLS**

- Stud and Plaster
- Lam. Plastered
- Plywood
- Ceiled
- Plaster Board
- Painted
- Stain Varnish
- Kalsomine
- Whitewashed
- Unfinished

**INTERIOR TRIM**

- Fir
- Mah. Oak
- Metal
- Doors
- Windows
- Stained
- Varnished
- Painted
- Unfinished

C. H.

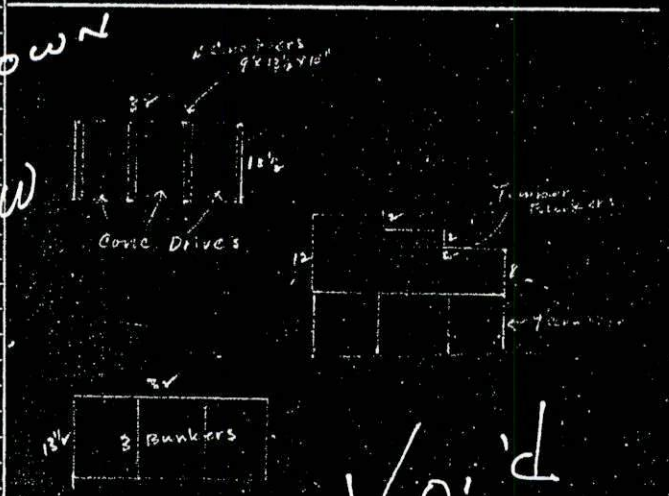
B. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

GROUND FLOOR AREA 422

TOTAL FLOOR AREA

Down

12-62




V.O.'d

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Depreo. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |

Renton

FOLIO 1068

ADDITION Tax lots

Section 17 Twp. 23 Range 5 Ewm. Block — Tax Lot 26 Lot or Tract —

PERMIT NO.

DATE

Address 1915 - Maple Valley Hiway Renton Bldg "W"

Fee Owner Stone Way Sand + Gravel Co. Leased to Reinier Asphalt Paving Co

Condition of Exterior G Interior G Foundation G Floor Plan: Good Accept. Good

**USE** garage

- 1 No. Stories 3 sheds
- No. Stores
- 1 No. Rooms
- Basement
- No. Offices
- No. Apartments
- 1 rm. 2 rm. 3 rm. 4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

- X Frame
- X Single Double
- Ordinary Masonry
- Mill Construction
- Class A Rein. Con.
- Stru. Steel and Con
- Tile Brick
- Con. Rein. Con.

Good Med. X Cheap

**FOUNDATION**

- Mud Sills
- X Post and Pier
- Brick
- Concrete
- Pile

**BASEMENT**

- Full %
- Sub-Basement
- Size
- Garage No. Cars
- Floors
- Plastered
- Living Rooms
- Service Rooms

**EXTERIOR WALL CONST.**

- Single Double
- X 2" x 4" Stud Walls
- 2" x 6" Stud Walls
- Brick Walls
- Brick with Pilasters
- Concrete Walls
- Con. with Pilasters
- Tile Walls
- Rein. Con. Skel.
- Filler Walls
- Laminated Walls

**EXTERIOR FACING**

- X Siding Shingles
- Shakes Stucco
- Brick Veneer
- Kind
- Stone Cast S.
- Terra Cotta
- Struct. Glass
- Trim

**FLOOR CONSTRUCTION**

- Joist Con. Size
- O.C. In Bridg.
- Mill Construction
- Rein. Con.

**ROOF CONSTRUCTION**

- X Frame Lam
- Mill Construction
- Rein. Concrete
- No. Trusses
- Wood Steel

**ROOFING MATERIAL**

- Tar and Gravel
- Or T.P.

**FLOOR FINISHES**

- Fir Maple
- Oak 2"x6" T&G
- Lino. 3"x6" T&G
- Cement
- Terrazzo
- Raccolith
- Tile
- Or X Black Top

Tile Lino.

Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Kit's Fl. Walls

**PLUMBING**

- No. Fixtures
- Toilets
- Tube, Leg or Pem.
- Basins, Ped.
- Sinks
- Urinals
- Showers (Tub) (Stall)
- Laundry Trays
- H. W. Tank Fl. Drains
- Sprink. Sys. No. Hds.

Date Built 1954 (garage) X Finished Unfinished Remodeled

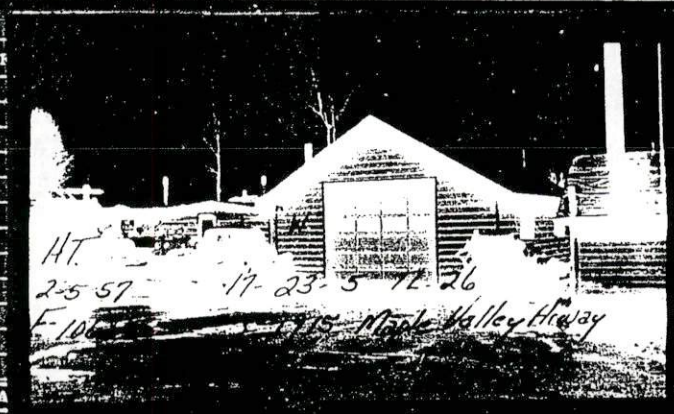
Effective Age Years Future Life Years

Dep. for Cond. Dep. for Ob. Dep. for Es. Total

**HEATING** Stove

- Pipeless Furnace
- Gravity H. A.
- Air Cond., Fan
- Suspended Gas, Hot Water
- Steam Heat
- Hot Water
- Oil Burner

| Year | Assessed Value |
|---|---|
| | 1300 |
| 1971 | 1440 McA. 4-70 |




Pass. Auto. Man. Freight Elec. Hyd. Man. Hoists: Elec. Hyd.

Treated Piles, Timb. Untreated Treated Piles only Average Length Paved

Knobe & Tube Flex. Cable Conduit Power Wiring Range Wiring No. Outlets

**INTERIOR WALLS**

- Stud and Plaster
- Lam. Plastered
- Plywood
- X Ceiled Partially
- X Plaster Board
- Painted
- Stain Varnish
- Kalsomine
- Whitewashed
- X Unfinished

**INTERIOR TRIM**

- Fir
- Mah. Oak
- Metal
- Wood Doors
- Wood Windows
- Stained
- Varnished
- Painted
- X Unfinished

| | C. H. |
|---|---|
| B. | |
| 1 | 10 |
| 2 | |
| 3 | |
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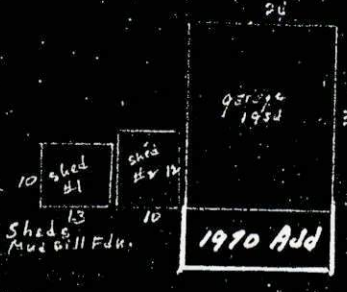
| 20 | |
| 21 | |
| 22 | |

GROUND FLOOR AREA ~~770~~ 960

TOTAL FLOOR AREA




| | Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Garage | | | | | | | | | | | |
| X | Shed #1 | Sale | Plank | T.P. | 1 | 10.13 | 130 | 1 | 910 | 10 | 91 | 819 |
| X | Shed #2 | Sale | Plywood | T.P. | | 10.12 | 200 | 1.60 | 320 | 30 | 96 | 224 |

FOLIO 068

ADDITION Tax Lots

Section 17 Twp. 23 Range 5 Ewm. Block Lot or Tract

Tax Lot 26

PERMIT NO.

DATE

Address 1915 – Maple Valley Hi Way
Renton
Bldg X

Fee Owner Stone Way Sand + Gravel Co Architect

Condition of Exterior G Interior G Foundation G Floor Plan: Good Accept

**USE** Pump Hse

- 1 No. Stories
- No. Stores
- 1 No. Rooms
- Basement
- No. Offices
- No. Apartments
- 1 rm. 2 rm. 3 rm.
- 4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

- X Frame
- X Single Double
- Ordinary Masonry
- Mill Construction
- Class A Rein. Con.
- Stru. Steel and Con
- Tile Brick
- Con. Rein. Con.

Good Med. X Cheap

**FOUNDATION**

- Mud Sills
- Post and Pier
- Brick
- X Concrete 8"-4½' hi
- Pile

**BASEMENT**

- Full %
- Sub-Basement
- Size
- Garage No. Cars
- Floors
- Plastered
- Living Rooms
- Service Rooms

**EXTERIOR WALL CONST.**

- X Single Double
- X 2" x 4" Stud Walls
- 2" x 6" Stud Walls
- Brick Walls
- Brick with Pilasters
- Concrete Walls
- Con. with Pilasters
- Tile Walls
- Rein. Con. Skel.
- Filler Walls
- Laminated Walls

**EXTERIOR FACING**

- Siding Shingles
- Shakes Stucco
- Brick Veneer
- X S/L Kind
- Stone Cast S.
- Terra Cotta
- Struct. Glass
- Trim

**FLOOR CONSTRUCTION**

Joint Con. Size

O.C. In Bridg

- Mill Construction
- X Rein. Con.

**ROOF CONSTRUCTION**

- X Frame Lam
- Mill Construction
- Rein. Concrete
- No. Trusses
- Wood Steel

**ROOFING MATERIAL**

- Tar and Gravel
- Or Comp

**FLOOR FINISHES**

- Fir Maple
- Oak 2"x0" T&G
- Lino. 3"x6" T&G
- X Cement
- Terrazzo
- Raccolith
- Tile
- Or

Tile Lino.

Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

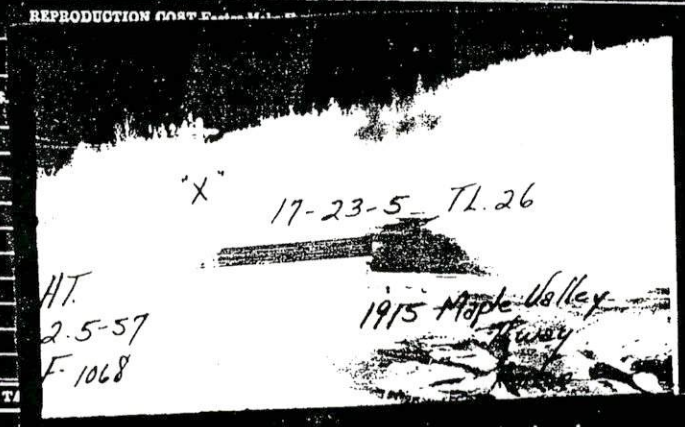
Kit's Fl. Walls

Date Built 1954 ? X Finished Unfinished Remodeled

Effective Age Years Future Life Years

Dep. for Cond. Dep. for Ob. Dep. for Ec. Total

REPRODUCTION COST




Hoists: Elec. Hyd.

Auto. Elec. Hyd. Man.

Treated Piles, Timb. Untreated Treated Piles only Average Length Paved

Knobs & Tube Flex. Cable Conduit X Power Wiring Range Wiring No. Outlets

**PLUMBING** Minimal

- No. Fixtures
- Toilets
- Tube, Leg or Pem.
- Basins, Ped.
- Sinks
- Urinals
- Showers (Tub) (Stall)
- Laundry Trays
- H. W. Tank Fl. Drains
- Sprink. Sys. No. Hds.

**HEATING** None

- Stove
- Pipeless Furnace
- Gravity H. A.
- Air Cond., Fan
- Suspended Gas, Hot Water
- Steam Heat
- Hot Water
- Oil Burner

| Year | Assessed Value |
|---|---|
| 1951 Survey | |
| | 600 |

**INTERIOR WALLS**

- Stud and Plaster
- Lam. Plastered
- Plywood
- Ceiled
- Plaster Board
- Painted
- Stain Varnish
- Kalsomine
- Whitewashed
- Unfinished
- X open stud

**INTERIOR TRIM**

- Fir
- Mah. Oak
- Metal
- Doors
- Windows
- Stained
- Varnished
- Painted
- X Unfinished

C. H.

| R | |
|---|---|
| 1 | 6 & 10 |
| 2 | |
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| 20 | |
| 21 | |
| 22 | |

GROUND FLOOR AREA 310

TOTAL FLOOR AREA

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

FOLIO 068 | LOCATION TAX LOT | Section 17 Twp. 23 Range 5 E W m. | Block | Lot or Tract | Tax Lot 26

PERMIT NO. 1680

DATE 2-6-56

Address RENTON Bldg A

owners office

Fee Owner STANWAY SAND & GRAVEL Architect SAM MORRI

Condition of Exterior G Interior G Foundation G Floor Plan; Good

**USE** OFFICES

- 1 No. Stories
- No. Stores
- 2 No. Rooms
- Basement
- 9 No. Offices
- No. Apartments
- 1 rm. 2 rm. e rm. 4 rm. 5 rm. 6 rm.

**ROOF CONSTRUCTION**

- X Frame Lam
- Mill Construction
- Rein. Concrete 2 X 12-16"
- No. Trusses INSUL. 3"
- Wood Steel

**ROOFING MATERIAL**

- Tar and Gravel
- Or Built up

**FLOOR FINISHES**

- Fir Maple
- Oak 2"x6" T&G
- Lino. 3"x6" T&G
- X Cement
- Terrazzo
- Raccolith
- Tile
- Or

Tile Lino.

Tile Total: Baths Fl. Walls; Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Lino. Total: Sq. Ft. Floors; Sq. Ft. Walls; Lin. Ft. Dr. Bds.

Walls

**PLUMBING**

- 6 No. Fixtures
- 2 Toilets
- Tube, Leg or Pem.
- 2 Basins, Ped.
- Sinks
- 1 Urinals
- Showers (Tub) (Stall)
- Laundry Trays
- 1 H. W. Tank Fl. Drains
- Sprink. Sys. No. Hds.

**TYPE OF CONSTRUCTION**

- X Frame
- Single Double
- Ordinary Masonry
- Mill Construction
- Class A Rein. Con.
- Stru. Steel and Con
- Tile Brick
- Con. Rein. C

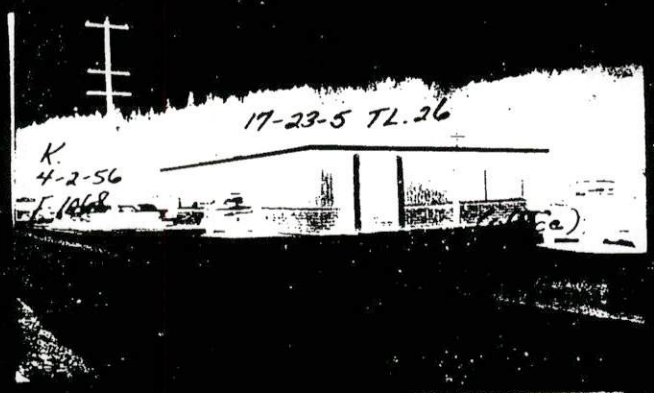
Good X Med. Cheap

ed

Years

1

0




**HEATING**

- Stove
- Pipeless Furnace
- Gravity H. A.
- Air Cond., Fan
- Suspended Gas, Hot Water
- Steam Heat
- X Hot Water
- X Oil Burner

| Year | Assessed Value |
|---|---|
| 1956 | 2100-1326 |
| 19 | |
| 1956 | |

**FOUNDATION**

- Mud Sills
- Post and Pier
- Brick
- X Concrete
- Pile

**BASEMENT**

- NO Full %
- Sub-Basement
- Size
- Garage No. Cars
- Floors
- Plastered
- Living Rooms
- Service Rooms

Other Buildings

Total Value (Full)

Assessed Valuation 50%

**TANKS, ETC., EXCAVATIONS**

Hoists: Elec. Hyd.

**DOCKS AND PIERS**

- Treated Piles, Timb
- Untreated
- Treated Piles only
- Average Length
- Paved

**WIRING**

- Knobe & Tube
- Flex. Cable
- X Conduit
- Power Wiring
- Range Wiring
- No. Outlets

Freight

Auto. Elec.

Man. Hyd.

Man.

**EXTERIOR WALL CONST.**

- Single Double
- X 2" x 4" Stud Walls
- 2" x 6" Stud Walls
- Brick Walls
- Brick with Pilasters
- 1 Concrete Walls
- Con. with Pilasters
- Tile Walls
- Rein. Con. Skel.
- Filler Walls
- Laminated Walls

**EXTERIOR FACING**

- X Bev. Siding Shingles
- Shakes Stucco
- X Brick Veneer 4" Com
- 4" Ho Kind
- Stone Cast S.
- Terra Cotta
- Struct. Glass
- Trim

**FLOOR CONSTRUCTION**

Joist Con. Size x

O.C. In Bridg.

- Mill Construction
- X Rein. Con. 4"

**INTERIOR WALLS**

- Stud and Plaster
- Lam. Plastered
- 2 Plywood Ceiled MAHOG WALNUT
- X Plaster Board BAL
- X Painted
- X Stain Varnish
- Kalsomine 3-ACE TILE
- Whitewashed SEE AUDITONE CLGS.
- Unfinished

**INTERIOR TRIM**

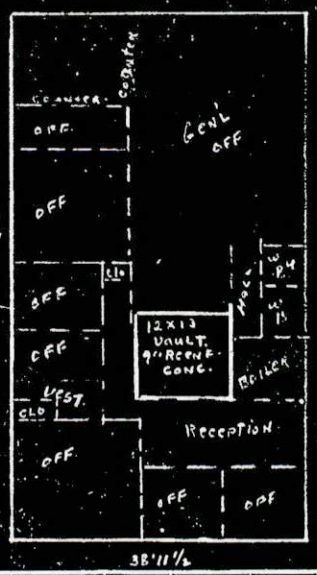
- X Fir
- Mah. Oak
- Metal
- X Wood Doors
- X Windows
- Stained
- Varnished
- X Painted
- Unfinished

**C. H.**

B 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

**GROUND FLOOR AREA**

TOTAL FLOOR AREA 2191




N

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |

U.P.B.N. CO.

FOLIO 1068
PERMIT NO. 1680
DATE 2-6-56
ADDITION T[illegible] PLOT
Section 17 Twp. 23 Range 5 Ewin. Block [illegible] Tax Lot 26 Lot or Tract [illegible]
Address RENTON [illegible]

172305-026 Code ~~0751~~ 2100

| LIMITS | ROAD | SCHOOL | WATER | FIRE | SEWER | HOSPITAL | AIRPORT | FERRY | |
|---|---|---|---|---|---|---|---|---|---|
| RENTON | | 403 | | | | H O S #1 | | | Metro |

| YR | AC | LAND | BLDGS | TOTAL | BY | DATE | REASON | CD | FEE OWNER | DATE | FILE # | PRICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | 8.77 | 46800 | 64300 (18) | 111,100 | BLS | 5-6-65 | Rev. | | | | | |
| 1968 | " | 46800 | 68,900 (19) | 115700 | E & E | 3-15-67 | #900-Imp-Vacd-Torn down / 2 Kitchens Bldgs A-2 + H3 -1966- fire | | | | | |
| 1970 | " | 46800 | 71250 (19) | 118050 | R.Y. | 3/5/69 | Add To Bldg "T" | | " | | | |
| 1971 | L 93600 B 142500 T 236100*172305-9026-0 8/9 | | | | | | | | | | | |
| 1971 | | 93,600 | 139,250 | 232,850 | ent | 12-D69 | Void Imp Q, U, +V. + Add Bldg #2 | | | | | |
| 1971 | | 93,600 | 139,840 | 233,440 | ent | 5-12-70 | Add. to bldg. "Y" + "W" | | | | | |
| 1973 | 8.77 | 111,850 | 111,000 (15) | 222850 | E & E | 5-31-72 | revalue - 1 | | | | | |
| 19 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
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| 19 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |

DISTRICT 1068 ADDITION T.L. (26)

Section 17 Twp. 23 Range 5 E W.M. Block

PERMIT No. Blk 0

DATE

Fee Owner

Condition of Exterior Good Interior Good Foundation Good

USE Cement Stores

| | |
|---|---|
| 1 | No. Stories |
| 2 | No. Stores |
| | No. Rooms |
| | Basement |
| | No. Offices |
| | No. Apartments |
| | 1 rm. ☐ 2 rm. ☐ 3 rm. |
| | 4 rm. ☐ 5 rm. ☐ 6 rm. |

**ROOF CONSTRUCTION**

| | |
|---|---|
| | Frame Lam ☐ |
| | Mill Construction |
| | Rein. Concrete |
| | No. Trusses |
| | Wood ☐ Steel ☒ |

**ROOFING MATERIAL**

Tar and Gravel

Or. Re Tol

**FLOOR FINISHES**

| | | | |
|---|---|---|---|
| | Fir | ☐ | Maple |
| | Oak | ☐ | 2" x 6" T&G |
| X | Lino. | ☐ | 3" x 6" T&G |
| | Cement | | |
| | Terrazzo | | |
| | Bascolith | | |
| | Tile | | |

Or.

Tile Total

Lino. Total

Baths ☐ Fl. ☐ Walls

Sq. Ft. Floors

Sq. Ft. Walls

Lin. Ft. Dr. Bds.

Sq. Ft. Floors

Sq. Ft. Walls

Lin. Ft. Dr. Bds.

Kits. ☐ Fl. ☐ Walls

| | |
|---|---|
| | No. Fixtures |
| | Toilets |
| | Tubs, Leg or Pem. |
| | Basins, Ped. |
| | Sinks |
| | Urinals |
| | Showers (Tub) (Stall) |
| | Laundry Trays |
| | H. W. Tank Fl. Drains ☐ |
| | Sprink. Sys. No. Hds. |

**TYPE OF CONSTRUCTION**

| | |
|---|---|
| | Frame |
| | Single ☐ Double |
| | Ordinary Masonry |
| | Mill Construction |
| | Class A Rein. Con. |
| X | Stru. Steel and Con. |
| | Tile ☐ Brick ☐ |
| | Con. ☐ Rein. Con. ☐ |

Good Med. Cheap

Date Built 1946 ☒ Finished ☐ Unfinished ☐ Remodeled

Effective Age Years Future Life 50 Years

Dep. For Cond. Dep. For Ob. Dep. For Ec. Total 12%

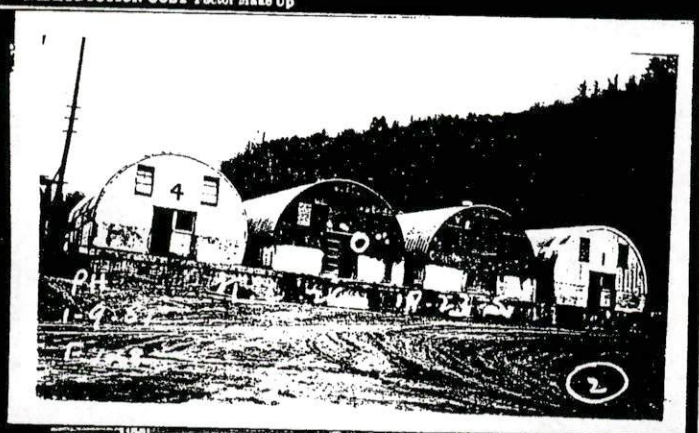
**HEATING**

| | |
|---|---|
| | Stove |
| | Pipeless Furnace |
| | Gravity H. A. |
| | Air Cond. Fan |
| | Arcola |
| | 1-Pipe Steam |
| | 2-Pipe St. or Vapor |
| | Hot Water |
| | Oil Burner |
| | Coal Stoker |

**FOUNDATION**

| | |
|---|---|
| | Mud Sills |
| | Post and Pier |
| | Brick |
| X | Concrete |
| | Pile |

**REPRODUCTION COST** Factor Make Up



**WIRING**

| | |
|---|---|
| | Knobe & Tube |
| | Flex Cable |
| X | Conduit |
| | Power Wiring |
| | Range Wiring |
| | No. Outlets |

**BASEMENT**

| | |
|---|---|
| | Full ☐ % |
| | Sub-Basement |
| | Size |
| | Garage ☐ No. Cars |
| | Floors |
| | Plastered |
| | Living Rooms |
| | Service Rooms |

Assessed Value 50% $

Sup. Building A.V. $

Total $

**ELEVATORS**

| | | | |
|---|---|---|---|
| | Pass. | ☐ | Freight |
| | Auto. | ☐ | Elec. |
| | Man. | ☐ | Hyd. |
| | | ☐ | Man. |

5600

4800

**EXTERIOR WALL CONSTR.**

| | |
|---|---|
| | Single ☐ Double |
| | 2" x 4" Stud Walls |
| | 2" x 6" Stud Walls |
| | Brick Walls |
| | Brick With Pilasters |
| X | Concrete Walls + Metal |
| | Con. With Pilasters |
| | Tile Walls |
| | Rein. Con. Skel. |
| | Filler Walls |
| | Laminated Walls |

**INTERIOR WALLS**

| | |
|---|---|
| | Stud and Plaster |
| | Lam. ☐ Plastered |
| | Ply Wood |
| | Ceiled |
| | Plaster Board |
| X | Painted |
| | Stain ☐ Varnish |
| | Kalsomine |
| | Whitewashed |
| | Unfinished |

**GAS STATIONS**

| | |
|---|---|
| | Frame |
| | Metal |
| | Masonry |
| | Plastered or Ceiled |
| | Floors |

**SERVICE BUILDING**

| | |
|---|---|
| | Frame |
| | Metal |
| | Masonry |
| | Plastered or Ceiled |
| | Floors |

**TANKS, ETC., LIST**

Hoists: Elect. Hyd.

**DOCKS AND PIERS**

| | |
|---|---|
| | Treated Piles and Timbers |
| | Untreated |
| | Treated Piles only |
| | Average Length |
| | Paved |

**C. H.**

S.B.

B

1 18

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

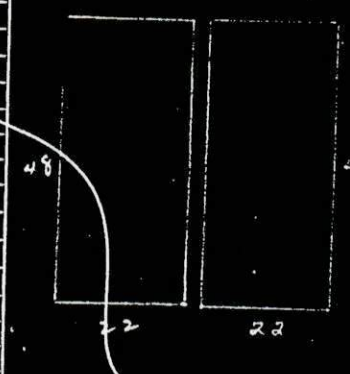
GROUND FLOOR AREA

TOTAL FLOOR AREA 4224

Now 4 huts

2 [illegible]

3' of wall [illegible]




**EXTERIOR FACING**

| | | | |
|---|---|---|---|
| | Siding | ☐ | Shingles |
| | Shakes | ☐ | Stucco |
| | Brick Veneer | | |
| X | Metal | | Kind |
| | Stone | ☐ | Cast S. |
| | Terra Cotta | | |
| | Struct. Glass | | |
| | Trim | | |

**INTERIOR TRIM**

| | | | |
|---|---|---|---|
| | Fir | | |
| | Mah. | ☐ | Oak |
| X | Metal | | |
| | Doors | | |
| | Windows | | |
| | Stained | | |
| | Varnished | | |
| X | Painted | | |
| | Unfinished | | |

**FLOOR CONSTRUCTION**

Joist Con. Size

O. C. In Bridg. ☐

| | |
|---|---|
| | Mill Construction |
| | Rein. Con. |

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S. F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage Stg. | 5g1. 3/4 | Conc. | | 1 | 20 x 17 | 340 | 1.02 | | 47 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

FOLIO 1068

ADDITION TAX LOT (26)

Section 17 Twp. 23 Range 5 Ewm Block Tract or Lot (26)

PERMIT No.

BLDG A.

DATE

Fee Owner STONEWAY DOCK CO Address of P

Condition of Exterior Wood Interior Mod Foundation Conc Floor Plan:

**USE** OFFICE

- 1 No. Stories
- No. Stores
- 6 No. Rooms (2 SERVICE)
- Basement
- 1 No. Offices
- No. Apartments
- 1 rm. 2 rm. 3 rm.
- 4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

- 1 Frame
- Single [X] Double
- Ordinary Masonry
- Mill Construction
- Class A Rein. Con.
- Stru. Steel and Con.
- Tile Brick
- Con. Rein. Con.

Good Med X Cheap

**FOUNDATION**

- Mud Sills
- Post and Pier
- Brick
- X Concrete
- Pile

**BASEMENT**

- Full % 
- Sub-Basement
- Size x
- Garage No. Cars
- Floors
- Plastered
- Living Rooms
- Service Rooms

**ROOF CONSTRUCTION**

- X Frame Lam
- Mill Construction
- Rein. Concrete
- No. Trusses
- X Wood Steel

**ROOFING MATERIAL**

- Tar and Gravel
- Or TARPAPER

**FLOOR FINISHES**

| Tile | Total | Lino. | Total |
|---|---|---|---|
| | | | |

- Fir Maple
- Oak 2" x 6" T&G
- Lino. 3" x 6" T&G
- X Cement
- Terrazzo
- Raecolith
- X Tile ASPHALT
- Or

Tile Lino.

Baths Fl. Walls

Sq. Ft. Floors

Sq. Ft. Walls

Lin. Ft. Dr. Bds.

Sq. Ft. Floors

Sq. Ft. Walls

Lin. Ft. Dr. Bds.

Kit's. Fl. Walls

Date Built 1931 [X] Finished [ ] Unfinished [X] Remodeled 1949 & 1950

Effective Age Years Future Life Years

Dep. for Cond. Dep. for Ob. Dep. for Es. Total 35%

Other Buildings

Total

Assessed Value 50%

Sup. Building A. V.

Total

**PLUMBING**

- 5 No. Fixtures
- 2 Toilets
- Tubs, Leg or Pem.
- 2 Basins, Pedt.
- Sinks
- Urinals
- Showers (Tub) (Stall)
- Laundry Trays
- H.W. Tank Fl. Drains
- Sprink. Sys. No. Hds.

**HEATING**

- Stove
- Pipeless Furnace
- Gravity H. A.
- Air Cond., Fan
- Arcola FHW
- 1-Pipe Steam
- 2-Pipe St. or Vapor
- X Hot Water
- X Oil Burner
- Coal Stoker

**WIRING**

- Knobe & Tube
- Flex Cable
- Conduit
- Power Wiring
- Range Wiring
- No. Outlets

**ELEVATORS**

- Pass. Freight
- Auto. Elec.
- Man. Hyd.
- Man.

**EXTERIOR WALL CONSTR.**

- Single [X] Double
- 2" x 4" Stud Walls
- 2" x 6" Stud Walls
- Brick Walls
- Brick With Pilasters
- Concrete Walls
- Con. With Pilasters
- Tile Walls
- Rein. Con. Skel.
- Filler Walls
- Laminated Walls

**EXTERIOR FACING**

- X Siding Shingles
- Shakes Stucco
- Brick Veneer
- X Kind
- Stone Cast S.
- Terra Cotta
- Struct. Glass
- Trim

**FLOOR CONSTRUCTION**

Joist Con. Size x

O. C. In Bridg.

- Mill Construction
- X Rein. Con.

**INTERIOR WALLS**

- Stud and Plaster
- Lam. Plastered
- Ply Wood
- Ceiled
- X Plaster Board
- Painted
- Stain Varnish
- Kalsomine
- Whitewashed
- Unfinished

**INTERIOR TRIM**

- X Fir
- Mah. Oak
- Metal
- Doors
- Windows
- Stained
- Varnished
- Painted
- Unfinished

**GAS STATIONS**

- Frame
- Metal
- Masonry
- Plastered or Ceiled
- Floors

**SERVICE BUILDING**

- Frame
- Metal
- Masonry
- Plastered or Ceiled
- Floors

**TANKS, ETC., LIST**

1 1000 gal.

Hoists: Elect. Hyd.

**DOCKS AND PIERS**

- Treated Piles and Timbers
- Untreated
- Treated Piles only
- Average Length
- Paved

**C. H.**

S. B.
B
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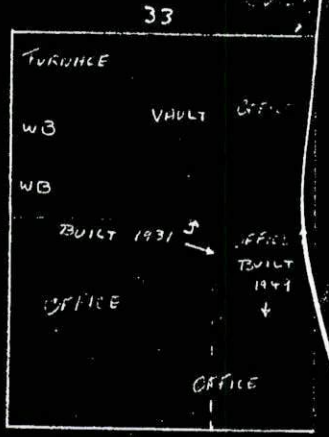
GROUND FLOOR AREA 1300

TOTAL FLOOR AREA 1300




| | Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S.F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Garage | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

L&H CO. SE 6-48

FOLIO 10628

ADDITION TAX LOT (26)

Section 17 Twp. 23 Range 5 Ewm Block ~~Tract~~ or Lot (26)

PERMIT No.

BLDG A

DATE

Fee Owner STONEWAY DOCK CO Address of P

Condition of Exterior Fair Interior Med Foundation Conc Floor Plan:

**USE** OFFICE

- 1 No. Stories
- No. Stores
- 1 No. Rooms (2 SERVICE)
- Basement
- No. Offices
- No. Apartments
- 1 rm. 2 rm. 3 rm.
- 4 rm. 5 rm. 6 rm.

**TYPE OF CONSTRUCTION**

- 1 Frame
- Single X Double
- Ordinary Masonry
- Mill Construction
- Class A Rein. Con.
- Stru. Steel and Con.
- Tile Brick
- Con. Rein. Con.

Good Med. X Cheap

**FOUNDATION**

- Mud Sills
- Post and Pier
- Brick
- X Concrete
- Pile

**BASEMENT**

- Full % 
- Sub-Basement
- Site x
- Garage No. Cars
- Floors
- Plastered
- Living Rooms
- Service Rooms

**EXTERIOR WALL CONSTR.**

- Single X Double
- 1 2" x 4" Stud Walls
- 2" x 6" Stud Walls
- Brick Walls
- Brick With Pilasters
- Concrete Walls
- Con. With Pilasters
- Tile Walls
- Rein. Con. Skel.
- Filler Walls
- Laminated Walls

**EXTERIOR FACING**

- X Siding Shingles
- Shakes Stucco
- Brick Veneer
- X Kind
- Stone Cast S.
- Terra Cotta
- Struct. Glass
- Trim

**FLOOR CONSTRUCTION**

Joist Con. Size x

O. C. In Bridg.

- Mill Construction
- X Rein. Con.

**ROOF CONSTRUCTION**

- X Frame Lam
- Mill Construction
- Rein. Concrete
- No. Trusses
- X Wood Steel

**ROOFING MATERIAL**

- Tar and Gravel
- Or. TARPAPER

**FLOOR FINISHES**

- Fir Maple
- Oak 2" x 6" T&G
- Lino. 3" x 6" T&G
- X Cement
- Terrazzo
- Raccolith
- X Tile ASPHALT Or

Tile Total

Lino. Total

Tile Lino.

- Baths Fl. Walls
- Sq. Ft. Floors
- Sq. Ft. Walls
- Lin. Ft. Dr. Bds.
- Sq. Ft. Floors
- Sq. Ft. Walls
- Lin. Ft. Dr. Bds.
- Kit's. Fl. Walls

Date Built 1931 X Finished Unfinished X Remodeled 1944 ?

Effective Age Years Future Life Years

Dep. for Cond. Dep. for Ob. Dep. for Es. Total 35%

**PLUMBING**

- 3 No. Fixtures
- 1 Toilets
- Tubs, Leg or Pem.
- 1 Basins, Peds
- Sinks
- Urinals
- Showers (Tub) (Stall)
- Laundry Trays
- H.W.Tank Fl. Drains
- Sprink. Sys. No. Hds.

**HEATING**

- Stove
- Pipeless Furnace
- Gravity H. A.
- Air Cond., Fan
- Arcola FIRE
- 1-Pipe Steam
- 2-Pipe St. or Vapor
- X Hot Water
- X Oil Burner
- Coal Stoker

**WIRING**

- Knobe & Tube
- Flex Cable
- Conduit
- Power Wiring
- Range Wiring
- No. Outlets

**ELEVATORS**

- Pass. Freight
- Auto. Elec.
- Man. Hyd.
- Man.

Unfinished

Plastered or Ceiled Floors

**INTERIOR TRIM**

- X Fir
- Mah. Oak
- Metal
- Doors
- Windows
- Stained
- Varnished
- Painted
- Unfinished

**TANKS, ETC., LIST**

1 1000 gal.

Hoists: Elect. Hyd.

**DOCKS AND PIERS**

- Treated Piles and Timbers
- Untreated
- Treated Piles only
- Average Length
- Paved

8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

33

W.B. VAULT OFF

W.B.

4V

BUILT 1931 OFFICE

BUILT 1941

OFFICE

OFFICE

| Other Buildings | Construction | Floor | Roof | Stories | Dimensions | S.F. Area | Factor | Value | % Dep. | Deprec. | Net Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Garage | | | | | | | | | | | |

L&H CO. BE 8-49

FOLIO

PERMIT No.

ADDITION Tax Lot (26)

Section 17 Twp. 23 Range 5 Ewm Block District or Lot (26)

BLDG A.

172305-026 ~~38950~~ ~~64300~~ 0751

| LIMITS | ROAD | SCHOOL | WATER | FIRE | SEWER | HOSPITAL | AIRPORT | FERRY | |
|---|---|---|---|---|---|---|---|---|---|
| Renton | Renton | 403 | | | | HOS. #1 | | | Voted |

| YR | AC | LAND | BLDGS. | TOTAL | BY | DATE | REASON | FEE OWNER | DATE |
|---|---|---|---|---|---|---|---|---|---|
| 1951 | | | 6120 (15) | | L.M. | 11/49 | 1 New Imp. added. H, A, + C remod. | | |
| 1952 | 6 22 | 4500 | 10120 (16) | 14620 | WBM (4) | 2/51 | Bldg "A" void - Remod. 1950. Bldg "Q" new - fin. 1950. | | |
| 1955 | 6.22 | 4500 | 15040 (11) | 19,540 | DP | 8/7/53 | 1080 imps void - new add Bldg "N". 1 new imp. Bldg "D" | | |
| 1955 | 6.22 | 4500 | 17150 (12) | 21650 | WBM. | 11-24-53 | "R" + "S" new. R.V. Bldg "C" Trans. to T.L. (25) | | |
| 1956 | | 4500 | 24800 (12) | 29300 | RD | 4/8/54 | "D" area "Q" tank added, "S" Revalue | | |
| 1956 | 8 77 | 9500 | 24800 | 34300 | MS | 5/23/53 | RV | | |
| 1957 | " | 9500 | 27200 (12) | 36700 | Hm. | 5/9/56 | Bldg "A" R.V. | | |
| 1958 | " | 9500 | 27700 (12) | 37200 | Hm. | " | " " " " | | |
| 1958 | " | 9500 | 31800 (14) | 41300 | DJL | 3/8/57 | V 9'x 13,400 Bldg "D" 2nd Flr. See New Index - Remodel Void Bldgs B, F, I, J Wrecked, Revalue Bldg Q V 9'x 208 " " " 1,040 " " " | | |
| 1958 | " | 9500 | 56950 (16) | 66450 | Hm | 5/27/57 | 500 V 12 - "S" 3 New apps. per folio # 192 etc (3 desk Cunning Trans. C.O. in error) | | |
| 1960 | | 38,200 | 56950 | 95,150 | LL | 5-25-59 | Rev. | | |
| 1961 | | 38,200 | 63000 (17) | 101200 | Hm | 4/25/60 | Bldg I-A new, "O" new app. #2 new R.V. | | |
| 1961 | " | 38,200 | 64300 (18) | 102,500 | MO | 4/29/60 | New "Y" - add Bldg T | | |
| 1962 | | 38,950 | 64,300 | 103,250 | NLTI | 3/30/62 | Merge - Kill TL (63) | K-1646 | |
| 1966 | | 46800 | 64 300 | 111,100 | BLS | 5-6-65 | Rev | | |
| 19 | | | | | | | | | |
| 19 | | | | | | | | | |
| 19 | | | | | | | | | |

TAX LOT; NAME OFFICE: Stone Way Dock Co.

SECTION 17 TWP. 23 N. RANGE 5 EWM. BLOCK TRACT OR LOT NO. Tax Lot # 26

DESCRIPTION

PERMIT NO.

3 ADDRESS — PROPERTY Renton. (Stone Way Dock Co.) CONT. PURCHASER --

4 FEE OWNER IGNAZIO SARTORI (3-22-89)

5 ARCHITECT -- CONTRACTOR --

ORIG. COST $

6 BUILDING OFFICE: Frame; 1 Story. 3 Rooms & Lavat.

BASEMENT None

FOUNDATION Conc. Floor

ROOF Tar & Gravel

STORE FRONTS None

EXTERIOR Frame FIR SIDING

EXTRA FEATURES None

CONSTRUCTION Frame; Single-Medium.

MISCELLANEOUS --

7 CONDITION: EXTERIOR Fair INTERIOR Fair FOUND. Good

8 MAIN SUPPORT COLUMNS Solid x FOOTING Conc. Flr. SPAN -- FT.

9 FIRST FLOOR JOISTS -- INCH CENTERS BRIDGED --

10 BASEMENT -- FLOORING Finished

11 GROSS INCOME $ EXPENSE NET INCOME $

12 DEPRECIATION: COND. 23% OBSLES. ECON. OBSOL. % TOTAL %

YEAR BUILT 1931 REMODELED No

EFFECTIVE AGE -- YEARS ECONOMIC LIFE 23 Yd YEARS

DIMENSIONS 22 x 22; 5 x 11. SQUARE AREA CUBIC FT.

~~539~~ 687

VOID

INTERIOR

Ceiled; Plywood.
2 Plywood partitions.
Fir Trim. 3-Varnish
FLOORS Conc.

FIRE PLACE None

PLUMBING 4 Fixtures;
2 Toilets; 2 Basins.
Average.

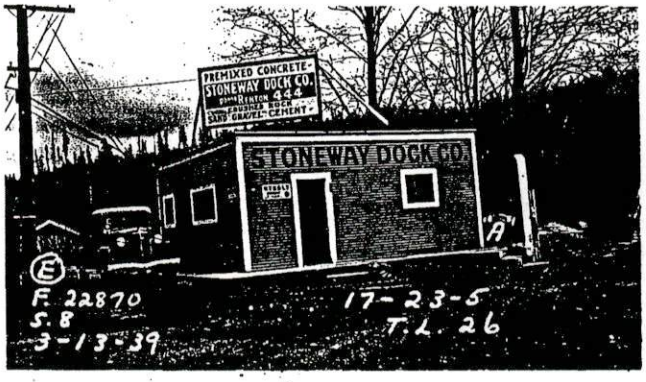
TILE WORK None

WIRING Knob & Tube;
10 outlets.

HEATING Stove

ELEVATORS None

CEILING — HEIGHT 1st Floor 8'




IMPROVEMENT VALUE

| | |
|---|---|
| MAIN BUILDING | $ 400. |
| OTHER BUILDINGS | $ 40. |
| TOTAL | $ 440. |
| ASSESSED VALUE 50% | $ 220. |
| DATE 1/1 '39 | |

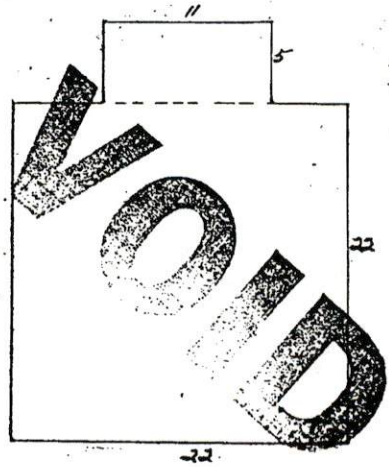
LAND INFORMATION

1. SIZE x Below
Bluff-Rolling-Level. On to 6th
2. STREET — ROAD Yes; Conc.
No Alley.
3. SIDEWALK None. Septic Tnk.
Water, D; Drng., Good.
4. LANDSCAPING None;
Condition, Part cleared.
5. TREND Static VALUE $2000.
6. USE Residential-Farming.
7. DISTRICT Medium-Old
See remarks.

| C | OTHER BUILDINGS | CONSTRUCTION | FLOOR | ROOF | STY. | DIMENSION | AREA | VALUE |
|---|---|---|---|---|---|---|---|---|
| | Shed | Single | Shlp. | | 1 | 8 x 12 | 96 | $14. |
| | Shed | Single | Shlp. | | 1 | 8 x 10 | 80 | 11. |
| | P.Hse | Single | Shlp | | 1 | 10 x 16 | 160 | 22. |
| | | | | | | | Total | 47. |

| C | OWNER OR CONTRACT PURCHASER | DATE | FILE NO. | PRICE | MTGE. | STAMP |
|---|---|---|---|---|---|---|
| | Katherine Sartori et al | 12-1-43 | 2088- | | | |

FLOOR PLAN Sc-10'=1"




REMARKS LAND INFORMATION.

| Use | Soil type | No. Acres | Value. |
|---|---|---|---|
| Bunkers; | A F | 13.27 @ 150. | $2000. |
| Office. | | | |

| | | | | |
|---|---|---|---|---|
| Sup'l-A; | $ 190. | Sup'l-H; | $ 60. | Conc. walk 111 Lin. Ft x |
| Sup'l-B; | 500. | Sup'l-I; | 70. | 3' wide. |
| Sup'l-C; | 70. | Sup'l-J; | 20. | |
| Sup'l-D; | 140. | Sup'l-K; | 220. | |
| Sup'l-E; | 40. | Sup'l-L; | 130. | |
| Sup'l-F; | 130. | Sup'l-M; | 110. | |
| Sup'l-G; | 120. | | | |

LAND CLASSIFICATION OR SEGREGATION

9/17/30

TWP. 23
NGE 5

X LOT NO. 26
RCEL NO.
LOT NO.
OCK NO.

~~Gov't Lot 7 Ex Co Rd Less to Kennydale Water Co. Less All coal & Minerals and the right to explore for & Mine the same. Sec 59-68-134~~
~~Less Portion Housing Project 45-136~~

17-23-5 Gov Lot 7 Less Co Rd Less to Kennydale Water Co 9/17/30 & Less Coal & Mineral Rights Less por taken for Defense Housing Project No 45136 Also por of Gov Lot 4 & of Gov Lot 5 lf any ly NEly of a ln est by S C Decree 90072 & SEly of a ln desc as fols Beg on SWly mgn Renton-Maple Valley Rd at a pt 80' NWly fr its inter with E & W C/L of Sec th S 42°32'30" W 373.25' th S 88°20' W 261.95' th S 39°24'35" W 73.20' th N 79°04'40" W 176.04' to true Beg of sd desc ln th S 87°59'20" W to ln as estbd by S C Decree 90072

PORS OF GOV LOTS 4 & 5 (IF ANY) GOV LOT 7 & OF SW¼ OF NE¼ LY WLY OF RENTON-MAPLE VALLEY RD, NLY OF PRESENT NLY BANK OF CEDAR RIVER & ELY & SELY OF DEFENSE HOUSING PROJECT 45-136 LESS C & M RTS.

Pors of Gov Lots 4,5(if any) & 7 & of SW¼ of NE¼ ly Wly of Renton-Maple Valley Rd, Nly of present Nly bank of Cedar River & Ely & SEly of boundary of Defence Housing Project 45-136 Less Coal & Mineral rights Less NEly 100' of SEly 60' of NWly 370' of Gov Lot 7 ly Wly of Hway, meas alg sd Hwy & at R/A thereto, Less SEly 45' of sd Lot 7 meas alg Hway & at R/A thereto(Por to (25) Added to balance of (26) Tax Lots (59)(104) & por of (68) & of (3)

Folio Co. Reserve 1068

| YEAR | AG. | LAND | BLDGS. | TOTAL | DATE | BY | REASON | LAND INCREASE | LAND DECREASE | BUILDING INCREASE | BUILDING DECREASE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9410 | 137 | 2000 | 2020 | 4020 | | | | | | | |
| 9411 | | 2000 | 2020 | 4020 | | | | | | | |
| 9412 | | 2000 | 2020 | 4020 | | | | | | | |
| 9413 | 117 | 1700 | 2020 | 3720 | 3-1943 | CEA | For H Sec Housing Authority 136 Ord 691 | | | | |
| 9414 | | 2900 | 2020 | 4920 | 5-20-43 | N.S. | R.V. | | | | |
| 9415 | | 3200 | 2020 | 5220 | 11-47 | AMc | Imprv'g Little Bear Creek Flood Control | | | | |
| 9416 | | 3200 | 2020 | 5220 | 1-19-48 | MK | Adj Value | | | | |
| 9417 | | 3200 | 2020 | 5220 | 4-13-49 | QEA (R) | Sec. (104) | | | | |
| 9418 | | | | | | | | | | | |
| 9419 | | | | | | | | | | | |
| 9420 | | | | | | | | | | | |
| 9421 | | | | | | | | | | | |
| 9422 | | | | | | | | | | | |
| 9423 | | | | | | | | | | | |
| 9424 | | | | | | | | | | | |
| 9425 | | | | | | | | | | | |
| 9426 | | | | | | | | | | | |
| 9427 | | | | | | | | | | | |

RENTON

DECREASE OR INCREASE IN ASSESSED VALUATION

STONEWAY CONCRETE

CERTIFIED MAIL, RETURN RECEIPT REQUESTED

March 20, 2001

Northwest Regional Office
State of Washington Department of Ecology
3190 - 160th Avenue S.E.
Bellevue, Washington 98008-5452

Attn: Joanne Polayes, Toxics Cleanup Program

RE: Our Maple Valley Highway Concrete Plant Operation in Renton
**(1) Groundwater Monitoring Results from Samples Taken on December 29, 2000 and (2) Request for Your Approval That Monitoring Be Terminated**

Dear Ms. Polayes:

As a further follow-up to our February 17, 1999 letter to you, we herewith are enclosing for your information and file (1) a copy of a March 18, 2001 letter from Smayda Environmental Associates, Inc. concerning groundwater monitoring results of water samples taken on December 29, 2000 and (2) a copy of a corresponding data report attached thereto from Aquatic Research, Inc. (the company that performed the laboratory analysis for Smayda Environmental Associates).

Please recall that following your receipt of the First Quarter 2000 data report, you had indicated to me that the decline of tetrachloroethene in the monitoring wells is convincing evidence that the pollutant source has been eliminated and that the groundwater is becoming acceptably clean. You indicated that if monitoring through the end of the year 2000 continued to show declining concentrations of tetrachloroethene, then monitoring for Ecology could cease. The results set forth in Smayda's accompanying letter and Aquatic Research, Inc.'s accompanying corresponding data report complete the year 2000 monitoring and confirm that the concentration of tetrachloroethene has been below the Model Toxics Control Act Method A Clean-Up Level of 5 ug/L (WAC 173-340-720) during each of the past four quarters and is continuing to decline. (Please see those materials for details.) Accordingly, I hereby request your approval to terminate the monitoring program.

Please phone me if you have any questions.

Sincerely,

STONEWAY CONCRETE

Donald J. Merlino

Donald J. Merlino, President

Enclosures

cc: Lys Hornsby, P.E., Utility Systems Director, City of Renton Department of Planning/Building/Public Works (with copies of enclosures, via CERTIFIED MAIL, RETURN RECEIPT REQUESTED)

Carolyn Boatsman, City of Renton Department of Planning/Building/Public Works (with copies of enclosures)

David L. Halinen, Esq., Halinen Law Offices, P.S. (without copies of enclosures)

Mark Aniello, Environmental Compliance & Remediation, Inc. (with copies of enclosures)

Stephen C. Woodward, GeoEngineers, Inc. (with copies of enclosures)

Tom Smayda, P.E., Smayda Environmental Associates, Inc. (without copies of enclosures)

**Smayda Environmental Associates, Inc.**
139 NE 61st Street
Seattle, WA 98115

**(206) 522-6199 phone**
(206) 522-0160 fax
(206) 369-2854 cell

March 19, 2001

Mr. Donald J. Merlino
Stoneway Concrete
1915 Maple Valley Road
Renton, WA 98055

**Re: Groundwater Monitoring at the Renton Batch Plant**
**Results of the Fourth Quarter 2000 Groundwater Samples**

Dear Mr. Merlino:

Enclosed please find groundwater monitoring results from the fourth quarter of 2000 for three wells (MW-31S, MW-40 and MW-42) located at the Renton concrete batch plant and the adjacent City of Renton Park (Figure 1).

Samples and field measurements were obtained by Tom Smayda on December 29, 2000. Field measurements included pH, specific conductance, temperature and water level. The laboratory constituent list included volatile organic compounds and pH in accord with Washington Department of Ecology quarterly requirements. Alkalinity, total dissolved solids, calcium, potassium and chloride were measured in compliance with the City of Renton's semi-annual requirements. Laboratory samples were analyzed by Aquatic Research, Inc.

Following her receipt of the First Quarter 2000 data report, Joanne Polayes of the State of Washington Department of Ecology ("Ecology") indicated to you that the decline of tetrachloroethene in the monitoring wells is convincing evidence that the pollutant source has been eliminated and that the groundwater is becoming acceptably clean. She indicated that if monitoring through the end of the year 2000 continued to show declining concentrations of tetrachloroethene, then monitoring for Ecology could cease. The results herein complete the year 2000 monitoring and confirm that the concentration of tetrachloroethene has been below the Model Toxics Control Act Method A Clean-Up Level of 5 ug/L (WAC 173-340-720) during each of the past four quarters.

The collected data is summarized on Table 1, with field data, laboratory data, quality assurance data and chain-of-custody documentation appended. All appropriate quality assurance protocols have been observed, including chain of custody documentation, sample

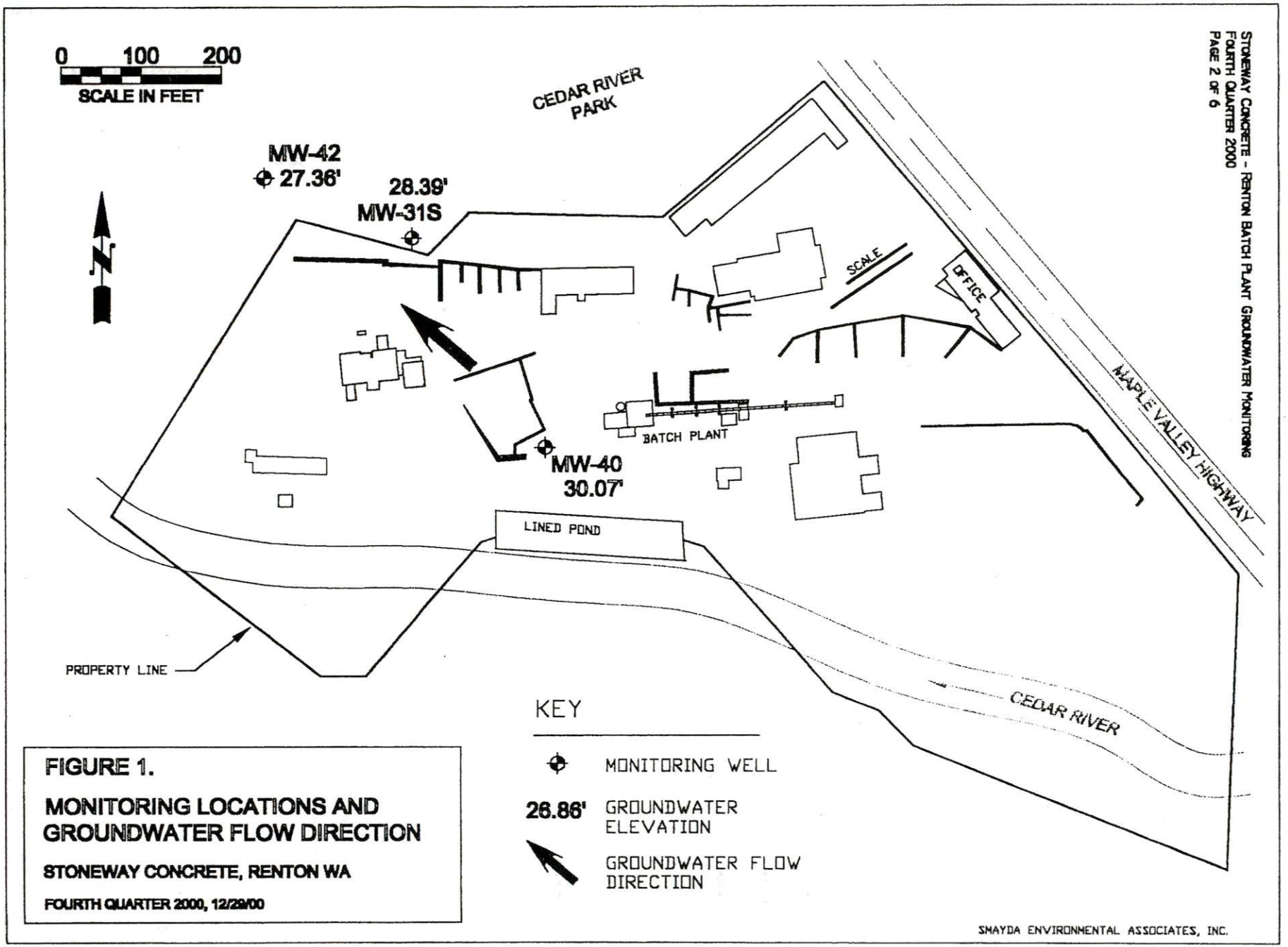



**FIGURE 1.**

**MONITORING LOCATIONS AND GROUNDWATER FLOW DIRECTION**

**STONEWAY CONCRETE, RENTON WA**

**FOURTH QUARTER 2000, 12/29/00**

**Table 1.** Groundwater monitoring data for quarterly monitoring at the Stoneway Renton concrete batch plant. Only volatile organic compounds that have been detected at or below the laboratory detection limit since the first quarter 1999 are listed. Groundwater quality standard exeedances are underlined.

| **Stoneway**<br>**Renton Batch Plant**<br>Fourth Quarter 2000<br>December 29, 2000 | | **MW-31S** | **MW-40** | **MW-42** | **Groundwater Criteria**<br>WAC 173-200-040 |
|---|---|---|---|---|---|
| Location | | City Park | Stoneway | City Park | |
| **Field Measurements** | | | | | |
| Water level | ft, MSL | 28.38 | 30.07 | 27.36 | – |
| pH | units | 7.4 | 12.1 | 10.5 | – |
| Specific Conductance | uS/cm | 108.4 | 888 | 213 | – |
| Temperature | Celsius | 12.2 | 13.0 | 13.9 | – |
| **Laboratory Measurements** | | | | | |
| **Volatile Organic Compounds** | | | | | |
| 4-Isopropyltoluene | ug/L | ND | ND J | ND | – |
| Naphthalene | ug/L | ND | 0.3 J | ND | – |
| Tetrachloroethene | ug/L | ND | 1.8 | 1.2 | 0.8 |
| Trichloroethene | ug/L | ND | 0.3 J | 0.2 J | 3.0 |
| Trichlorofluoromethane | ug/L | ND | ND | ND | – |
| 1,2,4-Trimethylbenzene | ug/L | ND | ND | ND | – |
| 1,3,5-Trimethylbenzene | ug/L | ND | ND | ND | – |
| Vinyl chloride | ug/L | ND | ND | ND | 0.02 |
| Vinyl acetate | ug/L | ND | ND | ND | – |
| trans-1,4-Dichloro-2-Butene | ug/L | ND | ND | ND | – |
| sec-Butylbenzene | ug/L | ND | ND | ND | – |
| 1,2-Dichlorobenzene | ug/L | ND | ND | ND | – |
| Benzene | ug/L | ND | ND | ND | 1.0 |
| 2,2-Dichloropropene | ug/L | ND | ND | ND | – |
| Toluene | ug/L | ND | 0.1 J | ND | – |
| p/m-Xylene | ug/L | ND | ND | ND | – |
| o-Xylene | ug/L | ND | ND | ND | – |
| Methylene chloride | ug/L | ND | 0.6 B | ND | – |
| 4-Methyl-2-Pentanone | ug/L | ND | ND | ND | – |

**Notes:**

| | |
|---|---|
| ND | Indicates compound analysed for but not detected. |
| J | Estimated value, compound detected but below the specified detection limit. |
| NA | Not analysed. |
| * | Secondary contaminant criteria, not related to human health. |
| B | Blank contaminated with this analyte. |

holding time, instrument calibration, duplicates, blank determinations and matrix spike recovery. These quality assurance data (appended as part of the laboratory data) have been reviewed and no unusual problems have been identified. Based upon these protocols, the data are deemed suitable for their intended uses.

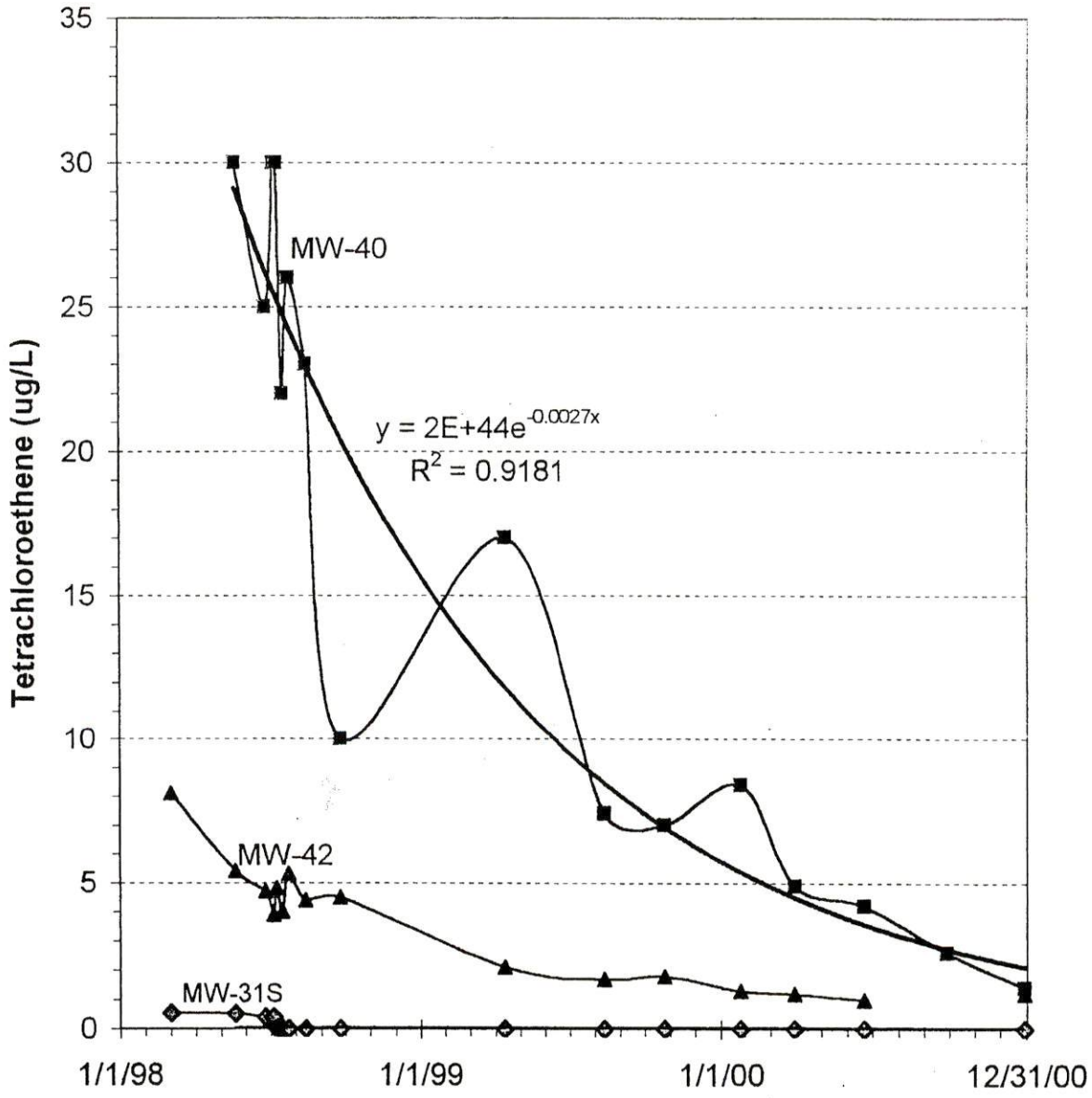
The groundwater chemical composition and water level are consistent with past sampling events. Notably, the concentration of tetrachloroethene has continued to decline in well MW-40 and remains undetected in MW-31S (Table 2, Figure 2). Ground water level elevations in the wells continue to indicate a general northwest direction of flow (Figure 1).

*Table 2. Trends of tetrachloroethene in the 3 monitoring wells in ug/L.*

| | MW-31S | MW-40 | MW-42 |
|---|---|---|---|
| 3-3-98 | 0.54 | 54 | 8.1 |
| 5-20-98 | 0.51 | 30 | 5.4 |
| 6-26-98 | 0.4 | 25 | 4.7 |
| 7-6-98 | 0.4 | 30 | 3.9 |
| 7-10-98 | Undetected | 30 | 4.8 |
| 7-17-98 | Undetected | 22 | 4.0 |
| 7-24-98 | Undetected | 26 | 5.3 |
| 8-14-98 | Undetected | 23 | 4.4 |
| 9-25-98 | Undetected | 10 | 4.5 |
| 4-13-99 | Undetected | 17 | 2.1 |
| 8-13-99 | Undetected | 7.4 | 1.7 |
| 10-25-99 | Undetected | 7.0 | 1.8 |
| 1-25-00 | Undetected | 8.1 | 1.3 |
| 3-30-00 | Undetected | 4.9 | 1.2 |
| 6-21-00 | Undetected | 4.2 | 1.0 |
| 9-27-00 | Not Analysed | 2.6 | Not Analysed |
| 12-29-00 | Undetected | 1.8 | 1.2 |

A second order exponential decay trend line has been calculated to describe the decline of tetrachloroethene in well MW-40. The best-fit line and its equation are shown on Figure 2. There is a high degree of confidence that this line adequately describes the data, as indicated by correlation coefficient of $r^2 = 0.918$. Using the equation to forecast future

**Figure 2.** Tetrachloroethene versus time since 1998 at the three monitoring wells located at and adjacent to the Stoneway Renton Concrete batch Plant. A best-fit exponential decay trendline is shown for well MW-40.



concentrations indicates that tetrachloroethene will be reduced to the groundwater criteria level of 0.8 ug/L during mid-2002.

The fact that groundwater is becoming cleaner at an exponential rate indicates that there was a single release of the contaminant, rather than prolonged or episodic releases (e.g., Domenico and Schwartz, 1990, Physical and Chemical Hydrogeology. John Wiley & Sons, NY, 824 pp., especially Chapters 16 and 17). This pattern of release is sometimes called an "instantaneous point source".

That the release of tetrachloroethene was from an "instantaneous point source" is confirmed by the data (Figure 2) and also by extensive on-site investigations that have been conducted at the Renton Batch Plant. The investigations indicated that the source was a pile of contaminated soil that had been temporarily stockpiled near MW-40. The soil pile was removed, the entire site and its shops were inspected for any tetrachloroethene-containing materials (none found), the site was cleaned and surface cracks in road and parking areas were sealed.

The existing data and the site's good-housekeeping practices show that no source of industrial solvents remains at the Renton Batch Plant. Groundwater quality has been consistently better than the MTCA Clean-Up Level during the past year and is steadily improving. In our opinion, this information justifies ending the regularly scheduled monitoring.

Thank you for your consideration. Please contact me with any questions or comments.

Very truly yours,

Tom Smayda

Thomas J. Smayda, P.E.
Smayda Environmental Associates, Inc.

Enclosures: Field data sheet
Chain of custody sheet
Laboratory data sheets with QA/QC data

cc: David L. Halinen, Esq., Halinen Law Offices, P.S.

# Stoneway- Renton Batch Plant

## Quarterly Groundwater Monitoring

| 12-29-00 | 4th 2000 | TJS |
|---|---|---|
| date | quarter | samplers |

**MW-42** (at Park)

Well Depth (ft) 40.0
Depth to Water (ft) 22.08
Water Depth (ft) 17.92
Water level (ft, MSL) 27.36
Specific Conductance (uS/cm) 213
pH 10.50

Well Elevation (top of PVC, ft MSL) 49.44
Water Volume (gal) 2.8
Purge Volume (gal) 10
Purge Water Appearance clear colorless
Temperature (deg. C) 13.9
Turbidity (ntu) -

**MW-40** (at Stoneway)

Well Depth (ft) 25.0
Depth to Water (ft) 12.60
Water Depth (ft) 12.40
Water level (ft, MSL) 30.07
Specific Conductance (uS/cm) 888
pH 12.10

Well Elevation (top of PVC) 42.67
Water Volume (gal) 2
Purge Volume (gal) 10
Purge Water Appearance cloudy grey
Temperature (deg. C) ~~12.8~~ 13.0
Turbidity (ntu) _____

**MW-31S** (at Park)

Well Depth (ft) 43.0
Depth to Water (ft) 22.37
Water Depth (ft) 20.63
Water level (ft, MSL) 28.39
Specific Conductance (uS/cm) 108.4
pH 7.38

Well Elevation (top of PVC) 50.76
Water Volume (gal) 3.3
Purge Volume (gal) 10
Purge Water Appearance clear colorless
Temperature (deg. C) 12.2
Turbidity (ntu) _____

Notes: Clear, 42°F [pH, alk, TDS, K, Na, Cl, VOA]

AQUATIC RESEARCH
*CONSULTING AND LABORATORY SERVICES FOR WATER RESOURCES*

January 18, 2001

Rec'd
1-20-01
TJS

Tom Smayda
139 N.E. 61st
Seattle, WA 98115

Dear Tom:

Please find enclosed a data report and invoice for the laboratory analysis of samples delivered on 12/29/00.

Please contact me if you have any questions regarding this report or invoice.

Sincerely,

AQUATIC RESEARCH INCORPORATED

Steven Lazoff
Laboratory Director

AQUATIC RESEARCH, INC.
3927 AURORA AVENUE, N.
SEATTLE, WA 98103
PHONE: (206) 632-3715

# AQUATIC RESEARCH INCORPORATED

**LABORATORY & CONSULTING SERVICES**

3927 AURORA AVENUE NORTH, SEATTLE, WA 98103

PHONE: (206) 632-2715 FAX: (206) 632-2417


| | | | |
|---|---|---|---|
| **CASE FILE NUMBER:** | **TJS001-11** | | **PAGE 1** |
| **REPORT DATE:** | 01/17/01 | | |
| **DATE SAMPLED:** | 12/29/00 | **DATE RECEIVED:** | 12/29/00 |

**FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM SMAYDA ENVIRONMENTAL / STONEWAY RENTON**

## CASE NARRATIVE

Three water samples were received by the laboratory in good condition. The samples were analyzed according to the chain of custody. Sample data follows while QA/QC data is contained on subsequent pages. Organics data is included as a separate report.

## SAMPLE DATA

| SAMPLE ID | pH | ALKALINITY (mgCaCO3/l) | TDS (mg/l) | CALCIUM (mg/l) | POTASSIUM (mg/l) | CHLORIDE (mg/l) |
|---|---|---|---|---|---|---|
| MW-31S | 7.32 | 49.9 | 66.7 | 13.8 | 0.984 | 1.2 |
| MW-40 | 11.93 | 355 | 611 | 74.8 | 12.6 | 3.9 |
| MW-42 | 10.71 | 87.4 | 122 | 15.2 | 4.44 | 2.5 |

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| | | | |
|---|---|---|---|
| **CASE FILE NUMBER:** | **TJS001-11** | **PAGE 2** | |
| **REPORT DATE:** | **01/17/01** | | |
| **DATE SAMPLED:** | **12/29/00** | **DATE RECEIVED:** | **12/29/00** |

**FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM SMAYDA ENVIRONMENTAL / STONEWAY RENTON**

**QA/QC DATA**

| QC PARAMETER | pH | ALKALINITY (mgCaCO3/l) | TDS (mg/l) | CALCIUM (mg/l) | POTASSIUM (mg/l) | CHLORIDE (mg/l) |
|---|---|---|---|---|---|---|
| METHOD | EPA 150.1 | EPA 310.1 | EPA 160.1 | EPA 200.7 | EPA 200.7 | EPA 325.3 |
| DATE ANALYZED | 12/29/00 | 01/11/01 | 01/08/01 | 01/17/01 | 01/17/01 | 01/03/01 |
| DETECTION LIMIT | | 1.00 | 5.00 | 0.100 | 0.600 | 0.50 |
| DUPLICATE | | | | | | |
| SAMPLE ID | | MW-40 | MW-42 | MW-40 | MW-40 | MW-42 |
| ORIGINAL | | 355 | 122 | 74.8 | 12.6 | 2.5 |
| DUPLICATE | | 355 | 113 | 75.1 | 12.4 | 2.5 |
| RPD | NA | 0.00% | 7.95% | 0.40% | 1.60% | 0.00% |
| SPIKE SAMPLE | | | | | | |
| SAMPLE ID | | | | MW-40 | MW-40 | MW-42 |
| ORIGINAL | | | | 74.8 | 12.6 | 2.5 |
| SPIKED SAMPLE | | | | 118 | 72.8 | 12.5 |
| SPIKE ADDED | | | | 50.0 | 50.0 | 10.0 |
| % RECOVERY | NA | NA | NA | 86.40% | 120.40% | 99.97% |
| QC CHECK | | | | | | |
| FOUND | | | | 0.979 | 50.2 | 28.7 |
| TRUE | | | | 1.00 | 50.0 | 30.0 |
| % RECOVERY | NA | NA | NA | 97.88% | 100.40% | 95.67% |
| BLANK | NA | NA | <5.00 | <0.100 | <0.600 | <0.50 |

RPD = RELATIVE PERCENT DIFFERENCE.
NA = NOT APPLICABLE OR NOT AVAILABLE.
NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.
OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:

Steven Lazoff

Laboratory Director

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | 1/9/01-MB | Matrix: | Water |
| Sample ID No.: | Method Blank ✓ | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | n/a | Dilution Factor: | 1 |
| Date Received: | n/a | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SL |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0301003.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag | |
|---|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U | |
| 74-97-5 | Bromochloromethane | 0.4 | U | |
| 74-83-9 | Bromomethane | 0.4 | U | |
| 104-51-8 | n-Butylbenzene | 0.4 | U | |
| 135-98-8 | sec-Butylbenzene | 0.4 | U | |
| 98-06-6 | tert-Butylbenzene | 0.4 | U | |
| 56-23-5 | Carbon tetrachloride | 0.4 | U | |
| 108-90-7 | Chlorobenzene | 0.4 | U | |
| 75-00-3 | Chloroethane | 0.4 | U | |
| 74-87-3 | Chloromethane | 0.4 | U | |
| 95-49-8 | 2-Chlorotoluene | 0.4 | U | |
| 106-43-4 | 4-Chlorotoluene | 0.4 | U | |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.4 | U | |
| 106-93-4 | 1,2-Dibromoethane | 0.4 | U | |
| 74-95-3 | Dibromomethane | 0.4 | U | |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U | |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U | |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U | |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U | |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U | |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U | |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U | |
| 156-59-4 | cis-1,2-Dichloroethene | 0.4 | U | |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U | |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U | |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U | |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U | |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U | |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U | |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U | |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U | |
| 98-82-8 | Isopropylbenzene | 0.4 | U | |
| 99-87-6 | 4-Isopropyltoluene | 0.4 | U | |
| 75-09-2 | Methylene chloride | 4.6 | | * |
| 91-20-3 | Naphthalene | 0.4 | U | |
| 103-65-1 | n-Propylbenzene | 0.4 | U | |
| 100-42-5 | Styrene | 0.4 | U | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 0.4 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.4 | U |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.4 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.4 | U |
| 75-01-4 | Vinyl chloride | 0.4 | U |

| | BTEX | | |
|---|---|---|---|
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.4 | U |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.4 | U |
| 95-47-6 | o-Xylene | 0.4 | U |

| | TRIHALOMETHANES (THM) | | |
|---|---|---|---|
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |

| | KETONES, CS2, 2-CEVE | | |
|---|---|---|---|
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| | | | |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| Surrogate Recoveries | %Rec. | QC limits Water | QC limits Soil |
|---|---|---|---|
| Dibromofluoromethane | 98% | 86-118 | 80-120% |
| Toluene-d8 | 99% | 88-110 | 81-117% |

Aquatic Research Inc.
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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | 1/9/01-MB | Matrix: | Water |
| Sample ID No.: | Method Blank | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | n/a | Dilution Factor: | 1 |
| Date Received: | n/a | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SC |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0301003.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag | CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|---|---|---|---|
| 107-13-1 | Acrylonitrile | 0.4 | U | 126-98-7 | Methacrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U | 96-33-3 | Methyl Acrylate | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U | 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 110-57-6 | trans-1,4-Dichloro-2-Butene | 0.4 | U | 80-62-6 | Methyl methacrylate | 0.4 | U |
| 60-29-7 | Diethyl Ether | 0.4 | U | 98-95-3 | Nitrobenzene | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U | 79-46-9 | 2-Nitropropane | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U | 76-01-7 | Pentachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U | 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of alkanes/alkenes is not possible to resolve.

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | 1/9/01-LCS | Matrix: | Water |
| Sample ID No.: | Laboratory Control Spike | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | n/a | Dilution Factor: | 1 |
| Date Received: | n/a | | |
| Date Analyzed | 01/09/01 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SL |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0401004.D | |

| Surrogate Recoveries | %Rec. | QC limits | |
|---|---|---|---|
| | | Water | Soil |
| Dibromofluoromethane | 99% | 86-118 | 80-120% |
| Toluene-d8 | 93% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 98% | 86-115 | 74-121% |

| Spike Recoveries | %Rec. | QC limits | |
|---|---|---|---|
| | | Water | Soil |
| 1,1-Dichloroethene | 105% | 50-150 | 50-150% |
| Benzene | 97% | 50-150 | 50-150% |
| Trichloroethene | 108% | 50-150 | 50-150% |
| Toluene | 98% | 50-150 | 50-150% |
| Chlorobenzene | 103% | 50-150 | 50-150% |

Aquatic Research Inc.
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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A1 | Matrix: | Water |
| Sample ID No.: | MW-31s | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SC |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0501005.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U |
| 4-97-5 | Bromochloromethane | 0.4 | U |
| 4-83-9 | Bromomethane | 0.4 | U |
| 104-51-8 | n-Butylbenzene | 0.4 | U |
| 35-98-8 | sec-Butylbenzene | 0.4 | U |
| 8-06-6 | tert-Butylbenzene | 0.4 | U |
| 56-23-5 | Carbon tetrachloride | 0.4 | U |
| 08-90-7 | Chlorobenzene | 0.4 | U |
| 5-00-3 | Chloroethane | 0.4 | U |
| 74-87-3 | Chloromethane | 0.4 | U |
| 5-49-8 | 2-Chlorotoluene | 0.4 | U |
| 06-43-4 | 4-Chlorotoluene | 0.4 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.4 | U |
| 06-93-4 | 1,2-Dibromoethane | 0.4 | U |
| 4-95-3 | Dibromomethane | 0.4 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U |
| 156-59-4 | cis-1,2-Dichloroethene | 0.4 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U |
| 98-82-8 | Isopropylbenzene | 0.4 | U |
| 99-87-6 | 4-Isopropyltoluene | 0.4 | U |
| 75-09-2 | Methylene chloride | 0.4 | U |
| 91-20-3 | Naphthalene | 0.4 | U |
| 103-65-1 | n-Propylbenzene | 0.4 | U |
| 100-42-5 | Styrene | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 0.4 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.4 | U |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.4 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.4 | U |
| 75-01-4 | Vinyl chloride | 0.4 | U |

| | BTEX | | |
|---|---|---|---|
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.4 | U |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.4 | U |
| 95-47-6 | o-Xylene | 0.4 | U |

| | TRIHALOMETHANES (THM) | | |
|---|---|---|---|
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |

| | KETONES, CS2, 2-CEVE | | |
|---|---|---|---|
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| | | | |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| | | QC limits | |
|---|---|---|---|
| Surrogate Recoveries | %Rec. | Water | Soil |
| Dibromofluoromethane | 109% | 86-118 | 80-120% |
| Toluene-d8 | 101% | 88-110 | 81-117% |

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A1 | Matrix: | Water |
| Sample ID No.: | MW-31s | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SC |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0501005.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 107-13-1 | Acrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U |
| 110-57-6 | trans-1,4-Dichloro-2-Butene | 0.4 | U |
| 60-29-7 | Diethyl Ether | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 126-98-7 | Methacrylonitrile | 0.4 | U |
| 96-33-3 | Methyl Acrylate | 0.4 | U |
| 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 80-62-6 | Methyl methacrylate | 0.4 | U |
| 98-95-3 | Nitrobenzene | 0.4 | U |
| 79-46-9 | 2-Nitropropane | 0.4 | U |
| 76-01-7 | Pentachloroethane | 0.4 | U |
| 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of lkanes/alkenes is not possible to resolve.

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A1 Dup | Matrix: | Water |
| Sample ID No.: | MW-31s Duplicate | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SC |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0601006.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U |
| 74-97-5 | Bromochloromethane | 0.4 | U |
| 74-83-9 | Bromomethane | 0.4 | U |
| 104-51-8 | n-Butylbenzene | 0.4 | U |
| 135-98-8 | sec-Butylbenzene | 0.4 | U |
| 98-06-6 | tert-Butylbenzene | 0.4 | U |
| 56-23-5 | Carbon tetrachloride | 0.4 | U |
| 108-90-7 | Chlorobenzene | 0.4 | U |
| 75-00-3 | Chloroethane | 0.4 | U |
| 74-87-3 | Chloromethane | 0.4 | U |
| 95-49-8 | 2-Chlorotoluene | 0.4 | U |
| 106-43-4 | 4-Chlorotoluene | 0.4 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.4 | U |
| 106-93-4 | 1,2-Dibromoethane | 0.4 | U |
| 74-95-3 | Dibromomethane | 0.4 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U |
| 156-59-4 | cis-1,2-Dichloroethene | 0.4 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U |
| 98-82-8 | Isopropylbenzene | 0.4 | U |
| 99-87-6 | 4-Isopropyltoluene | 0.4 | U |
| 75-09-2 | Methylene chloride | 0.2 | B |
| 91-20-3 | Naphthalene | 0.4 | U |
| 103-65-1 | n-Propylbenzene | 0.4 | U |
| 100-42-5 | Styrene | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 0.4 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.4 | U |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.4 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.4 | U |
| 75-01-4 | Vinyl chloride | 0.4 | U |
| | **BTEX** | | |
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.4 | U |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.4 | U |
| 95-47-6 | o-Xylene | 0.4 | U |
| | **TRIHALOMETHANES (THM)** | | |
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |
| | **KETONES, CS2, 2-CEVE** | | |
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| Surrogate Recoveries | %Rec. | QC limits Water | QC limits Soil |
|---|---|---|---|
| Dibromofluoromethane | 105% | 86-118 | 80-120% |
| Toluene-d8 | 104% | 88-110 | 81-117% |

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A1 Dup | Matrix: | Water |
| Sample ID No.: | MW-31s Duplicate | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: SC | |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0601006.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag | CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|---|---|---|---|
| 107-13-1 | Acrylonitrile | 0.4 | U | 126-98-7 | Methacrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U | 96-33-3 | Methyl Acrylate | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U | 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 110-57-6 | trans-1,4-Dichloro-2-Butene | 0.4 | U | 80-62-6 | Methyl methacrylate | 0.4 | U |
| 60-29-7 | Diethyl Ether | 0.4 | U | 98-95-3 | Nitrobenzene | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U | 79-46-9 | 2-Nitropropane | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U | 76-01-7 | Pentachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U | 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of alkanes/alkenes is not possible to resolve.

Aquatic Research Inc.
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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A2 | Matrix: | Water |
| Sample ID No.: | MW-40 | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SL |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0701007.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U |
| 74-97-5 | Bromochloromethane | 0.4 | U |
| 74-83-9 | Bromomethane | 0.4 | U |
| 104-51-8 | n-Butylbenzene | 0.4 | U |
| 135-98-8 | sec-Butylbenzene | 0.4 | U |
| 98-06-6 | tert-Butylbenzene | 0.4 | U |
| 56-23-5 | Carbon tetrachloride | 0.4 | U |
| 108-90-7 | Chlorobenzene | 0.4 | U |
| 75-00-3 | Chloroethane | 0.4 | U |
| 74-87-3 | Chloromethane | 0.4 | U |
| 95-49-8 | 2-Chlorotoluene | 0.4 | U |
| 106-43-4 | 4-Chlorotoluene | 0.4 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.4 | U |
| 106-93-4 | 1,2-Dibromoethane | 0.4 | U |
| 74-95-3 | Dibromomethane | 0.4 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U |
| 156-59-4 | cis-1,2-Dichloroethene | 0.4 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U |
| 98-82-8 | Isopropylbenzene | 0.4 | U |
| 99-87-6 | 4-Isopropyltoluene | 0.4 | U |
| 75-09-2 | Methylene chloride | 0.6 | B TJS |
| 91-20-3 | Naphthalene | 0.3 | J ✓ |
| 103-65-1 | n-Propylbenzene | 0.4 | U |
| 100-42-5 | Styrene | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 1.8 | |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.3 | J ✓ |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.4 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.4 | U |
| 75-01-4 | Vinyl chloride | 0.4 | U |
| | **BTEX** | | |
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.1 | J |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.4 | U |
| 95-47-6 | o-Xylene | 0.4 | U |
| | **TRIHALOMETHANES (THM)** | | |
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |
| | **KETONES, CS2, 2-CEVE** | | |
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| | | | |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| Surrogate Recoveries | %Rec. | QC limits Water | QC limits Soil |
|---|---|---|---|
| Dibromofluoromethane | 115% | 86-118 | 80-120% |
| Toluene-d8 | 110% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 99% | 86-115 | 74-121% |

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A2 | Matrix: | Water |
| Sample ID No.: | MW-40 | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SL |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0701007.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 107-13-1 | Acrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U |
| 110-57-6 | trans-1,4-Dichloro-2-Butene | 0.4 | U |
| 60-29-7 | Diethyl Ether | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 126-98-7 | Methacrylonitrile | 0.4 | U |
| 96-33-3 | Methyl Acrylate | 0.4 | U |
| 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 80-62-6 | Methyl methacrylate | 0.4 | U |
| 98-95-3 | Nitrobenzene | 0.4 | U |
| 79-46-9 | 2-Nitropropane | 0.4 | U |
| 76-01-7 | Pentachloroethane | 0.4 | U |
| 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of alkanes/alkenes is not possible to resolve.

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A2 MS | Matrix: | Water |
| Sample ID No.: | MW-40 Matrix Spike | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SL |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ 0801008.D | | |

| Surrogate Recoveries | %Rec. | QC limits | |
|---|---|---|---|
| | | Water | Soil |
| Dibromofluoromethane | 106% | 86-118 | 80-120% |
| Toluene-d8 | 100% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 98% | 86-115 | 74-121% |

| Spike Recoveries | %Rec. | QC limits | |
|---|---|---|---|
| | | Water | Soil |
| 1,1-Dichloroethene | 113% | 50-150 | 50-150% |
| Benzene | 108% | 50-150 | 50-150% |
| Trichloroethene | 110% | 50-150 | 50-150% |
| Toluene | 105% | 50-150 | 50-150% |
| Chlorobenzene | 107% | 50-150 | 50-150% |

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A3 | Matrix: | Water |
| Sample ID No.: | MW-42 | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SC |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ 0901009.D | | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U |
| 74-97-5 | Bromochloromethane | 0.4 | U |
| 74-83-9 | Bromomethane | 0.4 | U |
| 104-51-8 | n-Butylbenzene | 0.4 | U |
| 135-98-8 | sec-Butylbenzene | 0.4 | U |
| 98-06-6 | tert-Butylbenzene | 0.4 | U |
| 56-23-5 | Carbon tetrachloride | 0.4 | U |
| 108-90-7 | Chlorobenzene | 0.4 | U |
| 75-00-3 | Chloroethane | 0.4 | U |
| 74-87-3 | Chloromethane | 0.4 | U |
| 95-49-8 | 2-Chlorotoluene | 0.4 | U |
| 106-43-4 | 4-Chlorotoluene | 0.4 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.4 | U |
| 106-93-4 | 1,2-Dibromoethane | 0.4 | U |
| 74-95-3 | Dibromomethane | 0.4 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U |
| 56-59-4 | cis-1,2-Dichloroethene | 0.4 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U |
| 98-82-8 | Isopropylbenzene | 0.4 | U |
| 99-87-6 | 4-Isopropyltoluene | 0.4 | U |
| 75-09-2 | Methylene chloride | 0.4 | U |
| 91-20-3 | Naphthalene | 0.4 | U |
| 103-65-1 | n-Propylbenzene | 0.4 | U |
| 100-42-5 | Styrene | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 1.2 | |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.2 | J |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.4 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.4 | U |
| 75-01-4 | Vinyl chloride | 0.4 | U |

| | BTEX | | |
|---|---|---|---|
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.4 | U |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.4 | U |
| 95-47-6 | o-Xylene | 0.4 | U |

| | TRIHALOMETHANES (THM) | | |
|---|---|---|---|
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |

| | KETONES, CS2, 2-CEVE | | |
|---|---|---|---|
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| | | | |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| Surrogate Recoveries | %Rec. | QC limits Water | QC limits Soil |
|---|---|---|---|
| Dibromofluoromethane | 113% | 86-118 | 80-120% |
| Toluene-d8 | 101% | 88-110 | 81-117% |

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | TJS00111A3 | Matrix: | Water |
| Sample ID No.: | MW-42 | Sample Wt/Vol. (gm/ml) | 25.0 |
| Date Collected: | 12/29/00 | Dilution Factor: | 1 |
| Date Received: | 12/29/00 | | |
| Date Analyzed | 01/09/00 | Analyst: | T. Meadows |
| Date of Report: | 01/10/01 | Supervisor's Initials: | SC |
| Data File Path: | D:\HPCHEM\1\DATA\VOC\010109\ | 0901009.D | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 07-13-1 | Acrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U |
| 10-57-6 | trans-1,4-Dichloro-2-Butene | 0.4 | U |
| 30-29-7 | Diethyl Ether | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 126-98-7 | Methacrylonitrile | 0.4 | U |
| 96-33-3 | Methyl Acrylate | 0.4 | U |
| 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 80-62-6 | Methyl methacrylate | 0.4 | U |
| 98-95-3 | Nitrobenzene | 0.4 | U |
| 79-46-9 | 2-Nitropropane | 0.4 | U |
| 76-01-7 | Pentachloroethane | 0.4 | U |
| 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of alkanes/alkenes is not possible to resolve.

TJS601-11

**Smayda Environmental Associates, Inc**
139 NE 61st Street
Seattle, WA 98115
(206) 522-6199 voice
(206) 522-0160 fax

# CHAIN OF CUSTODY RECORD

Sampling Location: Stoneway - Renton Batch Plant

Page 1 of 1

Sampling Date: 12-29-00

Samplers: TJS

Client: _____ Client ID: _____

| Sample Identification | Date Sampled | Time Sampled | Matrix | Parameter List: pH | VOA | Alkalinity | TDS | K, Ca, Cl | Notes |
|---|---|---|---|---|---|---|---|---|---|
| MW-31S | 12-29-00 | | $H_2O$ | ✓ | ✓ | ✓ | ✓ | ✓ | pH = 7.32 |
| MW-40 | " | | " | ✓ | ✓ | ✓ | ✓ | ✓ | pH = 11.93 |
| MW-42 | " | | " | ✓ | ✓ | ✓ | ✓ | ✓ | pH = 10.71 |

pH @ 12-27-00 by SN 2:00 PM

| | Signature | Affiliation | Date | Time |
|---|---|---|---|---|
| Relinquished by: | T. Smayda | SEA | 12-29-00 | 1:12 |
| Received by: | [signature] | ARI | 12-29-00 | 1:12 |
| Relinquished by: | | | | |
| Received by: | | | | |

Remarks

# DEPARTMENT OF ECOLOGY
# MEMORANDUM

RECEIVED
APR 24 2001
HALINEN LAW OFFICES, P.S.

DATE: April 17, 2001

TO: File

FROM: Joanne Polayes

SUBJECT: Discontinuation of groundwater monitoring for tetrachloroethene at Stoneway Concrete, Renton

Stoneway Renton's latest submittal of tetrachloroethene data from groundwater monitoring shows that it has achieved four consecutive quarters below cleanup standards. The initial rounds of groundwater monitoring, after cleaning out sedimentation ponds at the plant, showed a downward trend for tetrachloroethene concentrations. (The sedimentation ponds were the suspected tetrachloroethene source, although the company does not use tetrachloroethene in any of its processes.) I indicated that Ecology's usual standard for groundwater cleanup is that after four quarters below cleanup standards, the site could be considered clean. Stoneway continued monitoring on a quarterly basis, as the downward trend has continued. As of the December 29, 2000, monitoring event, there have been four consecutive quarters with tetrachloroethene below cleanup standards. Therefore, I gave my verbal approval for Stoneway to discontinue monitoring for tetrachloroethene at this time.

It is my understanding that Stoneway will be continuing monitoring at two wells for tetrachloroethene, pH, and several other parameters on a semi-annual basis to comply with City of Renton requirements. Ecology's Water Quality Program has also deferred to the City of Renton's monitoring requirements to address concerns regarding high pH in groundwater. Further, in a conversation today with Donald Merlino, President of Stoneway, he made it clear that it is Stoneway's intent to fully cleanup the site when the company moves in approximately one year. At that time, Stoneway will take down the buildings and prepare the site for redevelopment or sale, which will include environmental cleanup. Mr. Merlino anticipated that the cleanup action would likely be submitted for review under Ecology's Voluntary Cleanup Program.

Cc: Donald Merlino
David Halinen
Tom Smayda

COPY

**Smayda Environmental Associates, Inc.**
*civil engineering and biological science*
139 NE 61st Street
Seattle, WA 98115

**(206) 522-6199 phone**
(206) 522-0160 fax
tomsmayda@aol.com

February 25, 2002

Mr. Donald J. Merlino
Stoneway Concrete
1915 Maple Valley Highway
Renton, WA 98055

**Re: Groundwater Monitoring at the Renton Batch Plant**
**January 22, 2002 Samples**

Dear Mr. Merlino:

Enclosed please find groundwater monitoring results from our most recent sampling. The sampling was performed at wells MW-40 and MW-42 located at the Stoneway Renton concrete batch plant (located at 1915 Maple Valley Highway in Renton) and the adjacent City of Renton Park (Figure 1).

Samples and field measurements at MW-40 and MW-42 were obtained by Tom Smayda on January 22, 2002. Field measurements included pH, specific conductance, temperature, turbidity and water level. The laboratory constituent list included volatile organic compounds, pH, alkalinity, total dissolved solids, calcium, chloride and potassium. Laboratory samples were analyzed by Aquatic Research, Inc.

The collected data is summarized on Table 1, with field data, laboratory data, quality assurance data and chain-of-custody documentation appended. All appropriate quality assurance protocols have been observed, including chain of custody documentation, sample holding time, instrument calibration, duplicates, blank determinations and matrix spike recovery. These quality assurance data (appended as part of the laboratory data) have been reviewed and no unusual problems have been identified. Based upon these protocols, the data are deemed suitable for their intended uses.

Groundwater quality in MW-40 has improved markedly during the past 3-½ years (Table 2, Figure 2). Joanne Polayes of the Department of Ecology indicated during April 2001 that the decline is convincing evidence that the pollutant source has been eliminated and that the groundwater is becoming acceptably clean.

COPY

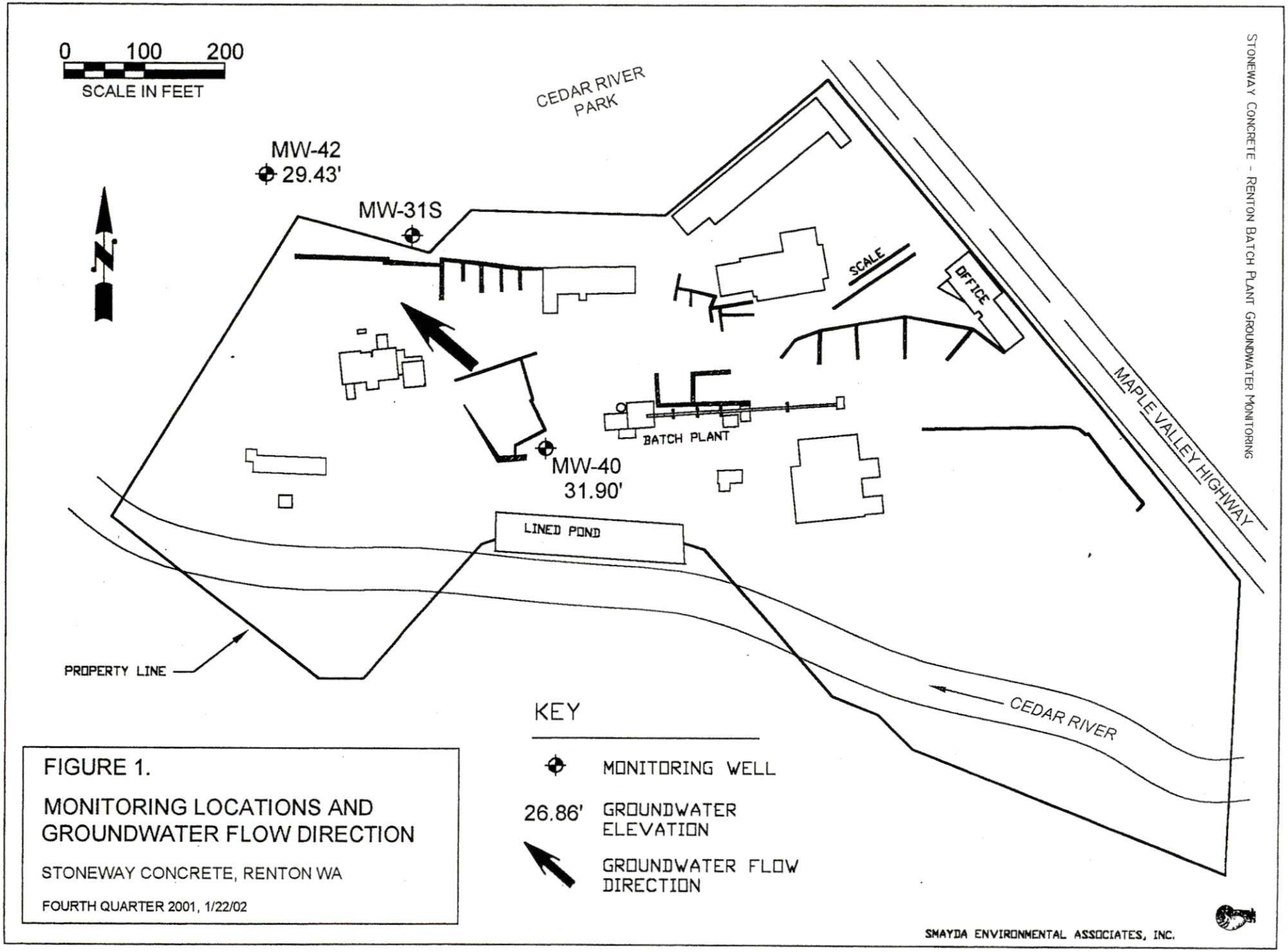



FIGURE 1.

MONITORING LOCATIONS AND GROUNDWATER FLOW DIRECTION

STONEWAY CONCRETE, RENTON WA

FOURTH QUARTER 2001, 1/22/02

STONEWAY CONCRETE - RENTON BATCH PLANT GROUNDWATER MONITORING

**Table 1.** Groundwater monitoring data for quarterly monitoring at the Stoneway Renton concrete batch plant. Only volatile organic compounds that have been detected at or below the laboratory detection limit since the first quarter 1999 are listed. Groundwater quality standard exeedances are underlined.

| **Stoneway**<br>**Renton Batch Plant**<br>Winter 2002<br>January 21, 2002 | units | **MW-40** | **MW-42** | **Groundwater Criteria**<br>WAC 173-200-040 |
|---|---|---|---|---|
| Location | | Stoneway | City Park | |
| **Field Measurements** | | | | |
| Water level | ft, MSL | 31.90 | 29.43 | -- |
| pH | units | 12.31 | 9.89 | -- |
| Specific Conductance | uS/cm | 2410 | 151 | -- |
| Temperature | Celsius | 13.2 | 10.2 | -- |
| Turbidity | NTU | clear | clear | -- |
| **Laboratory Measurements** | | | | |
| pH | units | <u>11.26</u> | <u>9.76</u> | 6.5 - 8.5 * |
| Alkalinity | mg CaCO3/L | 490.0 | 55.6 | -- |
| Total Dissolved Solids | mg/L | <u>1564</u> | 100 | 500 * |
| Calcium | mg/L | 127 | 7.40 | -- |
| Potassium | mg/L | 17.70 | 0.81 | -- |
| Chloride | mg/L | 3.00 | 2.20 | 300 * |
| **Volatile Organic Compounds** | | | | |
| 4-Isopropyltoluene | ug/L | 0.3 J | ND | -- |
| Naphthalene | ug/L | 0.2 J | ND | -- |
| Tetrachloroethene | ug/L | <u>3.3</u> | 0.3 J | 0.8 |
| Trichloroethene | ug/L | 0.4 | ND | 3.0 |
| Trichlorofluoromethane | ug/L | ND | ND | -- |
| 1,2,4-Trimethylbenzene | ug/L | 0.3 J | ND | -- |
| 1,3,5-Trimethylbenzene | ug/L | ND | ND | -- |
| Vinyl chloride | ug/L | ND | ND | 0.02 |
| Vinyl acetate | ug/L | ND | ND | -- |
| trans-1,4-Dichloro-2-Butene | ug/L | ND | ND | -- |
| sec-Butylbenzene | ug/L | ND | ND | -- |
| 1,2-Dichlorobenzene | ug/L | ND | ND | -- |
| Benzene | ug/L | ND | ND | 1.0 |
| 2,2-Dichloropropene | ug/L | ND | ND | -- |
| Toluene | ug/L | 0.2 J | ND | -- |
| p/m-Xylene | ug/L | 0.2 J | ND | -- |
| o-Xylene | ug/L | ND | ND | -- |
| Methylene chloride | ug/L | 1.0 | 0.8 | -- |
| 4-Methyl-2-Pentanone | ug/L | ND | ND | -- |

**Notes:**

ND Indicates compound analysed for but not detected.

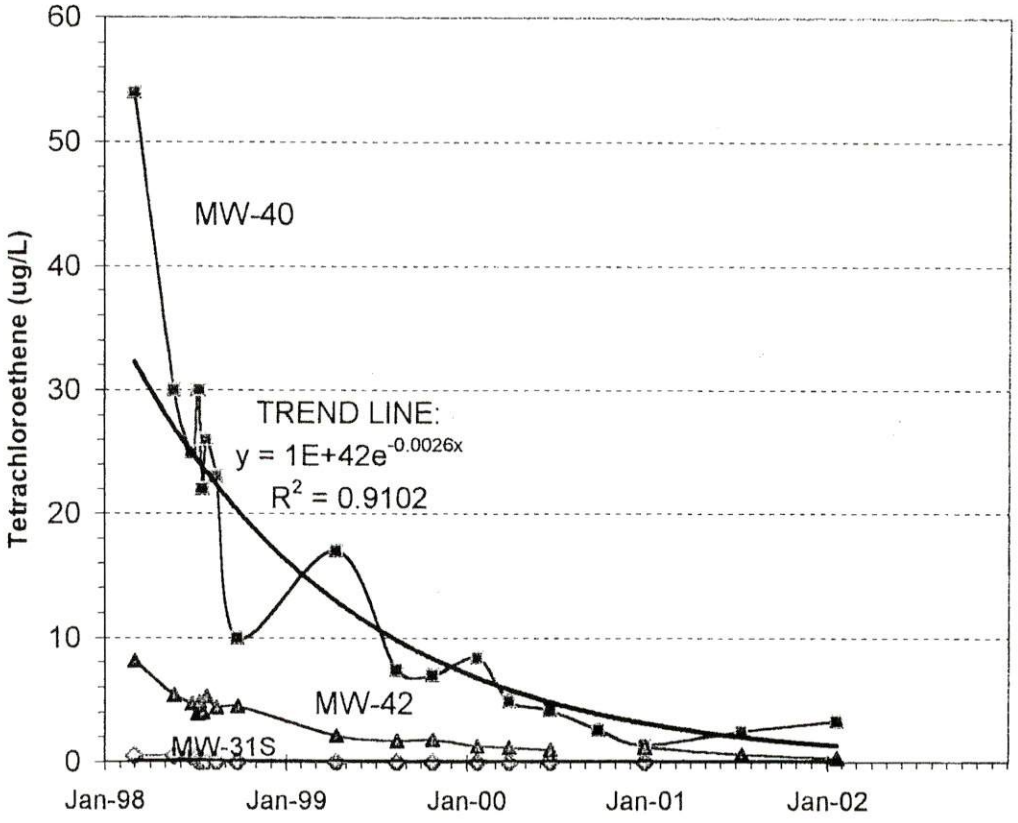
J Estimated value, compound detected but below the specified detection limit.

* Secondary contaminant criteria, not related to human health.

Ground water level elevations in the wells continue to indicate a general northwest direction of flow (Figure 1).

*Table 2. Trends of tetrachloroethene in the 2 monitoring wells in ug/L.*

| | MW-40 | MW-42 |
|---|---|---|
| 3-3-98 | 54 | 8.1 |
| 5-20-98 | 30 | 5.4 |
| 6-26-98 | 25 | 4.7 |
| 7-6-98 | 30 | 3.9 |
| 7-10-98 | 30 | 4.8 |
| 7-17-98 | 22 | 4.0 |
| 7-24-98 | 26 | 5.3 |
| 8-14-98 | 23 | 4.4 |
| 9-25-98 | 10 | 4.5 |
| 4-13-99 | 17 | 2.1 |
| 8-13-99 | 7.4 | 1.7 |
| 10-25-99 | 7.0 | 1.8 |
| 1-25-00 | 8.1 | 1.3 |
| 3-30-00 | 4.9 | 1.2 |
| 6-21-00 | 4.2 | 1.0 |
| 9-27-00 | 2.6 | NA |
| 12-29-00 | 1.4 | 1.2 |
| 7-12-01 | 2.5 | 0.6 |
| 1-22-02 | 3.3 | 0.3 |




Please contact me with any questions or comments.

Very truly yours,

Tom Smayda

Thomas J. Smayda, P.E.
Smayda Environmental Associates, Inc.

Enclosures: Field data sheet
Chain of custody sheet
Laboratory data sheets with QA/QC data

AQUATIC RESEARCH
*CONSULTING AND LABORATORY SERVICES*
*FOR WATER RESOURCES*

February 22, 2002

Recd
2/24/02
TJS

Tom Smayda
139 N.E. 61st
Seattle, WA 98115

Dear Tom:

Please find enclosed a data report and invoice for the laboratory analysis of samples delivered on 01/22/02.

Please contact me if you have any questions regarding this report or invoice.

Sincerely,

AQUATIC RESEARCH INCORPORATED

Steven Lazoff
Laboratory Director

AQUATIC RESEARCH, INC.
3927 AURORA AVENUE, N.
SEATTLE, WA 98103
PHONE: (206) 632-2715
FAX: (206) 632-2417

# AQUATIC RESEARCH INCORPORATED

**LABORATORY & CONSULTING SERVICES**

3927 AURORA AVENUE NORTH, SEATTLE, WA 98103

PHONE: (206) 632-2715 FAX: (206) 632-2417


| | | | |
|---|---|---|---|
| **CASE FILE NUMBER:** | **TJS001-16** | | **PAGE 1** |
| **REPORT DATE:** | 02/22/02 | | |
| **DATE SAMPLED:** | 01/22/02 | **DATE RECEIVED:** | 01/22/02 |

**FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM SMAYDA ENVIRONMENTAL / STONEWAY RENTON**

## CASE NARRATIVE

Three water samples were received by the laboratory in good condition. The samples were analyzed according to the chain of custody. Sample data follows while QA/QC data is contained on subsequent pages. Organics data is included as a separate report.

## SAMPLE DATA

| SAMPLE ID | pH | ALKALINITY (mgCaCO3/l) | TDS (mg/l) | CALCIUM (mg/l) | POTASSIUM (mg/l) | CHLORIDE (mg/l) |
|---|---|---|---|---|---|---|
| MW-40 | 11.26 | 490 | 1564 | 127 | 17.7 | 3.00 |
| MW-42 | 9.76 | 55.6 | 100 | 7.4 | 0.813 | 2.20 |

# AQUATIC RESEARCH INCORPORATED

**LABORATORY & CONSULTING SERVICES**

**3927 AURORA AVENUE NORTH, SEATTLE, WA 98103**

**PHONE: (206) 632-2715 FAX: (206) 632-2417**


| | | | |
|---|---|---|---|
| **CASE FILE NUMBER:** | **TJS001-16** | **PAGE 2** | |
| **REPORT DATE:** | **02/22/02** | | |
| **DATE SAMPLED:** | **01/22/02** | **DATE RECEIVED:** | **01/22/02** |

**FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER SAMPLES FROM SMAYDA ENVIRONMENTAL / STONEWAY RENTON**

**QA/QC DATA**

| QC PARAMETER | pH | ALKALINITY (mgCaCO3/l) | TDS (mg/l) | CALCIUM (mg/l) | POTASSIUM (mg/l) | CHLORIDE (mg/l) |
|---|---|---|---|---|---|---|
| METHOD | EPA 150.1 | EPA 310.1 | EPA 160.1 | EPA 200.7 | EPA 200.7 | EPA 325.3 |
| DATE ANALYZED | 01/22/02 | 01/29/02 | 01/29/02 | 02/22/02 | 02/22/02 | 02/08/02 |
| DETECTION LIMIT | | 1.00 | 5.00 | 0.100 | 0.700 | 0.50 |
| DUPLICATE | | | | | | |
| SAMPLE ID | | BATCH | MW 42 | MW-40 | MW-40 | BATCH |
| ORIGINAL | | 55.4 | 100 | 127 | 17.7 | 0.90 |
| DUPLICATE | | 55.7 | 87.2 | 125 | 14.6 | 0.90 |
| RPD | NA | 0.54% | 13.68% | 1.27% | 18.98% | 0.00% |
| SPIKE SAMPLE | | | | | | |
| SAMPLE ID | | | | MW-40 | MW-40 | BATCH |
| ORIGINAL | | | | 127 | 17.7 | 0.90 |
| SPIKED SAMPLE | | | | 148 | 81.4 | 11.0 |
| SPIKE ADDED | | | | 20.0 | 60.0 | 10.0 |
| % RECOVERY | NA | NA | NA | 107.00% | 106.25% | 100.97% |
| QC CHECK | | | | | | |
| FOUND | | | | 45.9 | 48.7 | 28.9 |
| TRUE | | | | 50.0 | 50.0 | 30.0 |
| % RECOVERY | NA | NA | NA | 91.80% | 97.40% | 96.30% |
| BLANK | NA | NA | 6.00 | <0.050 | <0.500 | <0.50 |

RPD = RELATIVE PERCENT DIFFERENCE.
NA = NOT APPLICABLE OR NOT AVAILABLE.
NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.
OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:

Steven Lazoff
Laboratory Director

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **1/30/02-MB** | Matrix: | Water |
| Sample ID No.: | **Method Blank** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **n/a** | Dilution Factor: | **1** |
| Date Received: | **n/a** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SC |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0301003.D** | | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U |
| 74-97-5 | Bromochloromethane | 0.4 | U |
| 74-83-9 | Bromomethane | 0.4 | U |
| 104-51-8 | n-Butylbenzene | 0.4 | U |
| 135-98-8 | sec-Butylbenzene | 0.4 | U |
| 98-06-6 | tert-Butylbenzene | 0.4 | U |
| 56-23-5 | Carbon tetrachloride | 0.4 | U |
| 108-90-7 | Chlorobenzene | 0.4 | U |
| 75-00-3 | Chloroethane | 0.4 | U |
| 74-87-3 | Chloromethane | 0.4 | U |
| 95-49-8 | 2-Chlorotoluene | 0.4 | U |
| 106-43-4 | 4-Chlorotoluene | 0.4 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | 0.4 | U |
| 106-93-4 | 1,2-Dibromoethane | 0.4 | U |
| 74-95-3 | Dibromomethane | 0.4 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U |
| 156-59-4 | cis-1,2-Dichloroethene | 0.4 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U |
| 98-82-8 | Isopropylbenzene | 0.4 | U |
| 99-87-6 | 4-Isopropyltoluene | 0.4 | U |
| 75-09-2 | Methylene chloride | 0.3 | J |
| 91-20-3 | Naphthalene | 0.4 | U |
| 103-65-1 | n-Propylbenzene | 0.4 | U |
| 100-42-5 | Styrene | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 0.4 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.4 | U |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.4 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.4 | U |
| 75-01-4 | Vinyl chloride | 0.4 | U |

| | **BTEX** | | |
|---|---|---|---|
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.4 | U |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.4 | U |
| 95-47-6 | o-Xylene | 0.4 | U |

| | **TRIHALOMETHANES (THM)** | | |
|---|---|---|---|
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |

| | **KETONES, CS2, 2-CEVE** | | |
|---|---|---|---|
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| | | | |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| Surrogate Recoveries | %Rec. | QC limits **Water** | **Soil** |
|---|---|---|---|
| Dibromofluoromethane | 105% | 86-118 | 80-120% |
| Toluene-d8 | 94% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 107% | 86-115 | 74-121% |

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **1/30/02-MB** | Matrix: | Water |
| Sample ID No.: | **Method Blank** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **n/a** | Dilution Factor: | **1** |
| Date Received: | **n/a** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: SC | |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0301003.D** | | |

| CAS# | Name of Compound | Amount (ppb) | Flag | CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|---|---|---|---|
| 107-13-1 | Acrylonitrile | 0.4 | U | 126-98-7 | Methacrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U | 96-33-3 | Methyl Acrylate | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U | 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 110-57-6 | trans-1,4-Dichloro-2-Buten | 0.4 | U | 80-62-6 | Methyl methacrylate | 0.4 | U |
| 60-29-7 | Diethyl Ether | 0.4 | U | 98-95-3 | Nitrobenzene | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U | 79-46-9 | 2-Nitropropane | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U | 76-01-7 | Pentachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U | 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of alkanes/alkenes is not possible to resolve.

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **1/30/02-LCS** | Matrix: | Water |
| Sample ID No.: | **Laboratory Control Spike** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **n/a** | Dilution Factor: | **1** |
| Date Received: | **n/a** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SC |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0401004.D** | | |

| Surrogate Recoveries | %Rec. | QC limits | |
|---|---|---|---|
| | | **Water** | **Soil** |
| Dibromofluoromethane | 103% | 86-118 | 80-120% |
| Toluene-d8 | 93% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 96% | 86-115 | 74-121% |

| Spike Recoveries | %Rec. | QC limits | |
|---|---|---|---|
| | | **Water** | **Soil** |
| 1,1-Dichloroethene | 103% | 50-150 | 50-150% |
| Benzene | 103% | 50-150 | 50-150% |
| Trichloroethene | 111% | 50-150 | 50-150% |
| Toluene | 101% | 50-150 | 50-150% |
| Chlorobenzene | 96% | 50-150 | 50-150% |

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A1** | Matrix: | Water |
| Sample ID No.: | **MW-40** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **01/22/02** | Dilution Factor: | **1** |
| Date Received: | **01/22/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SC |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0501005.D** | | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U |
| 74-97-5 | Bromochloromethane | 0.4 | U |
| 74-83-9 | Bromomethane | 0.4 | U |
| 104-51-8 | n-Butylbenzene | 0.4 | U |
| 135-98-8 | sec-Butylbenzene | 0.4 | U |
| 98-06-6 | tert-Butylbenzene | 0.4 | U |
| 56-23-5 | Carbon tetrachloride | 0.4 | U |
| 108-90-7 | Chlorobenzene | 0.4 | U |
| 75-00-3 | Chloroethane | 0.4 | U |
| 74-87-3 | Chloromethane | 0.4 | U |
| 95-49-8 | 2-Chlorotoluene | 0.4 | U |
| 106-43-4 | 4-Chlorotoluene | 0.4 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | 0.4 | U |
| 106-93-4 | 1,2-Dibromoethane | 0.4 | U |
| 74-95-3 | Dibromomethane | 0.4 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U |
| 156-59-4 | cis-1,2-Dichloroethene | 0.4 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U |
| 98-82-8 | Isopropylbenzene | 0.4 | U |
| 99-87-6 | 4-Isopropyltoluene | 0.3 | J |
| 75-09-2 | Methylene chloride | 1.0 | |
| 91-20-3 | Naphthalene | 0.2 | J |
| 103-65-1 | n-Propylbenzene | 0.4 | U |
| 100-42-5 | Styrene | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 3.3 | |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.4 | |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.3 | J |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.4 | U |
| 75-01-4 | Vinyl chloride | 0.4 | U |

| | **BTEX** | | |
|---|---|---|---|
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.2 | J |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.2 | J |
| 95-47-6 | o-Xylene | 0.4 | U |

| | **TRIHALOMETHANES (THM)** | | |
|---|---|---|---|
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |

| | **KETONES, CS2, 2-CEVE** | | |
|---|---|---|---|
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| | | | |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| Surrogate Recoveries | %Rec. | QC limits **Water** | **Soil** |
|---|---|---|---|
| Dibromofluoromethane | 102% | 86-118 | 80-120% |
| Toluene-d8 | 101% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 100% | 86-115 | 74-121% |

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A1** | Matrix: | Water |
| Sample ID No.: | **MW-40** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **01/22/02** | Dilution Factor: | **1** |
| Date Received: | **01/22/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SL |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0501005.D** | | |

| CAS# | Name of Compound | Amount (ppb) | Flag | CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|---|---|---|---|
| 107-13-1 | Acrylonitrile | 0.4 | U | 126-98-7 | Methacrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U | 96-33-3 | Methyl Acrylate | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U | 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 110-57-6 | trans-1,4-Dichloro-2-Buten | 0.4 | U | 80-62-6 | Methyl methacrylate | 0.4 | U |
| 60-29-7 | Diethyl Ether | 0.4 | U | 98-95-3 | Nitrobenzene | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U | 79-46-9 | 2-Nitropropane | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U | 76-01-7 | Pentachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U | 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of alkanes/alkenes is not possible to resolve.

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A1 Dup** | Matrix: | Water |
| Sample ID No.: | **MW-40 Duplicate** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **01/22/02** | Dilution Factor: | **1** |
| Date Received: | **01/22/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SC |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0601006.D** | | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U |
| 74-97-5 | Bromochloromethane | 0.4 | U |
| 74-83-9 | Bromomethane | 0.4 | U |
| 104-51-8 | n-Butylbenzene | 0.4 | U |
| 135-98-8 | sec-Butylbenzene | 0.4 | U |
| 98-06-6 | tert-Butylbenzene | 0.4 | U |
| 56-23-5 | Carbon tetrachloride | 0.4 | U |
| 108-90-7 | Chlorobenzene | 0.4 | U |
| 75-00-3 | Chloroethane | 0.4 | U |
| 74-87-3 | Chloromethane | 0.4 | U |
| 95-49-8 | 2-Chlorotoluene | 0.4 | U |
| 106-43-4 | 4-Chlorotoluene | 0.4 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | 0.4 | U |
| 106-93-4 | 1,2-Dibromoethane | 0.4 | U |
| 74-95-3 | Dibromomethane | 0.4 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U |
| 156-59-4 | cis-1,2-Dichloroethene | 0.4 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U |
| 98-82-8 | Isopropylbenzene | 0.4 | U |
| 99-87-6 | 4-Isopropyltoluene | 0.3 | J |
| 75-09-2 | Methylene chloride | 0.8 | |
| 91-20-3 | Naphthalene | 0.3 | J |
| 103-65-1 | n-Propylbenzene | 0.4 | U |
| 100-42-5 | Styrene | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 3.5 | |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.5 | |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.3 | J |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.1 | J |
| 75-01-4 | Vinyl chloride | 0.4 | U |

| | **BTEX** | | |
|---|---|---|---|
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.1 | J |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.2 | J |
| 95-47-6 | o-Xylene | 0.4 | U |

| | **TRIHALOMETHANES (THM)** | | |
|---|---|---|---|
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |

| | **KETONES, CS2, 2-CEVE** | | |
|---|---|---|---|
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| | | | |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| | | QC limits | |
|---|---|---|---|
| Surrogate Recoveries | %Rec. | **Water** | **Soil** |
| Dibromofluoromethane | 117% | 86-118 | 80-120% |
| Toluene-d8 | 106% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 109% | 86-115 | 74-121% |

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# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A1 Dup** | Matrix: | Water |
| Sample ID No.: | **MW-40 Duplicate** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **01/22/02** | Dilution Factor: | **1** |
| Date Received: | **01/22/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SC |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0601006.D** | | |

| CAS# | Name of Compound | Amount (ppb) | Flag | CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|---|---|---|---|
| 107-13-1 | Acrylonitrile | 0.4 | U | 126-98-7 | Methacrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U | 96-33-3 | Methyl Acrylate | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U | 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 110-57-6 | trans-1,4-Dichloro-2-Buten | 0.4 | U | 80-62-6 | Methyl methacrylate | 0.4 | U |
| 60-29-7 | Diethyl Ether | 0.4 | U | 98-95-3 | Nitrobenzene | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U | 79-46-9 | 2-Nitropropane | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U | 76-01-7 | Pentachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U | 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of alkanes/alkenes is not possible to resolve.

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# Percent Difference Report

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A1 Dup** | Matrix: | Water |
| Sample ID No.: | **MW-40 Duplicate** | Sample Wt/Vol. (gm/ml) | **25** |
| Date Collected: | **01/22/02** | Dilution Factor: | **1** |
| Date Received: | **01/22/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Dat of Report: | **01/31/02** | Supervisor's Initials: | SL |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0601006.D** | | |

| CAS# | Name of Compound | % RPD | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | | NC |
| 74-97-5 | Bromochloromethane | | NC |
| 74-83-9 | Bromomethane | | NC |
| 104-51-8 | n-Butylbenzene | | NC |
| 135-98-8 | sec-Butylbenzene | | NC |
| 98-06-6 | tert-Butylbenzene | | NC |
| 56-23-5 | Carbon tetrachloride | | NC |
| 108-90-7 | Chlorobenzene | | NC |
| 75-00-3 | Chloroethane | | NC |
| 74-87-3 | Chloromethane | | NC |
| 95-49-8 | 2-Chlorotoluene | | NC |
| 106-43-4 | 4-Chlorotoluene | | NC |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | | NC |
| 106-93-4 | 1,2-Dibromoethane | | NC |
| 74-95-3 | Dibromomethane | | NC |
| 95-50-1 | 1,2-Dichlorobenzene | | NC |
| 541-73-1 | 1,3-Dichlorobenzene | | NC |
| 106-46-7 | 1,4-Dichlorobenzene | | NC |
| 75-71-8 | Dichlorodifluoromethane | | NC |
| 75-34-3 | 1,1-Dichloroethane | | NC |
| 107-06-2 | 1,2-Dichloroethane | | NC |
| 75-35-4 | 1,1-Dichloroethene | | NC |
| 156-59-4 | cis-1,2-Dichloroethene | | NC |
| 156-60-5 | trans-1,2-Dichloroethene | | NC |
| 78-87-5 | 1,2-Dichloropropane | | NC |
| 142-28-9 | 1,3-Dichloropropane | | NC |
| 590-20-7 | 2,2-Dichloropropane | | NC |
| 563-58-6 | 1,1-Dichloropropene | | NC |
| 10061-01 | cis-1,3-Dichloropropene | | NC |
| 10061-02 | trans-1,3-Dichloropropene | | NC |
| 87-68-3 | Hexachlorobutadiene | | NC |
| 98-82-8 | Isopropylbenzene | | NC |
| 99-87-6 | 4-Isopropyltoluene | 0% | |
| 75-09-2 | Methylene chloride | 22% | |
| 91-20-3 | Naphthalene | 40% | |
| 103-65-1 | n-Propylbenzene | | NC |
| 100-42-5 | Styrene | | NC |

| CAS# | Name of Compound | % RPD | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | | NC |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | | NC |
| 127-18-4 | Tetrachloroethene | 6% | |
| 87-61-6 | 1,2,3-Trichlorobenzene | | NC |
| 120-82-1 | 1,2,4-Trichlorobenzene | | NC |
| 71-55-6 | 1,1,1-Trichloroethane | | NC |
| 79-00-5 | 1,1,2-Trichloroethane | | NC |
| 79-01-6 | Trichloroethene | 22% | |
| 75-69-4 | Trichlorofluoromethane | | NC |
| 96-18-4 | 1,2,3-Trichloropropane | | NC |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0% | |
| 108-67-8 | 1,3,5-Trimethylbenzene | | NC |
| 75-01-4 | Vinyl chloride | | NC |

| | **BTEX** | | |
|---|---|---|---|
| 71-43-2 | Benzene | | NC |
| 108-88-3 | Toluene | 67% | |
| 100-41-4 | Ethylbenzene | | NC |
| | p/m-Xylene | 0% | |
| 95-47-6 | o-Xylene | | NC |

| | **TRIHALOMETHANES (THM)** | | |
|---|---|---|---|
| 67-66-3 | Chloroform | | NC |
| 75-27-4 | Bromodichloromethane | | NC |
| 124-48-1 | Dibromochloromethane | | NC |
| 75-25-2 | Bromoform | | NC |

| | **KETONES, CS2, 2-CEVE** | | |
|---|---|---|---|
| 67-64-1 | Acetone | | NC |
| 78-93-3 | 2-Butanone | | NC |
| 591-78-6 | 2-Hexanone | | NC |
| 108-10-1 | 4-Methyl-2-Pentanone | | NC |
| | | | |
| 75-15-0 | Carbon Disulfide | | NC |
| 110-75-8 | 2-Chloroethylvinylether | | NC |

| SURROGATE RECOVERIES | % Recovery Sample | Dup |
|---|---|---|
| Dibromofluoromethane | 102% | 117% |
| Toluene-d8 | 101% | 106% |
| 4-Bromofluorobenzene | 100% | 109% |

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# Percent Difference Report

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A1 Dup** | Matrix: | Water |
| Sample ID No.: | **MW-40 Duplicate** | Sample Wt/Vol. (gm/ml) | **25** |
| Date Collected: | **01/22/02** | Dilution Factor: | **1** |
| Date Received: | **01/22/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Dat of Report: | **01/31/02** | Supervisor's Initials: | SC |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0601006.D** | | |

| CAS# | Name of Compound | % RPD | Flag |
|---|---|---|---|
| 107-13-1 | Acrylonitrile | | NC |
| 107-05-1 | Allyl Chloride | | NC |
| 109-69-3 | 1-Chlorobutane | | NC |
| 110-57-6 | trans-1,4-Dichloro-2-Buten | | NC |
| 60-29-7 | Diethyl Ether | | NC |
| 97-63-2 | Ethyl Methacrylate | | NC |
| 67-72-1 | Hexachloroethane | | NC |
| 74-88-4 | Iodomethane | | NC |

| CAS# | Name of Compound | % RPD | Flag |
|---|---|---|---|
| 126-98-7 | Methacrylonitrile | | NC |
| 96-33-3 | Methyl Acrylate | | NC |
| 1634-04- | Methyl-t-Butyl Ether | | NC |
| 80-62-6 | Methyl methacrylate | | NC |
| 98-95-3 | Nitrobenzene | | NC |
| 79-46-9 | 2-Nitropropane | | NC |
| 76-01-7 | Pentachloroethane | | NC |
| 108-05-4 | Vinyl Acetate | | NC |

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A2** | Matrix: | Water |
| Sample ID No.: | **MW-42** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **01/22/02** | Dilution Factor: | **1** |
| Date Received: | **01/22/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SC |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0701007.D** | | |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 108-86-1 | Bromobenzene | 0.4 | U |
| 74-97-5 | Bromochloromethane | 0.4 | U |
| 74-83-9 | Bromomethane | 0.4 | U |
| 104-51-8 | n-Butylbenzene | 0.4 | U |
| 135-98-8 | sec-Butylbenzene | 0.4 | U |
| 98-06-6 | tert-Butylbenzene | 0.4 | U |
| 56-23-5 | Carbon tetrachloride | 0.4 | U |
| 108-90-7 | Chlorobenzene | 0.4 | U |
| 75-00-3 | Chloroethane | 0.4 | U |
| 74-87-3 | Chloromethane | 0.4 | U |
| 95-49-8 | 2-Chlorotoluene | 0.4 | U |
| 106-43-4 | 4-Chlorotoluene | 0.4 | U |
| 96-12-8 | 1,2-Dibromo-3-Chloroprop | 0.4 | U |
| 106-93-4 | 1,2-Dibromoethane | 0.4 | U |
| 74-95-3 | Dibromomethane | 0.4 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 0.4 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 0.4 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 0.4 | U |
| 75-71-8 | Dichlorodifluoromethane | 0.4 | U |
| 75-34-3 | 1,1-Dichloroethane | 0.4 | U |
| 107-06-2 | 1,2-Dichloroethane | 0.4 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.4 | U |
| 156-59-4 | cis-1,2-Dichloroethene | 0.4 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 0.4 | U |
| 78-87-5 | 1,2-Dichloropropane | 0.4 | U |
| 142-28-9 | 1,3-Dichloropropane | 0.4 | U |
| 590-20-7 | 2,2-Dichloropropane | 0.4 | U |
| 563-58-6 | 1,1-Dichloropropene | 0.4 | U |
| 10061-01 | cis-1,3-Dichloropropene | 0.4 | U |
| 10061-02 | trans-1,3-Dichloropropene | 0.4 | U |
| 87-68-3 | Hexachlorobutadiene | 0.4 | U |
| 98-82-8 | Isopropylbenzene | 0.4 | U |
| 99-87-6 | 4-Isopropyltoluene | 0.4 | U |
| 75-09-2 | Methylene chloride | 0.8 | |
| 91-20-3 | Naphthalene | 0.4 | U |
| 103-65-1 | n-Propylbenzene | 0.4 | U |
| 100-42-5 | Styrene | 0.4 | U |

| CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 0.4 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.4 | U |
| 127-18-4 | Tetrachloroethene | 0.3 | J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.4 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.4 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 0.4 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 0.4 | U |
| 79-01-6 | Trichloroethene | 0.4 | U |
| 75-69-4 | Trichlorofluoromethane | 0.4 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 0.4 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.4 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.4 | U |
| 75-01-4 | Vinyl chloride | 0.4 | U |

| | **BTEX** | | |
|---|---|---|---|
| 71-43-2 | Benzene | 0.4 | U |
| 108-88-3 | Toluene | 0.4 | U |
| 100-41-4 | Ethylbenzene | 0.4 | U |
| | p/m-Xylene | 0.4 | U |
| 95-47-6 | o-Xylene | 0.4 | U |

| | **TRIHALOMETHANES (THM)** | | |
|---|---|---|---|
| 67-66-3 | Chloroform | 0.4 | U |
| 75-27-4 | Bromodichloromethane | 0.4 | U |
| 124-48-1 | Dibromochloromethane | 0.4 | U |
| 75-25-2 | Bromoform | 0.4 | U |

| | **KETONES, CS2, 2-CEVE** | | |
|---|---|---|---|
| 67-64-1 | Acetone | 0.4 | U |
| 78-93-3 | 2-Butanone | 0.4 | U |
| 591-78-6 | 2-Hexanone | 0.4 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.4 | U |
| | | | |
| 75-15-0 | Carbon Disulfide | 0.4 | U |
| 110-75-8 | 2-Chloroethylvinylether | 0.4 | U |

| | | QC limits | |
|---|---|---|---|
| Surrogate Recoveries | %Rec. | **Water** | **Soil** |
| Dibromofluoromethane | 111% | 86-118 | 80-120% |
| Toluene-d8 | 106% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 97% | 86-115 | 74-121% |

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A2** | Matrix: | Water |
| Sample ID No.: | **MW-42** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **01/22/02** | Dilution Factor: | **1** |
| Date Received: | **01/22/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SL |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0701007.D** | | |

| CAS# | Name of Compound | Amount (ppb) | Flag | CAS# | Name of Compound | Amount (ppb) | Flag |
|---|---|---|---|---|---|---|---|
| 107-13-1 | Acrylonitrile | 0.4 | U | 126-98-7 | Methacrylonitrile | 0.4 | U |
| 107-05-1 | Allyl Chloride | 0.4 | U | 96-33-3 | Methyl Acrylate | 0.4 | U |
| 109-69-3 | 1-Chlorobutane | 0.4 | U | 1634-04- | Methyl-t-Butyl Ether | 0.4 | U |
| 110-57-6 | trans-1,4-Dichloro-2-Buten | 0.4 | U | 80-62-6 | Methyl methacrylate | 0.4 | U |
| 60-29-7 | Diethyl Ether | 0.4 | U | 98-95-3 | Nitrobenzene | 0.4 | U |
| 97-63-2 | Ethyl Methacrylate | 0.4 | U | 79-46-9 | 2-Nitropropane | 0.4 | U |
| 67-72-1 | Hexachloroethane | 0.4 | U | 76-01-7 | Pentachloroethane | 0.4 | U |
| 74-88-4 | Iodomethane | 0.4 | U | 108-05-4 | Vinyl Acetate | 0.4 | U |

FLAGS:

| | |
|---|---|
| U | Indicates compound was analyzed for, but not detected at the specified detection limit. |
| B | Blank contaminated with this analyte. |
| J | Estimated value - compound positively identified, but below specified detection limit. |
| E | Estimated value - compound exceeded calibration range. |
| D | Compound analyzed at a secondary dilution factor of _____ from data file: _____ |
| PP | Compound Purges Poorly, requiring elevated detection limit. |

NOTE: ppb Amounts are in µg/L or µg/KG dry weight.

Tenatively Identified Compounds

| R.T. | CAS# | Compound | Rel. Conc. |
|---|---|---|---|

The above compounds have been tentatively identified as present. In general, specific identities of isomers of alkanes/alkenes is not possible to resolve.

Aquatic Research Inc.
3927 Aurora Ave. N. , Seattle, WA 98103 | (206) 632-2715

# VOLATILE ORGANIC CHEMICAL REPORT

Results of Analysis by EPA Method 8260
Measurement of Purgeable Organic Compounds by Capillary Column
Gas Chromatography/Mass Spectrometry

| | | | |
|---|---|---|---|
| Case File Number: | **TJS00116A2 MS** | Matrix: | Water |
| Sample ID No.: | **MW-42 Matrix Spike** | Sample Wt/Vol. (gm/ml) | **25.0** |
| Date Collected: | **01/23/02** | Dilution Factor: | **1** |
| Date Received: | **01/23/02** | | |
| Date Analyzed | **01/30/02** | Analyst: | **T. Meadows** |
| Date of Report: | **01/31/02** | Supervisor's Initials: | SC |
| Data File Path: | **C:\HPCHEM\1\DATA\VOA\020 0801008.D** | | |

| Surrogate Recoveries | %Rec. | QC limits | |
|---|---|---|---|
| | | **Water** | **Soil** |
| Dibromofluoromethane | 94% | 86-118 | 80-120% |
| Toluene-d8 | 99% | 88-110 | 81-117% |
| 4-Bromofluorobenzene | 92% | 86-115 | 74-121% |

| Spike Recoveries | %Rec. | QC limits | |
|---|---|---|---|
| | | **Water** | **Soil** |
| 1,1-Dichloroethene | 110% | 50-150 | 50-150% |
| Benzene | 113% | 50-150 | 50-150% |
| Trichloroethene | 120% | 50-150 | 50-150% |
| Toluene | 116% | 50-150 | 50-150% |
| Chlorobenzene | 103% | 50-150 | 50-150% |

TJS001-1E

**Smayda Environmental Associates, Inc**
139 NE 61st Street
Seattle, WA 98115
(206) 522-6199 voice
(206) 522-0160 fax

# CHAIN OF CUSTODY RECORD

**Sampling Location:** Renton Batch Plant

**Page** 1 **of** 1

**Sampling Date:** 1-22-02

**Samplers:** TJS

**Client:** Stoneway **Client ID:**

**Parameter List**

| Sample Identification | Date Sampled | Time Sampled | Matrix | VOA | pH, Alkalinity | TDS | Ca, K, Cl | | | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW 40 | 1-22-02 | 130 | $H_2O$ | X | X | X | X | | | | | | | pH = 11.26 |
| MW 42 | 1-22-02 | 100 | $H_2O$ | X | X | X | X | | | | | | | = 9.76 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| | Signature | Affilliation | Date | Time |
|---|---|---|---|---|
| **Relinquished by:** | Tom Smayda | SEA Inc | 1-22-02 | 300 |
| **Received by:** | | | 1/22/02 | ~~15:00~~ |
| **Relinquished by:** | | | | |
| **Received by:** | | | | |

**Remarks**

# Stoneway- Renton Batch Plant

## Quarterly Groundwater Monitoring

1-22-02 (date) | 4th 2001 (quarter) | TJS (samplers)

1330 - 2330 pm

**MW-42** (at Park)

Well Depth (ft) 40.0
Depth to Water (ft) 20.01
Water Depth (ft) 19.99
Water level (ft, MSL) 29.43
Specific Conductance (uS/cm) 150.8
pH 9.89

Well Elevation (top of PVC, ft MSL) 49.44
Water Volume (gal) 3.26
Purge Volume (gal) 5 gal
Purge Water Appearance Clear
Temperature (deg. C) 10.2
Turbidity (ntu) –

**MW-40** (at Stoneway)

Well Depth (ft) 25.0
Depth to Water (ft) 10.77
Water Depth (ft) 14.23
Water level (ft, MSL) 31.90
Specific Conductance (uS/cm) 2410
pH 12.31

Well Elevation (top of PVC) 42.67
Water Volume (gal) 2.32
Purge Volume (gal) 5
Purge Water Appearance Clear
Temperature (deg. C) 13.2
Turbidity (ntu) –

**MW-31S** (at Park)

No longer sampled.

Well Depth (ft) 43.0
Depth to Water (ft) _____
Water Depth (ft) _____
Water level (ft, MSL) _____
Specific Conductance (uS/cm) _____
pH _____

Well Elevation (top of PVC) 50.76
Water Volume (gal) _____
Purge Volume (gal) _____
Purge Water Appearance _____
Temperature (deg. C) _____
Turbidity (ntu) _____

Notes: Samples collected for: pH, Alk, VOA, TDS, K, Ca, Cl

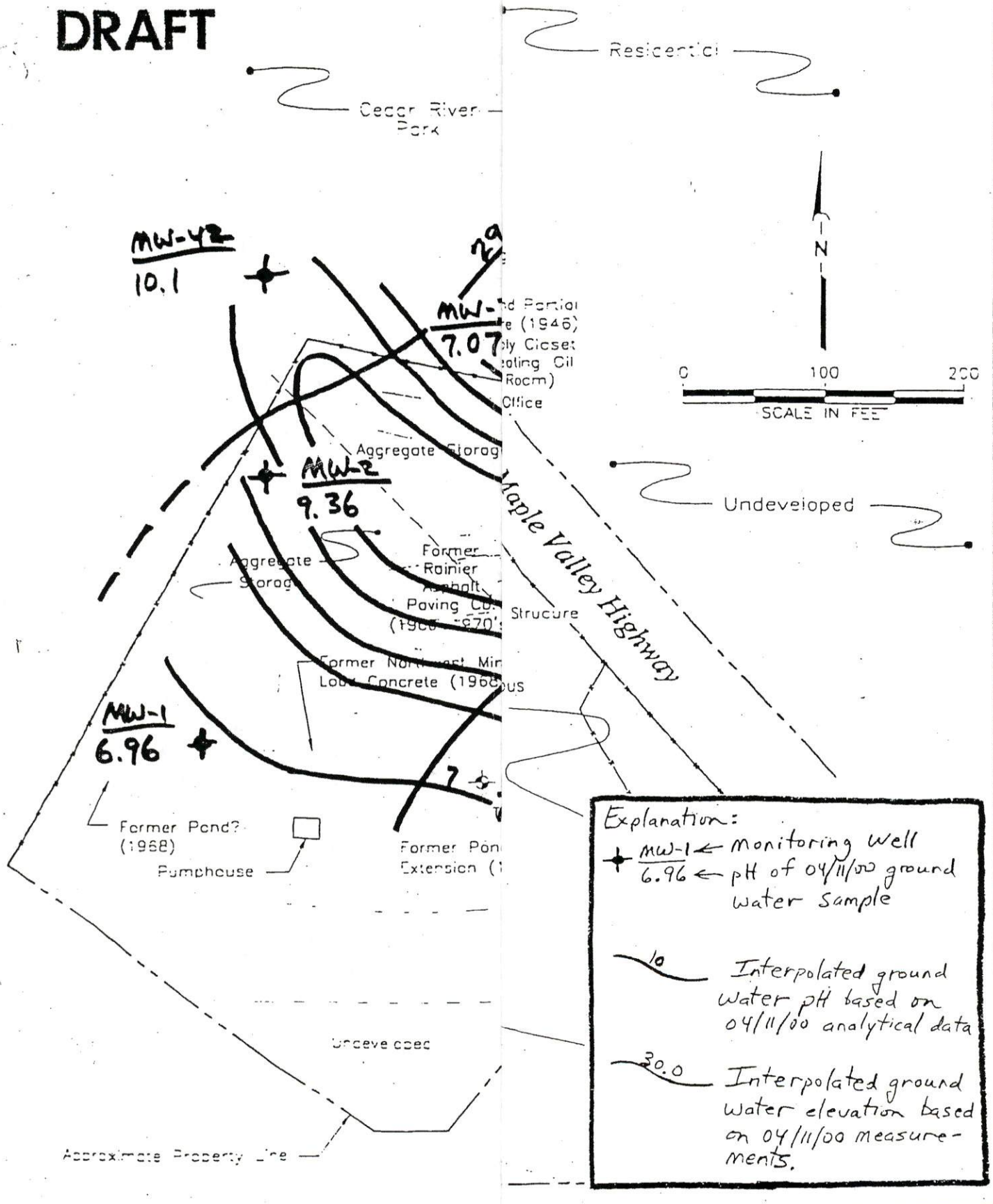
[Clear, partly cloudy, 42°F]

Smayda Environmental Associates, Inc.

Water Volume (gal) = water depth (ft) x 0.163

# Attachment B

# DRAFT




SITE AND SURROUNDING PROPERTIES

Note: The locations of all features shown are approx

Reference: "Existing Conditions Map" by Barghausen Engineers, Inc., dated 04/14/99.

FIGURE 2

**Attachment C**

23/05-17F

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

# WATER WELL REPORT

STATE OF WASHINGTON

Application No. .....

Permit No. ..... /

(1) OWNER: Name City of Renton Address Public Work Dept Renton Wa. 98055

(2) LOCATION OF WELL: County King — SE ¼ NW ¼ Sec. 17 T. 23 N., R. 5E W.M.

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☒
Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) .... Well #2
New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 24 inches.
Drilled 100 ft. Depth of completed well 74 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 24" Diam. from +2 ft. to 50 ft.
Threaded ☐ ." Diam. from ft. to ft.
Welded ☒ ." Diam. from ft. to ft.

Perforations: Yes ☐ No ☒
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☒ No ☐
Manufacturer's Name Lap Johnson
Type Stainless Model No. 304
Diam. 22" Slot size .200 from 50 ft. to 70 ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes ☐ No ☒ Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☒ No ☐ To what depth? 22 ft.
Material used in seal Cement Grout
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level .... ft.
Static level 27 ft. below top of well Date 4-6-87
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☒ No ☐ If yes, by whom? Driller
Yield: 2325 gal./min. with 5 ft. drawdown after 4 hrs.
" " " " "
" " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

| Time | Water Level | Time | Water Level | Time | Water Level |
|---|---|---|---|---|---|
| Reading Take by Hart-Crowser Eng | | | | | |

Date of test
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

| MATERIAL | FROM | TO |
|---|---|---|
| Topsoil | 0 | 9 |
| Silty Brown Sand-Gravel & Cobbles | 9 | 15 |
| Clay bound Sand-Gravel & Cobbles | 15 | 39 |
| Sand-Gravel Cobbles Tight H20 at 38 | 39 | 70 |
| Layer SAND | 70 | 72 |
| Gravelly sand | 72 | 76 |
| Sand-Gravel Cobbles | 76 | 81 |
| Tight Sand-Gravel | 81 | 87 |
| SAND-Gravel-Cobbles | 87 | 93 |
| Silt bound Sand-Gravel & Cobbles | 93 | 99 |
| Sandstone | 99 | 100 |

RECEIVED
JUL 30 1987
DEPARTMENT OF ECOLOGY
NORTHWEST REGION

Work started 3-16 19 87 Completed 6-21 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Artesian Drilling Inc (Person, firm, or corporation) (Type or print)

Address 10715 66 Ave East Puy. Wa

[Signed] (Well Driller)

License No. 0012 Date 7-25, 1987

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

# Attachment D

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-1

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/12/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 2 | | SM | ***Alternating Sand Layers*** Layers (approx 1' per layer): Silty Sand; brown; moist; mostly fine sand with some silt. | | | B-1:2 | 0.0 | | | |
| 3 | | SP | | | | | | | | |
| 4 | | SM | | | | | | | | |
| 5 | | SP | Poorly Graded Sand; brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | B-1:10 | 0.0 | | | |
| 10 | | | | | | | | | | |
| 11 | | SP | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | SP | | | | | | | | ATD |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | End of Borehole | | | | | | | |
| 25 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-2

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/12/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | B-2:2 | | | | |
| 2 | | | Refusal | | | | 0.0 | | | |
| | | | End of Borehole | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-3

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/12/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ground Surface | | | | | | | |
| 0–2 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | B-3:2 | 0.0 | | | |
| 2–10 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | B-3:10 | 0.0 | | | |
| 10–17 | | SP | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | 0.0 | | | |
| 17–23 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | 0.0 | | | ATD |
| 23 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-4

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | B-4:2 | | | | |
| 2 | | | | | | | | | | |
| 3 | | SP | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | 0.0 | | | |
| 4 | | | | | | | | | | |
| 5 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | 0.0 | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | B-4:10 | | | | |
| 11 | | | | | | | 0.0 | | | |
| 12 | | SP | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | ▼ | ATD |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | End of Borehole | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-5

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/8/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1–5 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | B-5:2 | 0.0 | | | |
| 4 | | | | | | | 0.0 | | | |
| 5–13 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | | 1.3 | | | |
| 12 | | | | | | | 2.1 | | | |
| 13–23 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | 1.1 | | | |
| 20 | | | | | | | | | | ATD |
| 23 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-6

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/8/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). Refusal at 2.2' | | | B-6:2 | 0.0 | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | 0.0 | | | |
| 6 | | GW | ***Pea Gravel Layer*** | | | | | | | |
| 7 | | | | | | | 0.0 | | | |
| 8 | | SP | ***Poorly Graded Sand with Gravel*** Brown: moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 9 | | | | | | | 0.0 | | | |
| 10 | | | | | | B-6:10 | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | 0.0 | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | ATD |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | End of Borehole | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

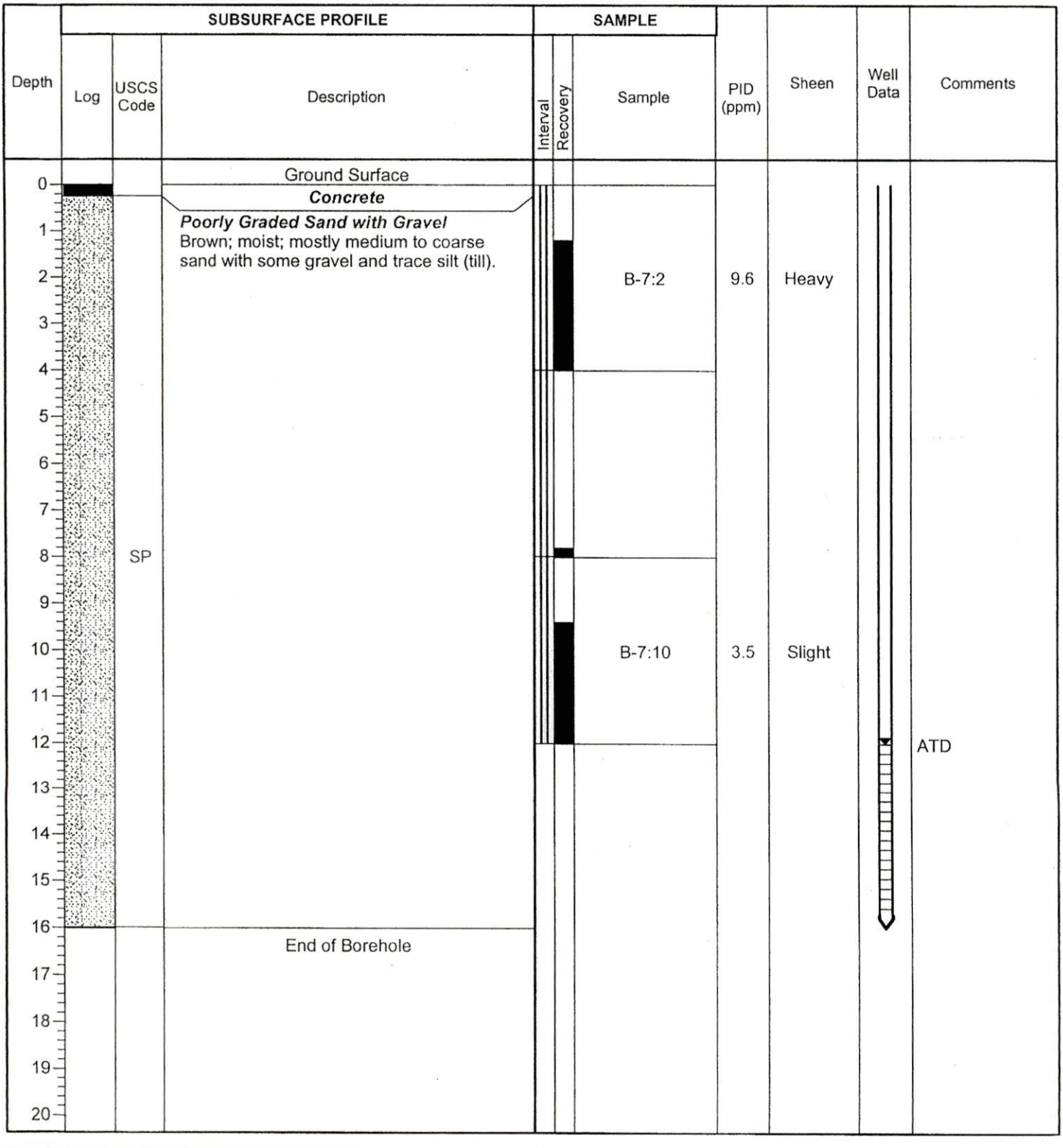
**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-7

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch




**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-8

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE | | | SAMPLE | | | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | Log | USCS Code | Description | Interval | Recovery | Sample | | | | |
| 0 | | | Ground Surface | | | | | | | |
| | | | *Refusal* | | | | | | | |
| 1 | | | End of Borehole | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
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| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-9

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–7 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 2–4 | | | | | | B-9:2 | 0.0 | | | |
| 6 | | | Refusal | | | | 0.0 | | | |
| 7 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-10

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE | | | SAMPLE | | | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | Log | USCS Code | Description | Interval | Recovery | Sample | | | | |
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | *Refusal* | | | | | | | |
| 1 | | | End of Borehole | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-11

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Direct Push Technology
***Date of Drilling:*** 3/8/2004
***Drill Rig:*** Geoprobe
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). Refusal at 2.2' | | | | | | | |
| 2 | | | | | | | 0.0 | | | |
| 3 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | 0.0 | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | 0.0 | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | 0.0 | | | |
| 11 | | | | | | | | | | |
| 12 | | SP | ***Poorly Graded Sand with Gravel*** Brown: moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | ATD |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-12

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/8/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1–3 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). Refusal at 2.2' | | | | | | | |
| 4–10 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | | | | | |
| 11–22 | | SP | ***Poorly Graded Sand with Gravel*** Brown: moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | ATD |
| 23 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-13

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/11/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 2 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | B-13:2 | 0.0 | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | 0.0 | | | |
| 6 | | SP | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 7 | | | | | | | 0.0 | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | B-13:10 | | | | |
| 11 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | 0.0 | | | ATD |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | End of Borehole | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-14

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/11/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–4 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | B-14:2 | 0.0 | | | |
| 4–8 | | | | | | | 0.0 | | | |
| 8 | | | Refusal | | | B-14:9 | | | | |
| 9 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-15

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/12/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | 0.0 | | | |
| 2 | | | | | | B-15:0.5, B-15:2 | | | | |
| 3 | | | | | | | 0.0 | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | 0.0 | | | |
| 7 | | | | | | | | | | |
| 8 | | SP | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | ATD |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | End of Borehole | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-16

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Direct Push Technology
***Date of Drilling:*** 3/11/2004
***Drill Rig:*** Geoprobe
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–3 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | B-16:0.5, B-16:2 | 0.0<br>0.0 | | | |
| 3–16 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly coarse sand with some gravel; abundant sand lenses up to 1' thick. | | | B-16:10 | 0.0<br>0.0<br>0.0 | | | ATD |
| 16 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-17

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | GW | ***Gravel Surface*** | | | | | | | |
| 1 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | 0.0 | | | |
| 2 | | | | | | | | | | |
| 3 | | SP | | | | | 0.0 | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | Refusal | | | | | | | |
| | | | End of Borehole | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-18

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | B-18:0.5, B-18:2 | 0.0 | | | |
| 2 | | | | | | | | | | |
| 3 | | | Refusal | | | | 0.0 | | | |
| | | | End of Borehole | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-19

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Direct Push Technology
***Date of Drilling:*** 3/11/2004
***Drill Rig:*** Geoprobe
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–8 | | SP | ***Poorly Graded Sand with Gravel*** Brown: moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | B-19:0.5, B-19:2 | 0.0, 0.0, 0.0, 0.0 | | | |
| 8–10 | | SP | | | | B-19:10 | 0.0, 0.0 | | | |
| 17 | | | | | | | | | | ATD |
| 20 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-20

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | B-20:2 | 0.0 | | | |
| 2 | | | | | | | | | | |
| 3 | | | Refusal | | | | | | | |
| | | | End of Borehole | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-21

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ground Surface | | | | | | | |
| 0–2 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 2–13 | | SP | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 13–24 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | ATD |
| 24–25 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-22

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | SP | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | SP | | | | | | | | |
| 20 | | | | | | | | | | ATD |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | End of Borehole | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-23

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/11/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE | | | SAMPLE | | | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | Log | USCS Code | Description | Interval | Recovery | Sample | | | | |
| 0 | | | Ground Surface | | | | | | | |
| 0–6 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 6 | | | Refusal | | | | | | | |
| | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-24

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/11/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 1 | | | Refusal | | | | | | | |
| 2 | | | End of Borehole | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-25

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE | | | SAMPLE | | | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | Log | USCS Code | Description | Interval | Recovery | Sample | | | | |
| 0 | | | Ground Surface | | | | | | | |
| 0–14 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 10 | | | | | | | | | ▼ | ATD |
| 14 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-26

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/10/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–13 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | 0.0 | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | 0.0 | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | 0.0 | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | 0.0 | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | 0.0 | | | |
| 10 | | | | | | | | | | ATD |
| 11 | | | | | | | | | | |
| 12 | | | | | | | 0.0 | | | |
| 13 | | | End of Borehole | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-27

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Direct Push Technology
***Date of Drilling:*** 3/8/2004
***Drill Rig:*** Geoprobe
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 1–4 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | | 1.0<br>0.0 | | | |
| 4–8 | | SM | | | | B-27:5 | 0.0 | | | |
| 8–13 | | SM | | | | B-27:10 | 0.3<br>1.0 | | | |
| 13–23 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | 3.5 | | | ATD |
| 23 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-28

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Direct Push Technology
***Date of Drilling:*** 3/8/2004
***Drill Rig:*** Geoprobe
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–3 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | 1.0 | | | |
| 3–7 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | B-28:5 | 0.0 | | | |
| 7–10 | | SP | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel). | | | B-28:10 | 0.0 | | | |
| 10–14 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | B-28:14 | 49.5 | | | |
| 14–19 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). Refusal at 19 ft. | | | B-28:17 | 59.6 | | | ATD |
| 25 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-29

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 2 | | SM | ***Alternating Sand Layers*** Layers (approx 1' per layer): Silty Sand; brown; moist; mostly fine sand with some silt. | | | | 0.0 | | | |
| 3 | | SP | | | | | | | | |
| 4 | | SM | | | | | | | | |
| 5 | | SP | Poorly Graded Sand; brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 6 | | | | | | B-29:5 | 0.0 | | | |
| 7 | | SM | | | | | | | | |
| 8 | | SP | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | SM | | | | B-29:10 | | | | |
| 11 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | 0.0 | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | 0.0 | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | SP | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | ATD |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | End of Borehole | | | | | | | |
| 25 | | | | | | | | | | |

**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-30

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | | | | | |
| 4 | | | | | | | 0.0 | | | |
| 5 | | | | | | | | | | |
| 6 | | SM | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | 0.0 | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | B-30:10 | | | | |
| 11 | | | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 12 | | | | | | | 0.0 | | | |
| 13 | | SP | | | | | | | | |
| 14 | | | | | | B-30:15 | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | 0.0 | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 20 | | SP | | | | | | | | ATD |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | End of Borehole | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-31

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 2 | | | | | | B-31:2 | | | | |
| 3 | | | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | | | | | |
| 4 | | | | | | | 0.0 | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | SM | | | | | | | | |
| 8 | | | | | | | 0.0 | | | |
| 9 | | | Petroleum odor. | | | | | | | |
| 10 | | | | | | B-31:10 | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | 0.0 | | | |
| 13 | | SP | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 14 | | | | | | B-31:15 | | | | |
| 15 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 16 | | | | | | | 0.0 | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | SP | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | ATD |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 24 | | | End of Borehole | | | | | | | |
| 25 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-32

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 3/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Gray; moist; mostly medium to coarse sand with some gravel (fill material). | | | | | | | |
| 2 | | | | | | B-32:2 | | | | |
| 3 | | SM | ***Silty Sand*** Brown; moist; mostly fine sand with some silt. | | | | | | | |
| 4 | | | | | | | 0.0 | | | |
| 5 | | | ***Poorly Graded Sand*** Brown; very moist to wet; mostly medium to coarse sand with trace gravel. | | | | | | | |
| 6 | | | | | | B-32:6 | | | | |
| 7 | | | | | | | | | | |
| 8 | | SP | | | | | 0.0 | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | B-32:10 | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | 0.0 | | | |
| 13 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | | | | |
| 14 | | | | | | B-32:15 | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | 0.0 | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | SP | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | ATD |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | End of Borehole | | | | | | | |
| 25 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-33

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Direct Push Technology
***Date of Drilling:*** 3/11/2004
***Drill Rig:*** Geoprobe
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–3 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with some gravel and trace silt (till). | | | | 0.0 | | | |
| 3 | | | Refusal | | | | | | | |
| | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-34

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 11/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with little fine gravel. | | | | | | | |
| 2 | | | | | | B-34:2 | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | B-34:10 | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | ATD |
| 15 | | | End of Borehole | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-35

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 11/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | SAMPLE: Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0–9 | | GP | ***Poorly Graded Gravel with Sand*** Gray; moist; mostly gravel with few sand. | | | B-35:2 | | | | |
| 4–6 | | | | | | | | | | |
| 6–9 | | | | | | B-35:10 | | | | |
| 9–16 | | SP | ***Poorly Graded Sand*** Brown; moist: mostly fine sand with trace fines. | | | | | | | ATD |
| 16 | | | End of Borehole | | | | | | | |

**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-36

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 11/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with little fine gravel. | | | | | | | |
| 2 | | | | | | B-36:2 | | | | |
| 3 | | SP | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | ***Silty Sand*** Grayish brown; moist; mostly fine sand with some silt. | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | B-36:10 | | | | |
| 9 | | | | | | | | | | |
| 10 | | SM | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | ATD |
| 15 | | | | | | | | | | |
| 16 | | | End of Borehole | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-37

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Direct Push Technology
***Date of Drilling:*** 11/9/2004
***Drill Rig:*** Geoprobe
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with little fine gravel. | | | B-37:2 | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | B-37:10 | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | ATD |
| 15 | | | | | | | | | | |
| 16 | | | End of Borehole | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-38

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 11/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| | | | ***Concrete*** | | | | | | | |
| 1 | | | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with little fine gravel. | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | B-38:2 | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | SP | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | ATD |
| 15 | | | | | | | | | | |
| 16 | | | End of Borehole | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-39

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 11/9/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Direct Push Technology
***Drill Rig:*** Geoprobe
***Borehole:*** 2-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval / Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | |
| 0–5 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly medium to coarse sand with little fine gravel. | | B-39:2 | | | | |
| 5–9 | | SM | ***Silty Sand*** Grayish brown; moist; mostly fine sand with some silt. | | B-39:10 | | | | |
| 9–16 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly fine sand with little gravel and trace fines. | | | | | | ATD |
| 16 | | | End of Borehole | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: B-40

| | |
|---|---|
| ***Client:*** Stoneway | ***Drilling Contractor:*** Cascade Drilling, Inc. |
| ***Logged By:*** Eric Koltes | ***Method:*** Direct Push Technology |
| ***Date of Drilling:*** 11/9/2004 | ***Drill Rig:*** Geoprobe |
| ***Location:*** 1915 Maple Valley Hwy, Renton, WA | ***Borehole:*** 2-inch |

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | |
| 0 | | | ***Concrete*** | | | | | | | |
| 1 | | SP | ***Poorly Graded Sand with Gravel*** Brown; moist; mostly fine sand with little gravel and trace fines. | | | | | | | |
| 2 | | | | | | B-40:2 | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | B-40:10 | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | ATD |
| 15 | | | | | | | | | | |
| 16 | | | End of Borehole | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: EPI-MW-1

| | |
|---|---|
| ***Client:*** Stoneway | ***Drilling Contractor:*** Cascade Drilling, Inc. |
| ***Logged By:*** Eric Koltes | ***Method:*** Hollow Stem Auger |
| ***Date of Drilling:*** 11/29/2004 | ***Drill Rig:*** Limited Access |
| ***Location:*** 1915 Maple Valley Hwy, Renton, WA | ***Borehole:*** 8-inch |

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Blows per 6" | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | | |
| 0–18 | | SP-SM | ***Poorly Graded Sand with Silt and Gravel*** Brown; moist; mostly fine to medium sand with little silt and little gravel. Increased gravel at 12 to 13 feet. | | | | | | | | Concrete; Hydrated Bentonite Chips; Sand |
| 18–32 | | GP | ***Poorly Graded Gravel*** Brown; moist; mostly 2-4 inch rounded gravel with trace sand. | | | | | | | | 0.010 inch Factory-Slotted Screen; ATD |
| 32 | | | End of Borehole | | | | | | | | |

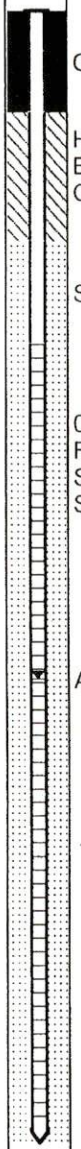
**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: EPI-MW-2

| | |
|---|---|
| ***Client:*** Stoneway | ***Drilling Contractor:*** Cascade Drilling, Inc. |
| ***Logged By:*** Eric Koltes | ***Method:*** Hollow Stem Auger |
| ***Date of Drilling:*** 11/30/2004 | ***Drill Rig:*** Limited Access |
| ***Location:*** 1915 Maple Valley Hwy, Renton, WA | ***Borehole:*** 8-inch |

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Blows per 6" | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | | |
| 0–11 | | GP | ***Sandy Gravel*** Brown; moist; mostly 2" to 4" gravel with some medium to coarse sand. | | | | | | | | |
| 11–22 | | | | | | | | | | | |
| 22 | | | End of Borehole | | | | | | | | |




**Project No.:** 43101.1

ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: EPI-MW-3

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Hollow Stem Auger
***Date of Drilling:*** 11/30/2004
***Drill Rig:*** Limited Access
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 8-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Blows per 6" | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | | |
| 0–22 | | GP | ***Poorly Graded Gravel*** Brown; moist; mostly 2" to 4" gravel with trace to few sand. | | | | | | | | |
| 1 | | | | | | | | | | | Conrete |
| 3 | | | | | | | | | | | Hydrated Bentonite Chips |
| 6 | | | | | | | | | | | Sand |
| 13 | | | | | | | | | | | ATD |
| 17 | | | | | | | | | | | 0.010 inch Facory-Slotted Screen |
| 22 | | | End of Borehole | | | | | | | | |

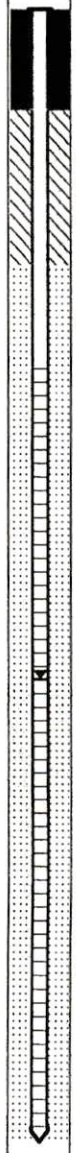
**Project No.:** 43101.1

EPI ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: EPI-MW-4

***Client:*** Stoneway
***Drilling Contractor:*** Cascade Drilling, Inc.
***Logged By:*** Eric Koltes
***Method:*** Hollow Stem Auger
***Date of Drilling:*** 11/30/2004
***Drill Rig:*** Limited Access
***Location:*** 1915 Maple Valley Hwy, Renton, WA
***Borehole:*** 8-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | SAMPLE: Recovery | Blows per 6" | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | | |
| 0–11 | | GP | ***Poorly Graded Gravel*** Brown; moist; mostly 2" to 4" gravel with trace to few sand. | | | | | | | | |
| 11–22 | | | | | | | | | | | |
| 22 | | | End of Borehole | | | | | | | | |




**Project No.:** 43101.1

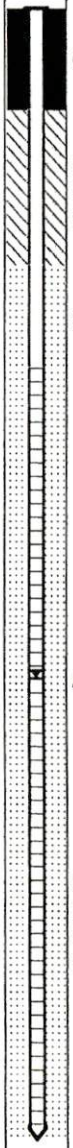
ENVIRONMENTAL PARTNERS INC

# Boring/Well Designation: EPI-MW-5

***Client:*** Stoneway
***Logged By:*** Eric Koltes
***Date of Drilling:*** 11/30/2004
***Location:*** 1915 Maple Valley Hwy, Renton, WA

***Drilling Contractor:*** Cascade Drilling, Inc.
***Method:*** Hollow Stem Auger
***Drill Rig:*** Limited Access
***Borehole:*** 8-inch

| Depth | SUBSURFACE PROFILE: Log | USCS Code | Description | SAMPLE: Interval | Recovery | Blows per 6" | Sample | PID (ppm) | Sheen | Well Data | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | Ground Surface | | | | | | | | |
| 0–11 | | SM | ***Silty Sand with Gravel*** Brown; moist; mostly fine to coarse sand with few silt and little gravel. | | | | | | | | |
| 11–22 | | | | | | | | | | | |
| 22 | | | End of Borehole | | | | | | | | |




**Project No.:** 43101.1

# Attachment E

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 1
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-28:5 3/8/04 1005

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 2
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-28:10 3/8/04 1010

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/1/04
CCIL JOB #: 403034
CCIL SAMPLE #: 3
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-28:14 1020

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | >20 | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | >50 | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |
| TPH-VOLATILE RANGE | NWTPH-GX | 120 | MG/KG | 3/29/04 | LAH |
| BENZENE | EPA-8021 | ND(<0.06) | MG/KG | 3/30/04 | LAH |
| TOLUENE | EPA-8021 | ND(<0.1) | MG/KG | 3/30/04 | LAH |
| ETHYLBENZENE | EPA-8021 | 0.3 | MG/KG | 3/30/04 | LAH |
| XYLENES | EPA-8021 | 0.7 | MG/KG | 3/30/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | 290 | MG/KG | 3/29/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/29/04 | DLC |

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCTS WHICH ARE LIKELY HIGHLY WEATHERED GASOLINE AND DIESEL FUEL
VOLATILE RANGE RESULT BIASED HIGH DUE TO DIESEL RANGE OVERLAP
NWTPH-GX, EPA-8021, AND NWTPH-DX SAMPLE ANALYZED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 12 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/1/04
CCIL JOB #: 403034
CCIL SAMPLE #: 4
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-28:17 1025

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | >20 | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | >50 | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |
| TPH-VOLATILE RANGE | NWTPH-GX | 630 | MG/KG | 3/30/04 | LAH |
| BENZENE | EPA-8021 | ND(<0.06) | MG/KG | 3/29/04 | LAH |
| TOLUENE | EPA-8021 | ND(<0.1) | MG/KG | 3/29/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<0.1) | MG/KG | 3/29/04 | LAH |
| XYLENES | EPA-8021 | 0.6 | MG/KG | 3/29/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | 630 | MG/KG | 3/29/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/29/04 | DLC |

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED GASOLINE
VOLATILE RANGE RESULT BIASED HIGH DUE TO DIESEL RANGE OVERLAP
DIESEL RANGE RESULT BIASED HIGH DUE TO VOLATILE RANGE OVERLAP
NWTPH-GX, EPA-8021, AND NWTPH-DX SAMPLE ANALYZED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 30 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 5
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-28 1030

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| BENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| TOLUENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| XYLENES | EPA-8021 | ND(<3) | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rt

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 8
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-5 1140

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 9
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-11 1230

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/10/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 9
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-11 1230

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/10/04 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 9
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-11 1230

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ref

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ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 10
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-12 1315

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/10/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 10
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-12 1315

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/10/04 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 10
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-12 1315

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 11
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-27:5 3/8/04 1345

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 12
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-27:10 3/8/04 1350

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Pat

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 13
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-30:10 3/9/04 0750

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 3/11/04 | LAH |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 3/11/04 | LAH |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 3/11/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 3/11/04 | LAH |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 3/11/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 15
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-30 3/9/04 0815

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| BENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| TOLUENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| XYLENES | EPA-8021 | ND(<3) | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 16
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-27 3/8/04 1400

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| BENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| TOLUENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| XYLENES | EPA-8021 | ND(<3) | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rt

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 17
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-4:2 3/9/04 0840

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Pat

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 18
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-4:10 3/9/04 0850

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rt

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/22/04
CCIL JOB #: 403034
CCIL SAMPLE #: 19
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-4 3/9/04 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/10/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/22/04
CCIL JOB #: 403034
CCIL SAMPLE #: 19
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-4 3/9/04 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/10/04 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/10/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/10/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/22/04
CCIL JOB #: 403034
CCIL SAMPLE #: 19
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-4 3/9/04 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| ARSENIC | EPA-7060 | ND(<0.005) | MG/L | 3/18/04 | RAB |
| CADMIUM | EPA-6010 | ND(<0.005) | MG/L | 3/17/04 | RAB |
| CHROMIUM | EPA-6010 | ND(<0.007) | MG/L | 3/17/04 | RAB |
| LEAD | EPA-7421 | ND(<0.003) | MG/L | 3/17/04 | RAB |
| MERCURY | EPA-7470 | ND(<.0002) | MG/L | 3/16/04 | RAB |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rut

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/22/04
CCIL JOB #: 403034
CCIL SAMPLE #: 21
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-32:6 3/9/04 0942

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rd

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/22/04
CCIL JOB #: 403034
CCIL SAMPLE #: 22
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-32:10 3/9/04 0944

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 24
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-32 3/9/04

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| BENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| TOLUENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| XYLENES | EPA-8021 | ND(<3) | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ref

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 25
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-31:2 3/9/04 1030

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 3/11/04 | LAH |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 3/11/04 | LAH |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 3/11/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 3/11/04 | LAH |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 3/11/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 62 | MG/KG | 3/10/04 | DLC |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rd

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 26
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-31:10 3/9/04 1035

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 3/11/04 | LAH |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 3/11/04 | LAH |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 3/11/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 3/11/04 | LAH |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 3/11/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | 1200 | MG/KG | 3/10/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/10/04 | DLC |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY DIESEL FUEL

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 28
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-31 3/9/04 1050

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| BENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| TOLUENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| XYLENES | EPA-8021 | ND(<3) | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX W/CLEANUP | 140 | UG/L | 3/12/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX W/CLEANUP | 270 | UG/L | 3/12/04 | DLC |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS UNIDENTIFIED DIESEL AND LUBE OIL RANGE PRODUCTS

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 29
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-29:5 3/9/04 1135

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ref

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 30
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-29:10 3/9/04 1140

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/10/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/10/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/10/04 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/15/04
CCIL JOB #: 403034
CCIL SAMPLE #: 31
DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-29 3/9/04 1150

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/10/04 | LAH |
| BENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| TOLUENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<1) | UG/L | 3/10/04 | LAH |
| XYLENES | EPA-8021 | ND(<3) | UG/L | 3/10/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX W/CLEANUP | 150 | UG/L | 3/12/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX W/CLEANUP | 1100 | UG/L | 3/12/04 | DLC |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS UNIDENTIFIED DIESEL AND LUBE OIL RANGE PRODUCTS

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/1/04
CCIL JOB #: 403034

DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

**SURROGATE RECOVERY**

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403034-01 | NWTPH-HCID | BCB | 119 |
| 403034-01 | NWTPH-HCID | C25 | 128 |
| 403034-02 | NWTPH-HCID | BCB | 111 |
| 403034-02 | NWTPH-HCID | C25 | 116 |
| 403034-03 | NWTPH-HCID | BCB | 161* |
| 403034-03 | NWTPH-HCID | C25 | 117 |
| 403034-03 | NWTPH-GX | TFT | 86 |
| 403034-03 | EPA-8021 | TFT | 87 |
| 403034-03 | NWTPH-DX | C25 | 111 |
| 403034-04 | NWTPH-HCID | BCB | 165* |
| 403034-04 | NWTPH-HCID | C25 | 126 |
| 403034-04 | NWTPH-GX | TFT | *** |
| 403034-04 | EPA-8021 | TFT | 96 |
| 403034-04 | NWTPH-DX | C25 | 114 |
| 403034-05 | NWTPH-GX | TFT | 112 |
| 403034-05 | EPA-8021 | TFT | 110 |
| 403034-05 | NWTPH-DX | C25 | 117 |
| 403034-08 | NWTPH-DX | C25 | 122 |
| 403034-09 | NWTPH-GX | TFT | 106 |
| 403034-09 | NWTPH-DX | C25 | 114 |
| 403034-09 | EPA-8260 | 1,2-DCE-d4 | 109 |
| 403034-09 | EPA-8260 | TOLUENE-d8 | 102 |
| 403034-09 | EPA-8260 | 4-BFB | 139** |
| 403034-10 | NWTPH-GX | TFT | 111 |
| 403034-10 | NWTPH-DX | C25 | 126 |
| 403034-10 | EPA-8260 | 1,2-DCE-d4 | 105 |
| 403034-10 | EPA-8260 | TOLUENE-d8 | 99 |
| 403034-10 | EPA-8260 | 4-BFB | 141** |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/1/04
CCIL JOB #: 403034

DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

**SURROGATE RECOVERY**

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403034-11 | NWTPH-HCID | BCB | 115 |
| 403034-11 | NWTPH-HCID | C25 | 117 |
| 403034-12 | NWTPH-HCID | BCB | 116 |
| 403034-12 | NWTPH-HCID | C25 | 115 |
| 403034-13 | NWTPH-GX | TFT | 96 |
| 403034-13 | EPA-8021 | TFT | 89 |
| 403034-13 | NWTPH-DX | C25 | 115 |
| 403034-15 | NWTPH-GX | TFT | 112 |
| 403034-15 | EPA-8021 | TFT | 111 |
| 403034-15 | NWTPH-DX | C25 | 108 |
| 403034-16 | NWTPH-GX | TFT | 102 |
| 403034-16 | EPA-8021 | TFT | 102 |
| 403034-16 | NWTPH-DX | C25 | 116 |
| 403034-17 | NWTPH-HCID | BCB | 121 |
| 403034-17 | NWTPH-HCID | C25 | 118 |
| 403034-18 | NWTPH-HCID | BCB | 126 |
| 403034-18 | NWTPH-HCID | C25 | 125 |
| 403034-19 | NWTPH-GX | TFT | 112 |
| 403034-19 | NWTPH-DX | C25 | 107 |
| 403034-19 | EPA-8260 | 1,2-DCE-d4 | 109 |
| 403034-19 | EPA-8260 | TOLUENE-d8 | 99 |
| 403034-19 | EPA-8260 | 4-BFB | 146** |
| 403034-21 | NWTPH-HCID | BCB | 114 |
| 403034-21 | NWTPH-HCID | C25 | 120 |
| 403034-22 | NWTPH-HCID | BCB | 122 |
| 403034-22 | NWTPH-HCID | C25 | 134 |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/1/04
CCIL JOB #: 403034

DATE RECEIVED: 3/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

**SURROGATE RECOVERY**

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403034-24 | NWTPH-GX | TFT | 111 |
| 403034-24 | EPA-8021 | TFT | 108 |
| 403034-24 | NWTPH-DX | C25 | 101 |
| 403034-25 | NWTPH-GX | TFT | 96 |
| 403034-25 | EPA-8021 | TFT | 89 |
| 403034-25 | NWTPH-DX | C25 | 96 |
| 403034-26 | NWTPH-GX | TFT | 87 |
| 403034-26 | EPA-8021 | TFT | 82 |
| 403034-26 | NWTPH-DX | C25 | 95 |
| 403034-28 | NWTPH-GX | TFT | 100 |
| 403034-28 | EPA-8021 | TFT | 97 |
| 403034-28 | NWTPH-DX W/CLEANUP | C25 | 124 |
| 403034-29 | NWTPH-HCID | BCB | 125 |
| 403034-29 | NWTPH-HCID | C25 | 126 |
| 403034-30 | NWTPH-HCID | BCB | 133 |
| 403034-30 | NWTPH-HCID | C25 | 131 |
| 403034-31 | NWTPH-GX | TFT | 112 |
| 403034-31 | EPA-8021 | TFT | 108 |
| 403034-31 | NWTPH-DX W/CLEANUP | C25 | 122 |

* SURROGATE OUTSIDE OF CONTROL LIMITS OF 50-150% DUE TO MATRIX INTERFERENCE
** SURROGATE OUTSIDE OF CONTROL LIMITS OF 86-115% DUE TO DECREASED RESPONSE OF ASSOCIATED INTERNAL STANDARD. NO CORRECTE ACTION TAKEN BECAUSE ASSOCIATED TARGET ANALYTES WERE NOT DETECTED AND CONDITION WOULD TEND TO INFLATE VALUES.
*** SURROGATE DILUTED OUT OF CALIBRATION RANGE

APPROVED BY: C Ref

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only) 4303034

Date 3/8/04 Page 1 Of

PROJECT ID: 4310.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS, INC
PROJECT MANAGER: ERIC KUCERA
ADDRESS: 2405 NE GILMAN BLVD ST 201
ISSAQUAH, WA 98027
PHONE: 425 395 0010 FAX: 425 395 0011
P.O. NUMBER: 4310.1 E-MAIL: erick@epi-wa.com
INVOICE TO COMPANY: SAME
ATTENTION: TERRI EDWARDS
ADDRESS: SAME

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-28:5 | 3/8/04 | 1005 | S | 1 | X | | | | | | | | | | | | | | | 1 | |
| 2. B-28:10 | 3/8/04 | 1010 | S | 2 | X | | | | | | | | | | | | | | | 1 | |
| 3. B-28:14 | | 1020 | S | 3 | X | ⊗ | ⊗ | ⊗ | ARCHIVE | | | | | | | | | | | 1 | |
| 4. B-28:17 | | 1025 | S | 4 | X | ⊗ | ⊗ | ⊗ | ARCHIVE | | | | | | | | | | | 1 | |
| 5. B-28 | | 1030 | W | 5 | | X | X | X | | | | | | | | | | | | 3 | |
| 6. B-5:2 | | 1115 | S | 6 | | | ARCHIVE | | | | | | | | | | | | | 1 | |
| 7. B-5:10 | | 1120 | S | 7 | | | ARCHIVE | | | | | | | | | | | | | 1 | |
| 8. B-5 | | 1140 | W | 8 | | X | | | | | | | | | | | | | | 1 | |
| 9. B-11 | | 1230 | W | 9 | | X | X | | | | X | | | | | | | | | 4 | |
| 10. B-12 | | 1315 | W | 10 | | X | X | | | | X | | | | | | | | | 4 | |

OTHER (Specify)

LABORATORY COPY

SPECIAL INSTRUCTIONS ⊗ Added 3/4/04 per Eric - RS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: EPI 3/9/04 1400
Received By: CCIAL 3/9/04 1400
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Std | 3 | 1 | SAME DAY

OTHER: Specify:

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only) 4303034

Date 3/8/04 Page 2 Of

PROJECT ID: 43101.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS INC.
PROJECT MANAGER: ERIC KOLTES
ADDRESS: 245 NE GILMAN BLVD S-201
ISSAQUAH WA 98027
PHONE: 425 395 0700 FAX: 425 395 0001
P.O. NUMBER: 43101.1 E-MAIL: erickoltes@epi-nw.com
INVOICE TO COMPANY: SAME
ATTENTION: TOM EISENLEE
ADDRESS: SAME

ANALYSIS REQUESTED

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☒ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | OTHER (Specify) | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-27:5 | 3/8/04 | 1345 | S | 11 | X | ~~ARCHIVE~~ | | | | | | | | | | | | | | | 1 | |
| 2. B-27:10 | " | 1350 | S | 12 | X | ~~ARCHIVE~~ | | | | | | | | | | | | | | | 1 | |
| 3. B-30:10 | 3/9/04 | 0750 | S | 13 | | X | X | X | | | | | | | | | | | | | 1 | |
| 4. B-30:15 | " | 0800 | S | 14 | | | ARCHIVE | | | | | | | | | | | | | | 1 | |
| 5. B-30 | " | 0815 | W | 15 | | X | X | X | | | | | | | | | | | | | 3 | |
| 6. B-27 | 3/8/04 | 1400 | W | 16 | | X | X | X | | | | | | | | | | | | | 3 | |
| 7. B-4:2 | 3/9/04 | 0840 | S | 17 | X | | ~~ARCHIVE~~ | | | | | | | | | | | | | | 1 | |
| 8. B-4:10 | " | 0850 | S | 18 | X | ~~ARCHIVE~~ | | | | | | | | | | | | | | | | |
| 9. B-4 | " | 0900 | W | 19 | | X | X | | | ~~X~~ | X | | | | | | X | | | | 5 | |
| 10. B-32:2 | " | 0940 | | 20 | | | ARCHIVE | | | | | | | | | | | | | | 1 | |

LABORATORY COPY

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: EPI 3/9/04 1400
Received By: CCIAL 3/9/04 1400
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 | 3 | 1 | SAME DAY

OTHER:

Specify:

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only) 4303034

Date 3/9/04 Page 3 Of

PROJECT ID: 43101.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS INC
PROJECT MANAGER: ERIC KATES
ADDRESS: 295 NE GILMAN BLVD ST 210
ISSAQUAH WA 98027
PHONE: 425 395 0210 FAX: 425 395 0211
P.O. NUMBER: 43101.1 E-MAIL: ekates@epi-nw.com
INVOICE TO COMPANY: SAME
ATTENTION: TOM ELSEMORE
ADDRESS: SAME

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | OTHER (Specify) | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-32:6 | 3/9/04 | 0942 | S | 21 | ⊗ | | ARCHIVE | | | | | | | | | | | | | | | |
| 2. B-32:10 | | 0944 | S | 22 | ⊗ | | ARCHIVE | | | | | | | | | | | | | | | |
| 3. B-32:15 | | 0946 | S | 23 | | | ARCHIVE | | | | | | | | | | | | | | | |
| 4. B-32 | | | W | 24 | | X | X | X | | | | | | | | | | | | | | |
| 5. B-31:2 | | 1030 | S | 25 | | X | X | X | | | | | | | | | | | | | | |
| 6. B-31:10 | | 1035 | S | 26 | | X | X | X | | | | | | | | | | | | | | |
| 7. B-31:15 | | 1040 | S | 27 | | | ARCHIVE | | | | | | | | | | | | | | | |
| 8. B-31 | | 1050 | W | 28 | | X | X | X | | | | | | | | | | | | | | |
| 9. B-29:5 | | [illegible] | S | 29 | X | | | | | | | | | | | | | | | | | |
| 10. B-29:10 | | 1140 | S | 30 | X | | | | | | | | | | | | | | | | | |

LABORATORY COPY

SPECIAL INSTRUCTIONS ⊗ Added Per Eric 3/15/04 -RB

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: EPI 3/9/04 1400
Received By: CCIAL 3/9/04 1400
2. Relinquished By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify:

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain of Custody/ Laboratory Analysis Request

Lab# (Laboratory Only) 403034

Date 3/9/04 Page 4 Of

| | |
|---|---|
| PROJECT ID: | 43101.1 |
| REPORT TO COMPANY: | ENVIRONMENTAL PARTNERS, INC. |
| PROJECT MANAGER: | ERIC KOLTES |
| ADDRESS: | 295 NE GILMAN BLVD ST 201 |
| | ISSAQUAH WA 98027 |
| PHONE: | 425 395 0010 FAX: 425 395 0011 |
| P.O. NUMBER: | 43101.1 E-MAIL: erick@epi-wa.com |
| INVOICE TO COMPANY: | SAME |
| ATTENTION: | TOM ELSEMORE |
| ADDRESS: | SAME |

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | OTHER (Specify) | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-29 | 3/9/04 | 1150 | W | 31 | | X | X | X | | | | | | | | | | | | | 3 | |
| 2. B-21 | 3/9/04 | 1300 | W | 32 | | | | | ARCHIVE | | | | | | | | | | | | 1 | |
| 3. | | | | | | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | | | | |

LABORATORY COPY

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: EPI 3/9/04 1400
   Received By: CCIAL 3/9/04 1400
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:

Specify:

* Turnaround request less than standard may incur Rush Charges

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 1
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-1 3/12/04 0840

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| PCB-1016 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1221 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1232 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1242 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1248 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1254 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1260 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 2
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-7 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | >50 | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | >100 | MG/KG OIL | 3/15/2004 | DLC |
| TPH-DIESEL RANGE | NWTPH-DX | 49 | MG/KG | 3/22/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 170 | MG/KG | 3/22/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 2
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-7 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/15/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/15/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 2
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-7 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT AND LUBE OIL

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 3
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-6 0910

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |

CCI
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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 3
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-6 0910

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/15/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/15/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 3
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-6 0910

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 4
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: MW-1 0915

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/15/2004 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/15/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 4
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: MW-1 0915

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| 1-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| 2-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 4
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: MW-1 0915

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| ACENAPHTHYLENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| ACENAPHTHENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| FLUORENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| PHENANTHRENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| PYRENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| BENZO[A]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| CHRYSENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| BENZO[B]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| BENZO[K]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| BENZO(A)PYRENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| INDENO[1,2,3-CD]PYRENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| DIBENZ[A,H]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |
| BENZO[G,H,I]PERYLENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/22/2004 | CCN |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/17/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 5
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-3:2 0950

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

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APPROVED BY:

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/17/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 6
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-3:10 0955

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CCI
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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 7
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-3 1010

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/15/2004 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/15/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 7
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-3 1010

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ARSENIC | EPA-7060 | ND(<0.005) | MG/L | 3/18/2004 | RAB |
| CADMIUM | EPA-6010 | ND(<0.005) | MG/L | 3/17/2004 | RAB |
| CHROMIUM | EPA-6010 | ND(<0.007) | MG/L | 3/17/2004 | RAB |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 7
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-3 1010

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| LEAD | EPA-7421 | ND(<0.003) | MG/L | 3/17/2004 | RAB |
| MERCURY | EPA-7470 | ND(<.0002) | MG/L | 3/16/2004 | RAB |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/17/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 8
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-2:2 1100

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/17/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 9
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-1:2 1115

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/17/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 10
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-1:10 1120

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 11
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-1 1140

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/15/2004 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/15/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/26/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/26/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

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DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 11
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-1 1140

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/26/2004 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| PYRIDINE | EPA-8270 | ND(<4) | UG/L | 3/23/2004 | CCN |
| N-NITROSODIMETHYLAMINE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| PHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

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295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 11
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-1 1140

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| ANILINE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BIS(2-CHLOROETHYL)ETHER | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2-CHLOROPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 1,3-DICHLOROBENZENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BENZYL ALCOHOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2-METHYLPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BIS(2-CHLOROISOPROPYL)ETHER | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 4-METHYLPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| N-NITROSO-DI-N-PROPYLAMINE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| HEXACHLOROETHANE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| NITROBENZENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| ISOPHORONE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2-NITROPHENOL | EPA-8270 | ND(<5) | UG/L | 3/23/2004 | CCN |
| 2,4-DIMETHYLPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BENZOIC ACID | EPA-8270 | ND(<20) | UG/L | 3/23/2004 | CCN |
| BIS(2-CHLOROETHOXY)METHANE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2,4-DICHLOROPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| NAPHTHALENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 4-CHLOROANILINE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2,6-DICHLOROPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| HEXACHLOROBUTADIENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 4-CHLORO-3-METHYLPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2-METHYLNAPHTHALENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 1-METHYLNAPHTHALENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| HEXACHLOROCYCLOPENTADIENE | EPA-8270 | ND(<10) | UG/L | 3/23/2004 | CCN |
| 2,4,6-TRICHLOROPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2,4,5-TRICHLOROPHENOL | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2-CHLORONAPHTHANLENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2-NITROANILINE | EPA-8270 | ND(<5) | UG/L | 3/23/2004 | CCN |
| ACENAPHTHYLENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| DIMETHYLPHTHALATE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2,6-DINITROTOLUENE | EPA-8270 | ND(<5) | UG/L | 3/23/2004 | CCN |
| ACENAPHTHENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 3-NITROANILINE | EPA-8270 | ND(<5) | UG/L | 3/23/2004 | CCN |

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295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 11
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-1 1140

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 2,4-DINITROPHENOL | EPA-8270 | ND(<10) | UG/L | 3/23/2004 | CCN |
| 4-NITROPHENOL | EPA-8270 | ND(<10) | UG/L | 3/23/2004 | CCN |
| DIBENZOFURAN | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 2,4-DINITROTOLUENE | EPA-8270 | ND(<5) | UG/L | 3/23/2004 | CCN |
| 2,3,4,6-TETRACHLOROPHENOL | EPA-8270 | ND(<5) | UG/L | 3/23/2004 | CCN |
| DIETHYLPHTHALATE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| FLUORENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 4-CHLOROPHENYL-PHENYLETHER | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 4-NITROANILINE | EPA-8270 | ND(<5) | UG/L | 3/23/2004 | CCN |
| 4,6-DINITRO-2-METHYLPHENOL | EPA-8270 | ND(<10) | UG/L | 3/23/2004 | CCN |
| N-NITROSODIPHENYLAMINE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| AZOBENZENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 4-BROMOPHENYL-PHENYLETHER | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| HEXACHLOROBENZENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| PENTACHLOROPHENOL | EPA-8270 | ND(<10) | UG/L | 3/23/2004 | CCN |
| PHENANTHRENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| ANTHRACENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| CARBAZOLE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| DI-N-BUTYLPHTHALATE | EPA-8270 | ND(<3) | UG/L | 3/23/2004 | CCN |
| FLUORANTHENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| PYRENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BUTYLBENZYLPHTHALATE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| 3,3'-DICHLOROBENZIDINE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BENZO[A]ANTHRACENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| CHRYSENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BIS(2-ETHYLHEXYL)PHTHALATE | EPA-8270 | ND(<3) | UG/L | 3/23/2004 | CCN |
| DI-N-OCTYLPHTHALATE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BENZO[B]FLUORANTHENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BENZO[K]FLUORANTHENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BENZO[A]PYRENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| INDENO[1,2,3-CD]PYRENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| DIBENZ[A,H]ANTHRACENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| BENZO[G,H,I]PERYLENE | EPA-8270 | ND(<2) | UG/L | 3/23/2004 | CCN |
| ARSENIC | EPA-7060 | ND(<0.005) | MG/L | 3/18/2004 | RAB |
| CADMIUM | EPA-6010 | ND(<0.005) | MG/L | 3/17/2004 | RAB |
| CHROMIUM | EPA-6010 | ND(<0.007) | MG/L | 3/17/2004 | RAB |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 11
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-1 1140

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| LEAD | EPA-7421 | ND(<0.003) | MG/L | 3/17/2004 | RAB |
| MERCURY | EPA-7470 | ND(<.0002) | MG/L | 3/16/2004 | RAB |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 12
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-19:0.5 3/11/04 0800

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | >50 | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | >100 | MG/KG OIL | 3/15/2004 | DLC |
| TPH-DIESEL RANGE | NWTPH-DX | 55 | MG/KG | 3/23/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 150 | MG/KG | 3/23/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 12
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-19:0.5 3/11/04 0800

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/15/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/15/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 12
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-19:0.5 3/11/04 0800

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL
DIESEL RANGE RESULT IS DUE TO OIL RANGE OVERLAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 13
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-19:2 3/11/04 0805

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 3/23/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/23/2004 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 14
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-19:10 3/11/04 0830

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 3/23/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/23/2004 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 15
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-19 3/11/04 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/15/2004 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | UG/L | 3/15/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | UG/L | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 15
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-19 3/11/04 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ARSENIC | EPA-7060 | ND(<0.005) | MG/L | 3/25/2004 | RAB |
| CADMIUM | EPA-6010 | ND(<0.005) | MG/L | 3/22/2004 | RAB |
| CHROMIUM | EPA-6010 | ND(<0.007) | MG/L | 3/22/2004 | RAB |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 15
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-19 3/11/04 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| LEAD | EPA-7421 | ND(<0.003) | MG/L | 3/23/2004 | RAB |
| MERCURY | EPA-7470 | ND(<.0002) | MG/L | 3/25/2004 | RAB |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 17
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-13:2 3/11/04 1035

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 17
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-13:2 3/11/04 1035

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/15/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/15/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 17
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-13:2 3/11/04 1035

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 18
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-13:10 3/11/04 1045

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 18
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-13:10 3/11/04 1045

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/15/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/15/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/15/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/2004 | CCN |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 18
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-13:10 3/11/04 1045

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 20
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-14:2 3/11/04 1120

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | >50 | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | >100 | MG/KG OIL | 3/15/2004 | DLC |
| TPH-DIESEL RANGE | NWTPH-DX | 1100 | MG/KG | 3/24/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 4600 | MG/KG | 3/24/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 20
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-14:2 3/11/04 1120

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
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DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 20
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-14:2 3/11/04 1120

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL
DIESEL RANGE RESULT BIASED HIGH DUE TO OIL RANGE OVERLAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 130 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 250 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 21
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-14:9 3/11/04 1125

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 21
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-14:9 3/11/04 1125

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

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295 NE GILMAN BLVD., SUITE 201
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DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 21
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-14:9 3/11/04 1125

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 22
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-16:0.5 3/11/04 1245

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | >100 | MG/KG OIL | 3/15/2004 | DLC |
| TPH-DIESEL RANGE | NWTPH-DX | 45 | MG/KG | 3/23/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 300 | MG/KG | 3/23/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |

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DATE: 3/26/2004
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CCIL SAMPLE #: 22
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-16:0.5 3/11/04 1245

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 22
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-16:0.5 3/11/04 1245

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL
DIESEL RANGE RESULT IS DUE TO OIL RANGE OVERLAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 23
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-16:2 3/11/04 1250

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 3/24/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/24/2004 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 24
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-16:10 3/11/04 1300

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-DIESEL RANGE | NWTPH-DX | 48 | MG/KG | 3/24/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/24/2004 | DLC |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 25
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-16 3/11/04 1440

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<0.25) | MG/L GAS | 3/16/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<0.63) | MG/L DSL | 3/16/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<0.63) | MG/L OIL | 3/16/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 25
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-16 3/11/04 1440

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 25
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-16 3/11/04 1440

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/29/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 26
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-15:0.5 3/12/04 0730

**REPORT AMENDED 4/29/04 TO CORRECT UNITS**

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/26/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/26/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/26/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/26/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/26/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/29/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 26
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-15:0.5 3/12/04 0730

**REPORT AMENDED 4/29/04 TO CORRECT UNITS**

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/26/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/26/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/26/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/26/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/29/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 26
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-15:0.5 3/12/04 0730

**REPORT AMENDED 4/29/04 TO CORRECT UNITS**

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 28
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-15 0740

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<0.25) | MG/L GAS | 3/16/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<0.63) | MG/L DSL | 3/16/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<0.63) | MG/L OIL | 3/16/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/26/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/26/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 28
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-15 0740

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/26/2004 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/26/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/26/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 28
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-15 0740

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 29
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-3 0810

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/16/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | >50 | MG/KG DSL | 3/16/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | >100 | MG/KG OIL | 3/16/2004 | DLC |
| TPH-DIESEL RANGE | NWTPH-DX | 59 | MG/KG | 3/24/2004 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/24/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 29
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-3 0810

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 29
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-3 0810

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 30
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-4 0815

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/15/2004 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/15/2004 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<100) | MG/KG OIL | 3/15/2004 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 30
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-4 0815

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/25/2004 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/25/2004 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/25/2004 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/25/2004 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 30
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-4 0815

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/26/2004
CCIL JOB #: 403056
CCIL SAMPLE #: 31
DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SS-2 0830

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| PCB-1016 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1221 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1232 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1242 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1248 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1254 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |
| PCB-1260 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/2004 | LAH |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CCI
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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/29/2004
CCIL JOB #: 403056

DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

### SURROGATE RECOVERY

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403056-01 | EPA-8082 MOD | TCMX | 90 |
| 403056-01 | EPA-8082 MOD | DBC | 89 |
| 403056-02 | NWTPH-HCID | BCB | 121 |
| 403056-02 | NWTPH-HCID | C25 | 123 |
| 403056-02 | NWTPH-DX | C25 | 106 |
| 403056-02 | EPA-8260 | 1,2-DCE-d4 | 124 |
| 403056-02 | EPA-8260 | TOLUENE-d8 | 94 |
| 403056-02 | EPA-8260 | 4-BFB | 89 |
| 403056-03 | NWTPH-HCID | BCB | 122 |
| 403056-03 | NWTPH-HCID | C25 | 121 |
| 403056-03 | EPA-8260 | 1,2-DCE-d4 | 122 |
| 403056-03 | EPA-8260 | TOLUENE-d8 | 90 |
| 403056-03 | EPA-8260 | 4-BFB | 91 |
| 403056-04 | NWTPH-GX | TFT | 109 |
| 403056-04 | NWTPH-DX | C25 | 116 |
| 403056-04 | EPA-8260 | 1,2-DCE-d4 | 106 |
| 403056-04 | EPA-8260 | TOLUENE-d8 | 95 |
| 403056-04 | EPA-8260 | 4-BFB | 101 |
| 403056-04 | EPA-8270 SIM | TERPHENYL-d14 | 102 |
| 403056-05 | NWTPH-HCID | BCB | 119 |
| 403056-05 | NWTPH-HCID | C25 | 121 |
| 403056-06 | NWTPH-HCID | BCB | 123 |
| 403056-06 | NWTPH-HCID | C25 | 123 |
| 403056-07 | NWTPH-GX | TFT | 84 |
| 403056-07 | NWTPH-DX | C25 | 124 |
| 403056-07 | EPA-8260 | 1,2-DCE-d4 | 102 |
| 403056-07 | EPA-8260 | TOLUENE-d8 | 96 |
| 403056-07 | EPA-8260 | 4-BFB | 104 |
| 403056-08 | NWTPH-HCID | BCB | 125 |
| 403056-08 | NWTPH-HCID | C25 | 124 |
| 403056-09 | NWTPH-HCID | BCB | 121 |
| 403056-09 | NWTPH-HCID | C25 | 122 |
| 403056-10 | NWTPH-HCID | BCB | 123 |
| 403056-10 | NWTPH-HCID | C25 | 126 |

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DATE: 3/29/2004
CCIL JOB #: 403056

DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

### SURROGATE RECOVERY

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403056-11 | NWTPH-GX | TFT | 107 |
| 403056-11 | NWTPH-DX | C25 | 102 |
| 403056-11 | EPA-8260 | 1,2-DCE-d4 | 99 |
| 403056-11 | EPA-8260 | TOLUENE-d8 | 100 |
| 403056-11 | EPA-8260 | 4-BFB | 100 |
| 403056-11 | EPA-8270 | 2-FLUOROPHENOL | 16 |
| 403056-11 | EPA-8270 | PHENOL-d5 | 27 |
| 403056-11 | EPA-8270 | NITROBENZENE-d5 | 118 |
| 403056-11 | EPA-8270 | 2-FLUOROBIPHENYL | 102 |
| 403056-11 | EPA-8270 | 2,4,6-TRIBROMOPHENOL | 13* |
| 403056-11 | EPA-8270 | TERPHENYL-d14 | 108 |
| 403056-12 | NWTPH-HCID | BCB | 124 |
| 403056-12 | NWTPH-HCID | C25 | 140 |
| 403056-12 | NWTPH-DX | C25 | 135 |
| 403056-12 | EPA-8260 | 1,2-DCE-d4 | 134** |
| 403056-12 | EPA-8260 | TOLUENE-d8 | 89 |
| 403056-12 | EPA-8260 | 4-BFB | 90 |
| 403056-13 | NWTPH-DX | C25 | 80 |
| 403056-14 | NWTPH-DX | C25 | 80 |
| 403056-15 | NWTPH-GX | TFT | 107 |
| 403056-15 | NWTPH-DX | C25 | 104 |
| 403056-15 | EPA-8260 | 1,2-DCE-d4 | 104 |
| 403056-15 | EPA-8260 | TOLUENE-d8 | 95 |
| 403056-15 | EPA-8260 | 4-BFB | 101 |
| 403056-17 | NWTPH-HCID | BCB | 126 |
| 403056-17 | NWTPH-HCID | C25 | 130 |
| 403056-17 | EPA-8260 | 1,2-DCE-d4 | 130 |
| 403056-17 | EPA-8260 | TOLUENE-d8 | 90 |
| 403056-17 | EPA-8260 | 4-BFB | 94 |
| 403056-18 | NWTPH-HCID | BCB | 121 |
| 403056-18 | NWTPH-HCID | C25 | 125 |
| 403056-18 | EPA-8260 | 1,2-DCE-d4 | 130 |
| 403056-18 | EPA-8260 | TOLUENE-d8 | 87 |
| 403056-18 | EPA-8260 | 4-BFB | 88 |

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## CERTIFICATE OF ANALYSIS

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295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/29/2004
CCIL JOB #: 403056

DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

### SURROGATE RECOVERY

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403056-20 | NWTPH-HCID | BCB | 120 |
| 403056-20 | NWTPH-HCID | C25 | 117 |
| 403056-20 | NWTPH-DX | C25 | 95 |
| 403056-20 | EPA-8260 | 1,2-DCE-d4 | 118 |
| 403056-20 | EPA-8260 | TOLUENE-d8 | 95 |
| 403056-20 | EPA-8260 | 4-BFB | 84 |
| 403056-21 | NWTPH-HCID | BCB | 124 |
| 403056-21 | NWTPH-HCID | C25 | 124 |
| 403056-21 | EPA-8260 | 1,2-DCE-d4 | 108 |
| 403056-21 | EPA-8260 | TOLUENE-d8 | 97 |
| 403056-21 | EPA-8260 | 4-BFB | 83 |
| 403056-22 | NWTPH-HCID | BCB | 123 |
| 403056-22 | NWTPH-HCID | C25 | 123 |
| 403056-22 | NWTPH-DX | C25 | 118 |
| 403056-22 | EPA-8260 | 1,2-DCE-d4 | 122 |
| 403056-22 | EPA-8260 | TOLUENE-d8 | 93 |
| 403056-22 | EPA-8260 | 4-BFB | 86 |
| 403056-23 | NWTPH-DX | C25 | 92 |
| 403056-24 | NWTPH-DX | C25 | 93 |
| 403056-25 | NWTPH-HCID | BCB | 105 |
| 403056-25 | NWTPH-HCID | C25 | 119 |
| 403056-25 (CONCENTRATE) | NWTPH-HCID | C25 | 112 |
| 403056-25 | EPA-8260 | 1,2-DCE-d4 | 102 |
| 403056-25 | EPA-8260 | TOLUENE-d8 | 94 |
| 403056-25 | EPA-8260 | 4-BFB | 101 |
| 403056-26 | NWTPH-HCID | BCB | 123 |
| 403056-26 | NWTPH-HCID | C25 | 123 |
| 403056-26 | EPA-8260 | 1,2-DCE-d4 | 119 |
| 403056-26 | EPA-8260 | TOLUENE-d8 | 92 |
| 403056-26 | EPA-8260 | 4-BFB | 86 |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/29/2004
CCIL JOB #: 403056

DATE RECEIVED: 3/12/2004
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

**SURROGATE RECOVERY**

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403056-28 | NWTPH-HCID | BCB | 113 |
| 403056-28 | NWTPH-HCID | C25 | 125 |
| 403056-28 (CONCENTRATE) | NWTPH-HCID | C25 | 116 |
| 403056-28 | EPA-8260 | 1,2-DCE-d4 | 101 |
| 403056-28 | EPA-8260 | TOLUENE-d8 | 98 |
| 403056-28 | EPA-8260 | 4-BFB | 103 |
| 403056-29 | NWTPH-HCID | BCB | 122 |
| 403056-29 | NWTPH-HCID | C25 | 123 |
| 403056-29 | NWTPH-DX | C25 | 53 |
| 403056-29 | EPA-8260 | 1,2-DCE-d4 | 125 |
| 403056-29 | EPA-8260 | TOLUENE-d8 | 91 |
| 403056-29 | EPA-8260 | 4-BFB | 86 |
| 403056-30 | NWTPH-HCID | BCB | 123 |
| 403056-30 | NWTPH-HCID | C25 | 122 |
| 403056-30 | EPA-8260 | 1,2-DCE-d4 | 131 |
| 403056-30 | EPA-8260 | TOLUENE-d8 | 90 |
| 403056-30 | EPA-8260 | 4-BFB | 82 |
| 403056-31 | EPA-8082 MOD | TCMX | 96 |
| 403056-31 | EPA-8082 MOD | DBC | 95 |

* SURROGATE OUTSIDE OF CONTROL LIMITS OF 24-137%
** SURROGATE OUTSIDE OF CONTROL LIMITS OF 91-133%

APPROVED BY:

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody / Laboratory Analysis Request

CCI Job# _____ (Laboratory Use Only)

Date _____ Page 1 Of 3

| | |
|---|---|
| PROJECT ID: | 43101.1 |
| REPORT TO COMPANY: | ENVIRONMENTAL PARTNERS INC. |
| PROJECT MANAGER: | ERIC KOLTES |
| ADDRESS: | 295 NE GILLMAN BLVD ST 201 |
| | ISSAQUAH WA 98027 |
| PHONE: | 425 395 0010 FAX: 425 395 0011 |
| P.O. NUMBER: | 43101.1 E-MAIL: ericke@epi-wa.com |
| INVOICE TO COMPANY: | SAME |
| ATTENTION: | TOM ELSEMORE |
| ADDRESS: | SAME |

ANALYSIS REQUESTED

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☒ | PCB ☒ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☒ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. SS-1 | 3/12/04 | 0840 | S | 1 | | | | | | | | | | | | X | | | | 1 | |
| 2. ~~SS-7~~ | | 0900 | S | 2 | X | X | | | | | X | | | | | | | | | 1 | |
| 3. SS-6 | | 0910 | S | 3 | X | | | | | | X | | | | | | | | | 1 | |
| 4. MW-1 | | 0915 | W | 4 | | X | X | | | | X | | | | X | | | | | 6 | |
| 5. B-3:2 | | 0950 | S | 5 | X | | | | | | | | | | | | | | | 1 | |
| 6. B-3:10 | | 0955 | S | 6 | X | | | ~~ALL~~ | ~~HAVE~~ | | | | | | | | | | | 1 | |
| 7. B-3 | | 1010 | W | 7 | | X | X | | | | X | | | | | | X | | | 4 | |
| 8. B-2:2 | | 1100 | S | 8 | X | | | | | | | | | | | | | | | 1 | |
| 9. B-1:2 | | 1115 | S | 9 | X | | | | | | | | | | | | | | | 1 | |
| 10. B-1:10 SEE NOTE | | 1120 | S | 10 | X | | | | | | | | | | | | | | | 1 | |
| 11. B-1 | | 1140 | W | 11 | | X | X | | | | X | | | X | | | X | | | 6 | |

REPORT COPY

SPECIAL INSTRUCTIONS

OTHER (Specify)

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: _____ EPI 3/12/04 1:45
   Received By: _____ CCIAL 3/12/04 1:45
2. Relinquished By: _____
   By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:

Specify: X LAB FILTER B-1 PRIOR TO ACIDIFICATION

rnaro... st les... ndard ... r Rus...

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody / Laboratory Analysis Request

lab# abor e Or

Date _____ Page 2 Of 3

PROJECT ID: 43101.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS, INC.
PROJECT MANAGER: ERIC KOLTES
ADDRESS: 795 NE GILMAN BLVD SI 701
ISSAQUAH (WA) 98027
PHONE: 425 395 0010 FAX: 425 395 0011
P.O. NUMBER: 43101.1 E-MAIL: erick@epi-wa.com
INVOICE TO COMPANY: SAME
ATTENTION: TOM ELSEMORE
ADDRESS: SAME

ANALYSIS REQUESTED

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-19:0.5 | 3/11/04 | 0800 | S | 12 | X | X | | | | | X | | | | | | | | | 1 | |
| 2. B-19:2 | | 0805 | S | 13 | | X | ARCHIVE | | | | | | | | | | | | | 1 | |
| 3. B-19:10 | | 0830 | S | 14 | | X | ARCHIVE | | | | | | | | | | | | | 1 | |
| 4. B-19 | | 0900 | W | 15 | | X | X | | | | X | | | | | X | | | | 5 | |
| 5. B-20:2 | 3/10/04 | 1140 | S | 16 | | | | | ARCHIVE | | | | | | | | | | | 1 | |
| 6. B-13:2 | 3/11/04 | 1035 | S | 17 | X | | | | | | X | | | | | | | | | 1 | |
| 7. B-13:10 | | 1045 | S | 18 | X | | | | | | X | | | | | | | | | 1 | |
| 8. B-13 | | 1055 | W | 19 | | | ARCHIVE | | | | | | | | | | | | | | |
| 9. B-14:2 | | 1120 | S | 20 | X | X | | | | | X | | | | | | | | | 1 | |
| 10. B-14:9 | | 1125 | S | 21 | X | | | | | | X | | | | | | | | | 1 | |

OTHER (Specify)

REPORT COPY

SPECIAL INSTRUCTIONS 3/12/04 1630 Eric added VOC to # 17, 18, 20 + 21 -RB ✓ add'l 3/19 per Eric

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: _____ EPI 3/12/04 1350
Received By: _____ CCIAL 3/12/04 1350
2. Relinquished By: _____
Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify: _____

*Turnaround request less than standard may incur Rush Charges

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only)

Date _____ Page 3 Of 3

PROJECT ID: 47101.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS, INC.
PROJECT MANAGER: ERIC VOLTZ
ADDRESS: 295 NE GILMAN BLVD ST 701
ISSAQUAH WA 98027
PHONE: 425 395 0010 FAX: 425 392 0011
P.O. NUMBER: 47101.1 E-MAIL: erick@epi-wa.com
INVOICE TO COMPANY: SAME
ATTENTION: TOM ESLEMONT
ADDRESS: SAME

ANALYSIS REQUESTED

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☒ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-16 : 0.5 | 3/11/04 | 1245 | S | 22 | X | X | | | | | X | | | | | | | | | 1 | |
| 2. B-16 : 2 | | 1250 | S | 23 | | X | | | | | | | | | | | | | | 1 | |
| 3. B-16 : 10 | | 1300 | S | 24 | | X | | | | | | | | | | | | | | 1 | |
| 4. B-16 | | 1440 | W | 25 | X | | | | | | X | | | | | | | | | | |
| 5. B-15 : 0.5 | 3/12/04 | 0730 | S | 26 | X | | | | | | X | | | | | | | | | 1 | |
| 6. B-15 : 2 | | 0735 | S | 27 | | | | | | | | | | | | | | | | 1 | |
| 7. B-15 | | 0740 | W | 28 | X | | | | | | X | | | | | | | | | 5 | |
| 8. SS-3 | | 0810 | S | 29 | X | X | | | | | X | | | | | | | | | 1 | |
| 9. SS-4 | | 0815 | S | 30 | X | | | | | | X | | | | | | | | | 1 | |
| 10. SS-2 | | 0830 | W | 31 | | | | | | | | | | | | X | | | | | |

OTHER (Specify)

REPORT COPY

SPECIAL INSTRUCTIONS (X) add'l 3/19 per Eric

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: EPI 3/12/04 1350
Received By: CCIA 3/12/04 1350
2. Relinquished By: _____
Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 | 3 | 1 | SAME DAY

OTHER: Specify: _____

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 1
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-17 3/17/04 1235

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/22/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX W/CLEANUP | 360 | UG/L | 3/23/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX W/CLEANUP | 290 | UG/L | 3/23/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/30/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 1
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-17 3/17/04 1235

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/30/04 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 1
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-17 3/17/04 1235

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT AND LUBE OIL

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 2
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10 3/17/04 1130

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/22/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX W/CLEANUP | 360 | UG/L | 3/23/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX W/CLEANUP | ND | UG/L | 3/23/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/30/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 2
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10 3/17/04 1130

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/30/04 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 2
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10 3/17/04 1130

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| NAPHTHALENE | EPA-8270 SIM | 0.24 | UG/L | 3/30/04 | CCN |
| 1-METHYLNAPHTHALENE | EPA-8270 SIM | 0.14 | UG/L | 3/30/04 | CCN |
| 2-METHYLNAPHTHALENE | EPA-8270 SIM | 0.15 | UG/L | 3/30/04 | CCN |
| ACENAPHTHYLENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| ACENAPHTHENE | EPA-8270 SIM | 0.18 | UG/L | 3/30/04 | CCN |
| FLUORENE | EPA-8270 SIM | 0.06 | UG/L | 3/30/04 | CCN |
| PHENANTHRENE | EPA-8270 SIM | 0.25 | UG/L | 3/30/04 | CCN |
| ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| FLUORANTHENE | EPA-8270 SIM | 0.13 | UG/L | 3/30/04 | CCN |
| PYRENE | EPA-8270 SIM | 0.04 | UG/L | 3/30/04 | CCN |
| BENZO[A]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| CHRYSENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| BENZO[B]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| BENZO[K]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| BENZO(A)PYRENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| INDENO[1,2,3-CD]PYRENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| DIBENZ[A,H]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |
| BENZO[G,H,I]PERYLENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/30/04 | CCN |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 3
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-8 3/17/04 1150

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 3/22/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | 260 | UG/L | 3/19/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 360 | UG/L | 3/19/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ACETONE | EPA-8260 | ND(<25) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<5) | UG/L | 3/30/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| TOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 3
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-8 3/17/04 1150

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<4) | UG/L | 3/30/04 | CCN |
| STYRENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<10) | UG/L | 3/30/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<2) | UG/L | 3/30/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 3
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-8 3/17/04 1150

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| NAPHTHALENE | EPA-8270 SIM | 0.30 | UG/L | 3/31/04 | CCN |
| 1-METHYLNAPHTHALENE | EPA-8270 SIM | 0.10 | UG/L | 3/31/04 | CCN |
| 2-METHYLNAPHTHALENE | EPA-8270 SIM | 0.12 | UG/L | 3/31/04 | CCN |
| ACENAPHTHYLENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| ACENAPHTHENE | EPA-8270 SIM | 0.14 | UG/L | 3/31/04 | CCN |
| FLUORENE | EPA-8270 SIM | 0.05 | UG/L | 3/31/04 | CCN |
| PHENANTHRENE | EPA-8270 SIM | 0.23 | UG/L | 3/31/04 | CCN |
| ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| FLUORANTHENE | EPA-8270 SIM | 0.11 | UG/L | 3/31/04 | CCN |
| PYRENE | EPA-8270 SIM | 0.03 | UG/L | 3/31/04 | CCN |
| BENZO[A]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| CHRYSENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| BENZO[B]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| BENZO[K]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| BENZO(A)PYRENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| INDENO[1,2,3-CD]PYRENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| DIBENZ[A,H]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |
| BENZO[G,H,I]PERYLENE | EPA-8270 SIM | ND(<0.02) | UG/L | 3/31/04 | CCN |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT AND LUBE OIL

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rd

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 4
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-20 3/17/04 1100

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| ARSENIC | EPA-7060 | 0.013 | MG/L | 3/25/04 | RAB |
| CADMIUM | EPA-6010 | ND(<0.005) | MG/L | 3/22/04 | RAB |
| CHROMIUM | EPA-6010 | ND(<0.007) | MG/L | 3/22/04 | RAB |
| LEAD | EPA-7421 | ND(<0.003) | MG/L | 3/23/04 | RAB |
| MERCURY | EPA-7470 | ND(<.0002) | MG/L | 3/25/04 | RAB |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/25/04
CCIL JOB #: 403085
CCIL SAMPLE #: 5
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-8:10 3/17/04 1120

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 3/23/04 | LAH |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 3/23/04 | LAH |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 3/23/04 | LAH |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 3/23/04 | LAH |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 3/23/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | 31 | MG/KG | 3/23/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/23/04 | DLC |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 7
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-8:2 3/17/04 1115

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 3/23/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | 39 | MG/KG | 3/22/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/22/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 7
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-8:2 3/17/04 1115

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/31/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/31/04 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 8
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10:12 3/17/04 0850

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/31/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/31/04 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 8
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10:12 3/17/04 0850

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| NAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| 1-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| 2-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| ACENAPHTHYLENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| ACENAPHTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| FLUORENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| PHENANTHRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[A]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| CHRYSENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[B]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[K]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO(A)PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| INDENO[1,2,3-CD]PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| DIBENZ[A,H]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[G,H,I]PERYLENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT AND LUBE OIL

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rft

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 7
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-8:2 3/17/04 1115

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| NAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| 1-METHYLNAPHTHALENE | EPA-8270 SIM | 0.03 | MG/KG | 3/29/04 | CCN |
| 2-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| ACENAPHTHYLENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| ACENAPHTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| FLUORENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| PHENANTHRENE | EPA-8270 SIM | 0.02 | MG/KG | 3/29/04 | CCN |
| ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[A]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| CHRYSENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[B]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[K]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO(A)PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| INDENO[1,2,3-CD]PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| DIBENZ[A,H]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[G,H,I]PERYLENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY DIESEL FUEL

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ref

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 8
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10:12 3/17/04 0850

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 3/23/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | 32 | MG/KG | 3/22/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 160 | MG/KG | 3/22/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 9
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10:2 3/17/04 0830

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 3/23/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | 32 | MG/KG | 3/22/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 160 | MG/KG | 3/22/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 9
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10:2 3/17/04 0830

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/31/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/31/04 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/31/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/31/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085
CCIL SAMPLE #: 9
DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: TP-10:2 3/17/04 0830

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| NAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| 1-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| 2-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| ACENAPHTHYLENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| ACENAPHTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| FLUORENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| PHENANTHRENE | EPA-8270 SIM | 0.04 | MG/KG | 3/29/04 | CCN |
| ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| FLUORANTHENE | EPA-8270 SIM | 0.08 | MG/KG | 3/29/04 | CCN |
| PYRENE | EPA-8270 SIM | 0.05 | MG/KG | 3/29/04 | CCN |
| BENZO[A]ANTHRACENE | EPA-8270 SIM | 0.03 | MG/KG | 3/29/04 | CCN |
| CHRYSENE | EPA-8270 SIM | 0.05 | MG/KG | 3/29/04 | CCN |
| BENZO[B]FLUORANTHENE | EPA-8270 SIM | 0.04 | MG/KG | 3/29/04 | CCN |
| BENZO[K]FLUORANTHENE | EPA-8270 SIM | 0.06 | MG/KG | 3/29/04 | CCN |
| BENZO(A)PYRENE | EPA-8270 SIM | 0.05 | MG/KG | 3/29/04 | CCN |
| INDENO[1,2,3-CD]PYRENE | EPA-8270 SIM | 0.04 | MG/KG | 3/29/04 | CCN |
| DIBENZ[A,H]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/29/04 | CCN |
| BENZO[G,H,I]PERYLENE | EPA-8270 SIM | 0.05 | MG/KG | 3/29/04 | CCN |

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT AND LUBE OIL

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085

DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

### SURROGATE RECOVERY

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403085-01 | NWTPH-GX | TFT | 107 |
| 403085-01 | NWTPH-DX | C25 | 92 |
| 403085-01 | EPA-8260 | 1,2-DCE-d4 | 112 |
| 403085-01 | EPA-8260 | TOLUENE-d8 | 91 |
| 403085-01 | EPA-8260 | 4-BFB | 105 |
| 403085-02 | NWTPH-GX | TFT | 110 |
| 403085-02 | NWTPH-DX | C25 | 89 |
| 403085-02 | EPA-8260 | 1,2-DCE-d4 | 107 |
| 403085-02 | EPA-8260 | TOLUENE-d8 | 89* |
| 403085-02 | EPA-8260 | 4-BFB | 102 |
| 403085-02 | EPA-8270 SIM | TERPHENYL-d14 | 105 |
| 403085-03 | NWTPH-GX | TFT | 109 |
| 403085-03 | NWTPH-DX | C25 | 89 |
| 403085-03 | EPA-8260 | 1,2-DCE-d4 | 105 |
| 403085-03 | EPA-8260 | TOLUENE-d8 | 91 |
| 403085-03 | EPA-8260 | 4-BFB | 102 |
| 403085-03 | EPA-8270 SIM | TERPHENYL-d14 | 75 |
| 403085-05 | NWTPH-GX | TFT | 86 |
| 403085-05 | EPA-8021 | TFT | 84 |
| 403085-05 | NWTPH-DX | C25 | 101 |
| 403085-07 | NWTPH-GX | TFT | 114 |
| 403085-07 | NWTPH-DX | C25 | 74 |
| 403085-07 | EPA-8260 | 1,2-DCE-d4 | 107 |
| 403085-07 | EPA-8260 | TOLUENE-d8 | 101 |
| 403085-07 | EPA-8260 | 4-BFB | 104 |
| 403085-07 | EPA-8270 SIM | TERPHENYL-d14 | 77 |
| 403085-08 | NWTPH-GX | TFT | 101 |
| 403085-08 | NWTPH-DX | C25 | 64 |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/31/04
CCIL JOB #: 403085

DATE RECEIVED: 3/18/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

**SURROGATE RECOVERY**

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403085-08 | EPA-8260 | 1,2-DCE-d4 | 103 |
| 403085-08 | EPA-8260 | TOLUENE-d8 | 101 |
| 403085-08 | EPA-8260 | 4-BFB | 106 |
| 403085-08 | EPA-8270 SIM | TERPHENYL-d14 | 77 |
| 403085-09 | NWTPH-GX | TFT | 84 |
| 403085-09 | NWTPH-DX | C25 | 73 |
| 403085-09 | EPA-8260 | 1,2-DCE-d4 | 110 |
| 403085-09 | EPA-8260 | TOLUENE-d8 | 98 |
| 403085-09 | EPA-8260 | 4-BFB | 107 |
| 403085-09 | EPA-8270 SIM | TERPHENYL-d14 | 74 |

* SURROGATE OUTSIDE OF CONTROL LIMITS OF 90-110%

APPROVED BY: C Ruff

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only)

Date 3/17/04 Page 1 Of 1

PROJECT ID: 43101.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS INC.
PROJECT MANAGER: ERIC KOLTEN
ADDRESS: 295 NE GILMAN BLVD ST 201
ISSAQUAH WA 98027
PHONE: 425 395 0010 FAX: 425 395 0011
P.O. NUMBER: 43101.1 E-MAIL: erik@epi-wa.com
INVOICE TO COMPANY: SAME
ATTENTION: TOM KELLEHER
ADDRESS: SAME

ANALYSIS REQUESTED

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. TP-17 | 3/17/04 | 1235 | W | | | X | X | | | | X | | | | | | | | | | |
| 2. TP-10 | 3/17/04 | 1130 | W | | | X | X | | | | X | | | | X | | | | | | |
| 3. TP-8 | 3/17/04 | 1150 | W | | | X | X | | | | X | | | | X | | | | | | |
| 4. TP-20 | | 1100 | W | | | | | ARCHIVE | | | | | | | | | X | | | | |
| 5. TP-8:10 | | 1120 | S | | | X | X | X | | | | | | | | | | | | | |
| 6. TP-17:7.5 | | 1225 | S | | | | | ARCHIVE | | | | | | | | | | | | | |
| 7. TP-8:2 | | 1115 | S | | | X | X | | | | X | | | | X | | | | | | |
| 8. TP-10:12 | | 0850 | S | | | X | X | | | | X | | | | X | | | | | | |
| 9. TP-10:2 | | 0830 | S | | | X | X | | | | X | | | | X | | | | | | |
| 10. TP-10:10 | | 0840 | S | | | | | ARCHIVE | | | | | | | | | | | | | |

OTHER (Specify)

REPORT COPY

SPECIAL INSTRUCTIONS Sample not received to ICP (X) added 3/19 per Eric

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Joan B L Mallette 3/18/04 2:45 pm
   Received By: CCIAL 3/16/04 1447
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:

Specify: _____

CCI
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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 1
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-22 3/9/04 1400

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| ARSENIC | EPA-7060 | ND(<0.005) | MG/L | 3/25/04 | RAB |
| CADMIUM | EPA-6010 | ND(<0.005) | MG/L | 3/22/04 | RAB |
| CHROMIUM | EPA-6010 | ND(<0.007) | MG/L | 3/22/04 | RAB |
| LEAD | EPA-7421 | ND(<0.003) | MG/L | 3/23/04 | RAB |
| MERCURY | EPA-7470 | ND(<.0002) | MG/L | 3/25/04 | RAB |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ref

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/23/04
CCIL JOB #: 403040
CCIL SAMPLE #: 2
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-6:2 3/10/04 0740

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| PCB-1016 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1221 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1232 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1242 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1248 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1254 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1260 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| FORMALDEHYDE | EPA-8315 MOD | 7.1 | MG/KG | 3/12/04 | STL |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ref

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 5
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-7:2 0840

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/11/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | >50 | MG/KG DSL | 3/11/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | >100 | MG/KG OIL | 3/11/04 | DLC |
| TPH-DIESEL RANGE | NWTPH-DX | 11000 | MG/KG | 3/29/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 480 | MG/KG | 3/29/04 | DLC |
| PCB-1016 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1221 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1232 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1242 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1248 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1254 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| PCB-1260 | EPA-8082 MOD | ND(<0.1) | MG/KG | 3/22/04 | LAH |
| FORMALDEHYDE | EPA-8315 MOD | 9.4 | MG/KG | 3/12/04 | STL |

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY DIESEL FUEL
LUBE OIL RANGE RESULT IS BIASED HIGH DUE TO DIESEL RANGE PRODUCT OVERLAP
SAMPLE LIKELY CONTAINS LOW LEVEL OF NON STANDARD PCB
NWTPH-DX ANALYSIS PERFORMED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 250 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 500 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 6
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-7:10 0855

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| FORMALDEHYDE | EPA-8315 MOD | 15 | MG/KG | 3/31/04 | STL |

NOTE: ANALYSIS PERFORMED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 3
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-6:10 0745

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| FORMALDEHYDE | EPA-8315 MOD | 14 | MG/KG | 3/31/04 | STL |

NOTE: ANALYSIS PERFORMED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/23/04
CCIL JOB #: 403040
CCIL SAMPLE #: 4
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-6 0800

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| PCB-1016 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1221 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1232 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1242 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1248 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1254 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1260 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| FORMALDEHYDE | EPA-8315 MOD | 0.14 | MG/L | 3/12/04 | STL |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/23/04
CCIL JOB #: 403040
CCIL SAMPLE #: 7
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-7 0900

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<0.25) | MG/L GAS | 3/12/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<0.63) | MG/L DSL | 3/12/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | ND(<0.63) | MG/L OIL | 3/12/04 | DLC |
| PCB-1016 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1221 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1232 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1242 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1248 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1254 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| PCB-1260 | EPA-8082 MOD | ND(<0.1) | UG/L | 3/23/04 | LAH |
| FORMALDEHYDE | EPA-8315 MOD | ND(<0.02) | MG/L | 3/12/04 | STL |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rich

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 8
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-26 0940

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| ARSENIC | EPA-7060 | 0.009 | MG/L | 3/25/04 | RAB |
| CADMIUM | EPA-6010 | ND(<0.005) | MG/L | 3/22/04 | RAB |
| CHROMIUM | EPA-6010 | ND(<0.007) | MG/L | 3/22/04 | RAB |
| LEAD | EPA-7421 | ND(<0.003) | MG/L | 3/23/04 | RAB |
| MERCURY | EPA-7470 | ND(<.0002) | MG/L | 3/25/04 | RAB |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rit

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 9
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-25 1010

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| ARSENIC | EPA-7060 | 0.009 | MG/L | 3/25/04 | RAB |
| CADMIUM | EPA-6010 | ND(<0.005) | MG/L | 3/22/04 | RAB |
| CHROMIUM | EPA-6010 | ND(<0.007) | MG/L | 3/22/04 | RAB |
| LEAD | EPA-7421 | ND(<0.003) | MG/L | 3/23/04 | RAB |
| MERCURY | EPA-7470 | ND(<.0002) | MG/L | 3/25/04 | RAB |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 10
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-17:0.5 1050

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/11/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | >50 | MG/KG DSL | 3/11/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | >100 | MG/KG OIL | 3/11/04 | DLC |
| TPH-DIESEL RANGE | NWTPH-DX | 240 | MG/KG | 3/29/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 1100 | MG/KG | 3/29/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 10
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-17:0.5 1050

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/15/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/15/04 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 10
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-17:0.5 1050

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL
DIESEL RANGE RESULT IS BIASED HIGH DUE TO LUBE OIL RANGE PRODUCT OVERLAP
NWTPH-DX ANALYSIS PERFORMED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ref

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 11
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-17:2 3/10/04 1055

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-DIESEL RANGE | NWTPH-DX | 59 | MG/KG | 3/29/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 220 | MG/KG | 3/29/04 | DLC |

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL
DIESEL RANGE RESULT IS BIASED HIGH DUE TO LUBE OIL RANGE PRODUCT OVERLAP
NWTPH-DX ANALYSIS PERFORMED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/23/04
CCIL JOB #: 403040
CCIL SAMPLE #: 12
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-9:2 3/10/04 1210

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 3/12/04 | LAH |
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 3/11/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/11/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/23/04
CCIL JOB #: 403040
CCIL SAMPLE #: 12
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-9:2 3/10/04 1210

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/15/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/15/04 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 3/23/04
CCIL JOB #: 403040
CCIL SAMPLE #: 12
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-9:2 3/10/04 1210

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| NAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| 1-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| 2-METHYLNAPHTHALENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| ACENAPHTHYLENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| ACENAPHTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| FLUORENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| PHENANTHRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| BENZO[A]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| CHRYSENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| BENZO[B]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| BENZO[K]FLUORANTHENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| BENZO(A)PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| INDENO[1,2,3-CD]PYRENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| DIBENZ[A,H]ANTHRACENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |
| BENZO[G,H,I]PERYLENE | EPA-8270 SIM | ND(<0.02) | MG/KG | 3/17/04 | CCN |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 13
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-18:0.5 1355

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| HCID-GAS RANGE | NWTPH-HCID | ND(<20) | MG/KG GAS | 3/11/04 | DLC |
| HCID-DIESEL RANGE | NWTPH-HCID | ND(<50) | MG/KG DSL | 3/11/04 | DLC |
| HCID-OIL RANGE | NWTPH-HCID | >100 | MG/KG OIL | 3/11/04 | DLC |
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 3/29/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 3/29/04 | DLC |
| DICHLORODIFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| VINYL CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRICHLOROFLUOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ACETONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| METHYLENE CHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ACRYLONITRILE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| METHYL T-BUTYL ETHER | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRANS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-BUTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| CIS-1,2-DICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CHLOROFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,1-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CARBON TETRACHLORIDE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRICHLOROETHENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| DIBROMOMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMODICHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TRANS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 13
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-18:0.5 1355

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 4-METHYL-2-PENTANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| TOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| CIS-1,3-DICHLOROPROPENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,2-TRICHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-HEXANONE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,3-DICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| TETRACHLOROETHYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| DIBROMOCHLOROMETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DIBROMOETHANE | EPA-8260 | ND(<5) | UG/KG | 3/15/04 | CCN |
| CHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,1,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| M+P XYLENE | EPA-8260 | ND(<20) | UG/KG | 3/15/04 | CCN |
| STYRENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| O-XYLENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOFORM | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| ISOPROPYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,1,2,2-TETRACHLOROETHANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,3-TRICHLOROPROPANE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| BROMOBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| N-PROPYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 2-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,3,5-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 4-CHLOROTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| T-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,4-TRIMETHYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| S-BUTYL BENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| P-ISOPROPYLTOLUENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,3 DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,4-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| N-BUTYLBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2-DIBROMO 3-CHLOROPROPANE | EPA-8260 | ND(<50) | UG/KG | 3/15/04 | CCN |
| 1,2,4-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| HEXACHLORO1,3-BUTADIENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |

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## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 11/22/04
CCIL JOB #: 411045
CCIL SAMPLE #: SEE BELOW
DATE RECEIVED: 11/9/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SEE BELOW

## DATA RESULTS

| CLIENT ID | ANALYTE | SAMPLE DATE | CCIAL ID | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| B-34:2 | FORMALDEHYDE | 11/9/04 | -1 | EPA-8315 MOD | 2.7 | MG/KG | 11/13/04 | STL |
| B-34:10 | FORMALDEHYDE | 11/9/04 | -2 | EPA-8315 MOD | 18 | MG/KG | 11/13/04 | STL |
| B-36:2 | FORMALDEHYDE | 11/9/04 | -3 | EPA-8315 MOD | 7.7 | MG/KG | 11/13/04 | STL |
| B-36:10 | FORMALDEHYDE | 11/9/04 | -4 | EPA-8315 MOD | 7.8 | MG/KG | 11/13/04 | STL |
| B-37:2 | FORMALDEHYDE | 11/9/04 | -5 | EPA-8315 MOD | 2.5 | MG/KG | 11/13/04 | STL |
| B-37:10 | FORMALDEHYDE | 11/9/04 | -6 | EPA-8315 MOD | 14 | MG/KG | 11/13/04 | STL |
| B-38:2 | FORMALDEHYDE | 11/9/04 | -7 | EPA-8315 MOD | ND(<1.1) | MG/KG | 11/13/04 | STL |
| B-39:2 | FORMALDEHYDE | 11/9/04 | -8 | EPA-8315 MOD | 42 | MG/KG | 11/13/04 | STL |
| B-39:10 | FORMALDEHYDE | 11/9/04 | -9 | EPA-8315 MOD | 4.0 | MG/KG | 11/13/04 | STL |
| B-40:2 | FORMALDEHYDE | 11/9/04 | -10 | EPA-8315 MOD | 6.7 | MG/KG | 11/13/04 | STL |
| B-40:4 | FORMALDEHYDE | 11/9/04 | -11 | EPA-8315 MOD | 2.4 | MG/KG | 11/13/04 | STL |
| B-40:10 | FORMALDEHYDE | 11/9/04 | -12 | EPA-8315 MOD | 3.7 | MG/KG | 11/13/04 | STL |
| B-35:2 | FORMALDEHYDE | 11/9/04 | -13 | EPA-8315 MOD | 4.4 | MG/KG | 11/13/04 | STL |
| B-35:10 | FORMALDEHYDE | 11/9/04 | -14 | EPA-8315 MOD | 2.7 | MG/KG | 11/13/04 | STL |
| B-34 | FORMALDEHYDE | 11/9/04 | -15 | EPA-8315 MOD | ND(<0.02) | MG/L | 11/12/04 | STL |
| B-35 | FORMALDEHYDE | 11/9/04 | -16 | EPA-8315 MOD | ND(<0.02) | MG/L | 11/12/04 | STL |
| B-36 | FORMALDEHYDE | 11/9/04 | -17 | EPA-8315 MOD | ND(<0.02) | MG/L | 11/12/04 | STL |
| B-37 | FORMALDEHYDE | 11/9/04 | -18 | EPA-8315 MOD | ND(<0.02) | MG/L | 11/12/04 | STL |
| B-38 | FORMALDEHYDE | 11/9/04 | -19 | EPA-8315 MOD | ND(<0.02) | MG/L | 11/12/04 | STL |
| B-39 | FORMALDEHYDE | 11/9/04 | -20 | EPA-8315 MOD | ND(<0.02) | MG/L | 11/12/04 | STL |
| B-40 | FORMALDEHYDE | 11/9/04 | -21 | EPA-8315 MOD | 0.06 | MG/L | 11/12/04 | STL |

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rut



8620 Holly Drive • Everett, WA 98208 • 425 356-2600 • FAX 425 356-2626 • Seattle 206 292-9059

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only)

Date 11/9/04 Page 1 Of 2

PROJECT ID: 43101.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS INC.
PROJECT MANAGER: ERIC KOLTES
ADDRESS: 795 NE GILMAN BLVD Ste 201
ISSAQUAH WA 98027
PHONE: 425 395 0010 FAX: 425 395 0011
P.O. NUMBER: 43101.1 E-MAIL: erick@ep-wa.com
INVOICE TO COMPANY: SAME
ATTENTION: ACCOUNTS PAYABLE
ADDRESS: SAME

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# |
|---|---|---|---|---|
| 1. B-34:2 | 11/9/04 | 0835 | S | 1 |
| 2. B-34:10 | | 0840 | | 2 |
| 3. B-36:2 | | 0915 | | 3 |
| 4. B-36:10 | | 0935 | | 4 |
| 5. B-37:2 | | 1000 | | 5 |
| 6. B-37:10 | | 1005 | | 6 |
| 7. B-38:2 | | 1040 | | 7 |
| 8. B-39:2 | | 1130 | | 8 |
| 9. B-39:10 | | 1140 | | 9 |
| 10. B-40:2 | | 1200 | | 10 |

ANALYSIS REQUESTED

| NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | |

OTHER (Specify)

| FORMALDEHYDE | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|
| X | 1 | |
| X | | |
| X | | |
| X | | |
| X | | |
| X | | |
| X | | |
| X | | |
| X | | |
| X | 4 | |

REPORT COPY

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: EPI 11/9/04 1335
Received By: CCIAL 11/9/04 1335
2. Relinquished By:
Receiv...

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

...ound ... ...ss th... ...y me... ...sh C...

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 13
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-18:0.5 1355

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| NAPHTHALENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |
| 1,2,3-TRICHLOROBENZENE | EPA-8260 | ND(<10) | UG/KG | 3/15/04 | CCN |

NOTE: NWTPH-DX ANALYSIS PERFORMED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Ruff

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040
CCIL SAMPLE #: 14
DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: B-18:2 1400

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 3/29/04 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | 130 | MG/KG | 3/29/04 | DLC |

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL
NWTPH-DX ANALYSIS PERFORMED OUTSIDE OF HOLD TIME

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Pat

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040

DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

### SURROGATE RECOVERY

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403040-02 | EPA-8082 MOD | TCMX | 100 |
| 403040-02 | EPA-8082 MOD | DBC | 99 |
| 403040-04 | EPA-8082 MOD | TCMX | 81 |
| 403040-04 | EPA-8082 MOD | DBC | 83 |
| 403040-05 | NWTPH-HCID | BCB | 86 |
| 403040-05 | NWTPH-HCID | C25 | 95 |
| 403040-05 | NWTPH-DX | C25 | ** |
| 403040-05 | EPA-8082 MOD | TCMX | 70 |
| 403040-05 | EPA-8082 MOD | DBC | 168* |
| 403040-07 | NWTPH-HCID | BCB | 118 |
| 403040-07 | NWTPH-HCID | C25 | 139 |
| 403040-07 (CONCENTRATE) | NWTPH-HCID | C25 | 117 |
| 403040-07 | EPA-8082 MOD | TCMX | 79 |
| 403040-07 | EPA-8082 MOD | DBC | 85 |
| 403040-10 | NWTPH-HCID | BCB | 113 |
| 403040-10 | NWTPH-HCID | C25 | 138 |
| 403040-10 | NWTPH-DX | C25 | 77 |
| 403040-10 | EPA-8260 | 1,2-DCE-d4 | 115 |
| 403040-10 | EPA-8260 | TOLUENE-d8 | 96 |
| 403040-10 | EPA-8260 | 4-BFB | 86 |
| 403040-11 | NWTPH-DX | C25 | 112 |
| 403040-12 | NWTPH-GX | TFT | 98 |
| 403040-12 | NWTPH-DX | C25 | 111 |
| 403040-12 | EPA-8260 | 1,2-DCE-d4 | 114 |
| 403040-12 | EPA-8260 | TOLUENE-d8 | 97 |
| 403040-12 | EPA-8260 | 4-BFB | 86 |
| 403040-12 | EPA-8270 SIM | TERPHENYL-d14 | 79 |

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 4/9/04
CCIL JOB #: 403040

DATE RECEIVED: 3/10/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## DATA RESULTS

**SURROGATE RECOVERY**

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|---|---|---|---|
| 403040-13 | NWTPH-HCID | BCB | 118 |
| 403040-13 | NWTPH-HCID | C25 | 120 |
| 403040-13 | NWTPH-DX | C25 | 72 |
| 403040-13 | EPA-8260 | 1,2-DCE-d4 | 115 |
| 403040-13 | EPA-8260 | TOLUENE-d8 | 95 |
| 403040-13 | EPA-8260 | 4-BFB | 85 |
| 403040-14 | NWTPH-DX | C25 | 96 |

* SURROGATE OUTSIDE OF CONTROL LIMITS OF 10-138% DUE TO MATRIX EFFECT.
** SURROGATE DILUTED OUT OF CALIBRATION RANGE

APPROVED BY: C Ref

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
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# Chain Of Custody/ Laboratory Analysis Request

CCI JOB# (Laboratory Use Only)

Date 11/9/04 Page 2 Of 2

| | |
|---|---|
| PROJECT ID: | 43101.1 |
| REPORT TO COMPANY: | ENVIRONMENTAL PARTNERS INC |
| PROJECT MANAGER: | ERIC KOITES |
| ADDRESS: | 195 NE GILMAN BLVD ST 201 |
| | ISSAQUAH WA 98027 |
| PHONE: | 425 395 0010 FAX: 425 395 0011 |
| P.O. NUMBER: | 43101.1 E-MAIL: ekoites@ep.-wa.com |
| INVOICE TO COMPANY: | SAME |
| ATTENTION: | ACCOUNTS PAYABLE |
| ADDRESS: | SAME |

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | Formaldehyde | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-40:4 | 11/9/04 | 1205 | S | 11 | | | | | | | | | | | | | | | | X | | |
| 2. B-40:10 | " | 1210 | " | 12 | | | | | | | | | | | | | | | | X | | |
| 3. B-35:7 | " | 1240 | " | 13 | | | | | | | | | | | | | | | | X | | |
| 4. B-35:10 | " | 1245 | " | 14 | | | | | | | | | | | | | | | | X | | |
| 5. B-34 | " | 0900 | W | 15 | | | | | | | | | | | | | | | | X | | |
| 6. B-35 | " | 1300 | " | 16 | | | | | | | | | | | | | | | | X | | |
| 7. B-36 | " | 0945 | " | 17 | | | | | | | | | | | | | | | | X | | |
| 8. B-37 | " | 1015 | " | 18 | | | | | | | | | | | | | | | | X | | |
| 9. B-38 | " | 1105 | " | 19 | | | | | | | | | | | | | | | | X | | |
| 10. B-39 | " | 1145 | " | 20 | | | | | | | | | | | | | | | | X | | |
| 11. B-40 | " | 1225 | " | 21 | | | | | | | | | | | | | | | | X | | |

ANALYSIS REQUESTED

OTHER (Specify)

SPECIAL INSTRUCTIONS

REPORT COPY

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] 11/9/04 1335
   Received By: [signature] CCIAL 11/9/04 1335
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify: _____

* Turnaround request less than standard may incur Rush Charges

CCI
ANALYTICAL
LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 12/21/04
CCIL JOB #: 412023
CCIL SAMPLE #: SEE BELOW
DATE RECEIVED: 12/3/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES/THOM MORIN

CLIENT PROJECT ID: STONEWAY
CLIENT SAMPLE ID: SEE BELOW

## DATA RESULTS

| CLIENT ID | ANALYTE | SAMPLE DATE | CCIAL ID | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| EPI-MW-5 | FORMALDEHYDE | 12/2/04 | -1 | EPA-8315 MOD | ND(<0.02) | MG/L | 12/3/04 | STL |
| MW-1 | FORMALDEHYDE | 12/2/04 | -2 | EPA-8315 MOD | ND(<0.02) | MG/L | 12/3/04 | STL |
| EPI-MW-1 | FORMALDEHYDE | 12/2/04 | -3 | EPA-8315 MOD | ND(<0.02) | MG/L | 12/3/04 | STL |
| MW-4 | FORMALDEHYDE | 12/2/04 | -4 | EPA-8315 MOD | ND(<0.02) | MG/L | 12/3/04 | STL |
| EPI-MW-3 | FORMALDEHYDE | 12/2/04 | -5 | EPA-8315 MOD | ND(<0.02) | MG/L | 12/3/04 | STL |
| EPI-MW-2 | FORMALDEHYDE | 12/2/04 | -6 | EPA-8315 MOD | ND(<0.02) | MG/L | 12/3/04 | STL |
| EPI-MW-4 | FORMALDEHYDE | 12/2/04 | -7 | EPA-8315 MOD | ND(<0.02) | MG/L | 12/3/04 | STL |

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Pat



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8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
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# Chain Of Custody / Laboratory Analysis Request

Lab# (Laboratory Only) 412023

Date 11/3/04 Page 1 Of 1

PROJECT ID: STODDARD
REPORT TO COMPANY: EDI
PROJECT MANAGER: ERIC HOUTE 3 / T. MORIN
ADDRESS: OLI FILE
PHONE: FAX:
P.O. NUMBER: E-MAIL:
INVOICE TO COMPANY: EDI
ATTENTION: OLI FILE
ADDRESS:

ANALYSIS REQUESTED

OTHER (Specify)

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | FULL SUITE PCBs | | | | | | | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. EDI-MW-5 | 12/2 | 830 | W | 1 | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| 2. MW-1 | | 915 | | 2 | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| 3. EDI MW-1 | | 1030 | | 3 | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| 4. MW-4 | | 1130 | | 4 | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| 5. EDI-MW-3 | | 1245 | | 5 | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| 6. EDI-MW-2 | | 1450 | | 6 | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| 7. EDI-MW-4 | V | 1335 | V | 7 | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| 8. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Thomas P. Morin
Received By: CCIAL 12/3/04 1115
2. Relinquished By:
Rec By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: ☒ 10 Standard ☐ 5 ☐ 3 ☐ 2 ☐ 1 ☐ SAME DAY

Fuels & Hydrocarbon Analysis: ☐ 5 Standard ☐ 3 ☐ 1 ☐ SAME DAY

OTHER:

Specify:

Turnaround Request: Standard Rush

CCI
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LABORATORIES, INC.

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD., SUITE 201
ISSAQUAH, WA 98027

DATE: 12/21/04
CCIL JOB #: 412047
CCIL SAMPLE #: SEE BELOW
DATE RECEIVED: 12/8/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: SEE BELOW

## DATA RESULTS

| CLIENT ID | ANALYTE | SAMPLE DATE | CCIAL ID | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| EPI-MW-1 | DISSOLVED AS | 12/7/04 | -1 | EPA-7060 | ND(<0.005) | MG/L | 12/13/04 | RAB |
| EPI-MW-2 | DISSOLVED AS | 12/7/04 | -2 | EPA-7060 | ND(<0.005) | MG/L | 12/13/04 | RAB |
| EPI-MW-3 | DISSOLVED AS | 12/7/04 | -3 | EPA-7060 | ND(<0.005) | MG/L | 12/13/04 | RAB |
| EPI-MW-4 | DISSOLVED AS | 12/7/04 | -4 | EPA-7060 | ND(<0.005) | MG/L | 12/13/04 | RAB |
| EPI-MW-5 | DISSOLVED AS | 12/7/04 | -5 | EPA-7060 | ND(<0.005) | MG/L | 12/13/04 | RAB |
| MW-1 | DISSOLVED AS | 12/7/04 | -6 | EPA-7060 | ND(<0.005) | MG/L | 12/13/04 | RAB |
| MW-4 | DISSOLVED AS | 12/7/04 | -7 | EPA-7060 | ND(<0.005) | MG/L | 12/13/04 | RAB |

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: C Rd



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Everett, WA 98208
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(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Custody/ Laboratory Analysis Request

CCI Project# (Laboratory Use Only)

Date 12/8/04 Page 1 Of 1

PROJECT ID: 43101.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS, INC.
PROJECT MANAGER: ERIC KOCH
ADDRESS: 795 NE GILMAN BLVD S 201
ISSAQUAH WA 98027
PHONE: 425 395 0010 FAX: 425 395 0011
P.O. NUMBER: 43101.1 E-MAIL: ekoch@epi-wa.com
INVOICE TO COMPANY: SAME
ATTENTION: ACCOUNTS PAYABLE
ADDRESS: SAME

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# |
|---|---|---|---|---|
| 1. EPI-MW-1 | 12/7/04 | ~~1320~~ 1325 PM | WG | 1 |
| 2. EPI-MW-2 | | 1320 | | 2 |
| 3. EPI-MW-3 | | 1250 | | 3 |
| 4. EPI-MW-4 | | 1350 | | 4 |
| 5. EPI-MW-5 | | 1410 | | 5 |
| 6. MW-1 | | ~~1350~~ 1355 PM | | 6 |
| 7. MW-4 | V | 1435 | V | 7 |
| 8. | | | | |
| 9. | | | | |
| 10. | | | | |

ANALYSIS REQUESTED

| NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | |

OTHER (Specify)

| Dissolved Pb | | | | | | | | | | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Y | | | | | | | | | | | |
| Y | | | | | | | | | | | |
| Y | | | | | | | | | | | |
| Y | | | | | | | | | | | |
| Y | | | | | | | | | | | |
| Y | | | | | | | | | | | |
| Y | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

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SPECIAL INSTRUCTIONS

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SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] CCI 12/8/04 1355
   Received By: [signature] 12/8/04 1355
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: [10] Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: [5] Standard | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

CCI
ANALYTICAL
LABORATORIES, INC

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 3/3/2006
CCIL JOB #: 0602111
CCIL SAMPLE #: -01
DATE RECEIVED: 2/24/2006
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: 2/24/200 9:00 B-33

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | ND(<50) | UG/L | 2/28/2006 | GAP |
| Dichlorodifluoromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Chloromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Vinyl Chloride | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromomethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Chloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Trichlorofluoromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Acetone | EPA-8260 | ND(<25) | UG/L | 3/1/2006 | CCN |
| 1,1-Dichloroethene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Methylene Chloride | EPA-8260 | ND(<5) | UG/L | 3/1/2006 | CCN |
| Acrylonitrile | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| Methyl T-Butyl Ether | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Trans-1,2-Dichloroethene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1-Dichloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 2-Butanone | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| Cis-1,2-Dichloroethene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 2,2-Dichloropropane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromochloromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Chloroform | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1,1-Trichloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1-Dichloropropene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Carbon Tetrachloride | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dichloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Benzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Trichloroethene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dichloropropane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Dibromomethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromodichloromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Trans-1,3-Dichloropropene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 4-Methyl-2-Pentanone | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| Toluene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Cis-1,3-Dichloropropene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |



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Everett, WA 98208
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# Chain Of Custody/ Laboratory Analysis Request

403040

CCI Job# (Laboratory Use Only) 403040

Date _____ Page 2 Of 2

PROJECT ID: 43101.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS INC.
PROJECT MANAGER: ERIC VOLTZ
ADDRESS: 495 NE GILMAN BLVD ST 701
ISSAQUAH WA 98027-
PHONE: 425 395 0010 FAX: 425 395 0011
P.O. NUMBER: 43101.1 E-MAIL: eric@epi-wa.com
INVOICE TO COMPANY: SAME
ATTENTION: TOM ELSENORE
ADDRESS: SAME

ANALYSIS REQUESTED

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | OTHER (Specify) | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-17:2 | 3/10/04 | 1055 | S | 11 | | ● | | | ~~Archive~~ | | | | | | | | | | | | 1 | |
| 2. B-9:2 | 3/10/04 | 1210 | S | 12 | | X | X | | | | X | | | | X | | | | | | 1 | |
| 3. B-18:0.5 | | 1355 | S | 13 | X | ● | | | | | X | | | | | | | | | | | |
| 4. B-18:2 | | 1400 | S | 14 | | ● | | | ~~Archive~~ | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | | | | | | |
| 9. | ~~B-7:2~~ | ~~Hold~~ | ~~B-7:1~~ | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | | | | |

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SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] EPI 3/10/04 1440
   Received By: [signature] CCI 3/10/04 1440
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify: _____

*Turnaround request less than standard may incur Rush Charges

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Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
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# Chain Of Custody/ Laboratory Analysis Request

403040

CCI job# (Laboratory use Only) ~~304040~~

Date 9 Page 1 Of 2

PROJECT ID: 4310.1
REPORT TO COMPANY: ENVIRONMENTAL PARTNERS INC.
PROJECT MANAGER: ERIC KOLTES
ADDRESS: 295 NE GILMAN BLVD ST 201
ISSAQUAH WA 98027
PHONE: 425 395 0010 FAX: 425 395 0011
P.O. NUMBER: 4310.1 E-MAIL: erickeepi-wa.com
INVOICE TO COMPANY: SAME
ATTENTION: TOM ELSEMORE
ADDRESS: SAME

ANALYSIS REQUESTED

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | FORMALDEHYDE | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-22 | 3/9/04 | 1400 | W | 1 | | | | ~~ARCHIVE~~ | | | | | | | | | X | | | | 4 | |
| 2. B-6;2 | 3/10/04 | 0740 | S | 2 | | | | | | | | | | | | X | | | | X | 1 | |
| 3. B-6;10 | | 0745 | S | 3 | | | | ~~ARCHIVE~~ | | | | | | | | | | | | | 1 | |
| 4. B-6 | | 0800 | W | 4 | | | | | | | | | | | | X | | | | X | 4 | |
| 5. B-7'2 | | 0840 | S | 5 | X | | | | | | | | | | | X | | | | X | 1 | |
| 6. B-7;10 | | 0855 | S | 6 | | | | ~~ARCHIVE~~ | | | | | | | | | | | | | 1 | |
| 7. B-7 | | 0900 | W | 7 | X | | | | | | | | | | | X | | | | X | 5 | |
| 8. B-26 | | 0940 | W | 8 | | | | ~~ARCHIVE~~ | | | | | | | | | X | | | | 1 | |
| 9. B-25 | | 1010 | W | 9 | | | | ~~ARCHIVE~~ | | | | | | | | | X | | | | 1 | |
| 10. B-17;0.5 | | 1050 | S | 10 | X | | | | | | X | | | | | | | | | | 1 | |

OTHER (Specify)

REPORT COPY

SPECIAL INSTRUCTIONS B-7 2 labeled B-7;1 ⊗ added 3/9 per Eric - RB / ● Added per Eric 3/16/04

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] 3/9/04 1410
   Received By: [signature] CCI 3/9/04 1414
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: [10] Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: [5] Standard | 3 | 1 | SAME DAY

OTHER: Specify: _____

[ ] Normal [ ] 3 days [ ] 2 days [ ] 1 day [ ] Rush

CCI
ANALYTICAL
LABORATORIES, INC

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 3/3/2006
CCIL JOB #: 0602111
CCIL SAMPLE #: -01
DATE RECEIVED: 2/24/2006
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: 2/24/200 9:00 B-33

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 2-Hexanone | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| 1,3-Dichloropropane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Tetrachloroethylene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Dibromochloromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dibromoethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Chlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Ethylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| M+P Xylene | EPA-8260 | ND(<4) | UG/L | 3/1/2006 | CCN |
| Styrene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| O-Xylene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromoform | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Isopropylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2,3-Trichloropropane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| N-Propyl Benzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 2-Chlorotoluene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,3,5-Trimethylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 4-Chlorotoluene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| T-Butyl Benzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2,4-Trimethylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| S-Butyl Benzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| P-Isopropyltoluene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,3 Dichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,4-Dichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| N-Butylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| 1,2,4-Trichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Hexachlorobutadiene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Naphthalene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |



8620 Holly Drive Suite 100 Everett, WA 98208 425 356-2600 FAX 425 356-2626 Seattle 206 292-9059

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LABORATORIES, INC

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 3/3/2006
CCIL JOB #: 0602111
CCIL SAMPLE #: -01
DATE RECEIVED: 2/24/2006
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: 2/24/200 9:00 B-33

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| TPH-Diesel Range | NWTPH-DX | ND(<130) | UG/L | 2/27/2006 | DLC |
| TPH-Oil Range | NWTPH-DX | ND(<250) | UG/L | 2/27/2006 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

C Rd



8620 Holly Drive Suite 100 Everett, WA 98208 425 356-2600 FAX 425 356-2626 Seattle 206 292-9059

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LABORATORIES, INC

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 3/3/2006
CCIL JOB #: 0602111
CCIL SAMPLE #: -02
DATE RECEIVED: 2/24/2006
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: 2/24/200 10:00 B-34

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | ND(<50) | UG/L | 2/28/2006 | GAP |
| Dichlorodifluoromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Chloromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Vinyl Chloride | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromomethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Chloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Trichlorofluoromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Acetone | EPA-8260 | ND(<25) | UG/L | 3/1/2006 | CCN |
| 1,1-Dichloroethene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Methylene Chloride | EPA-8260 | ND(<5) | UG/L | 3/1/2006 | CCN |
| Acrylonitrile | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| Methyl T-Butyl Ether | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Trans-1,2-Dichloroethene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1-Dichloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 2-Butanone | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| Cis-1,2-Dichloroethene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 2,2-Dichloropropane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromochloromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Chloroform | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1,1-Trichloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1-Dichloropropene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Carbon Tetrachloride | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dichloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Benzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Trichloroethene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dichloropropane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Dibromomethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromodichloromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Trans-1,3-Dichloropropene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 4-Methyl-2-Pentanone | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| Toluene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Cis-1,3-Dichloropropene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |



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LABORATORIES, INC

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 3/3/2006
CCIL JOB #: 0602111
CCIL SAMPLE #: -02
DATE RECEIVED: 2/24/2006
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: 2/24/200 10:00 B-34

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 2-Hexanone | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| 1,3-Dichloropropane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Tetrachloroethylene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Dibromochloromethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dibromoethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Chlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Ethylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| M+P Xylene | EPA-8260 | ND(<4) | UG/L | 3/1/2006 | CCN |
| Styrene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| O-Xylene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromoform | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Isopropylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2,3-Trichloropropane | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Bromobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| N-Propyl Benzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 2-Chlorotoluene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,3,5-Trimethylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 4-Chlorotoluene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| T-Butyl Benzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2,4-Trimethylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| S-Butyl Benzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| P-Isopropyltoluene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,3 Dichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,4-Dichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| N-Butylbenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | ND(<10) | UG/L | 3/1/2006 | CCN |
| 1,2,4-Trichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Hexachlorobutadiene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| Naphthalene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |



8620 Holly Drive Suite 100 Everett, WA 98208 425 356-2600 FAX 425 356-2626 Seattle 206 292-9059

CCI
ANALYTICAL
LABORATORIES, INC

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 3/3/2006
CCIL JOB #: 0602111
CCIL SAMPLE #: -02
DATE RECEIVED: 2/24/2006
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1
CLIENT SAMPLE ID: 2/24/200 10:00 B-34

## DATA RESULTS

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | EPA-8260 | ND(<2) | UG/L | 3/1/2006 | CCN |
| TPH-Diesel Range | NWTPH-DX | ND(<130) | UG/L | 2/27/2006 | DLC |
| TPH-Oil Range | NWTPH-DX | ND(<250) | UG/L | 2/27/2006 | DLC |

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

C Ruff



8620 Holly Drive Suite 100 Everett, WA 98208 425 356-2600 FAX 425 356-2626 Seattle 206 292-9059

CCI
ANALYTICAL
LABORATORIES, INC

## CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 3/3/2006
CCIL JOB #: 0602111

DATE RECEIVED: 2/24/2006
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ERIC KOLTES

CLIENT PROJECT ID: 43101.1

## QUALITY CONTROL RESULTS

### SURROGATE RECOVERY

| CCIL SAMPLE ID | METHOD | SUR ID | % RECV |
|---|---|---|---|
| 0602111-01 | NWTPH-GX | TFT | 101 |
| 0602111-01 | EPA-8260 | 1,2-Dichloroethane-d4 (SS) | 105 |
| 0602111-01 | EPA-8260 | Toluene-d8 (SS) | 97 |
| 0602111-01 | EPA-8260 | 4-Bromofluorobenzene (SS) | 83 |
| 0602111-01 | NWTPH-DX | C25 | 103 |
| 0602111-02 | NWTPH-GX | TFT | 94 |
| 0602111-02 | EPA-8260 | 1,2-Dichloroethane-d4 (SS) | 112 |
| 0602111-02 | EPA-8260 | Toluene-d8 (SS) | 96 |
| 0602111-02 | EPA-8260 | 4-Bromofluorobenzene (SS) | 82 |
| 0602111-02 | NWTPH-DX | C25 | 105 |

APPROVED BY:

C Rd

CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

# Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only)

Date 2/24/06 Page 1 Of 1

PROJECT ID: 43101.1
REPORT TO COMPANY: Environmental Partners, Inc.
PROJECT MANAGER: Thom Moon / Eric Koltes
ADDRESS: 295 NE Gilman Blvd, Ste. 201
Issaquah, WA 98027
PHONE: 425-395-0010 FAX: 425-395-0011
P.O. NUMBER: E-MAIL:
INVOICE TO COMPANY: Environmental Partners, Inc.
ATTENTION: ~~Thom Moon~~ Accounts Payable
ADDRESS: 295 NE Gilman Blvd, Ste. 201
Issaquah WA 98027

| SAMPLE I.D. | DATE | TIME | TYPE | LAB# | NWTPH-HCID | NWTPH-DX | NWTPH-GX | BTEX by EPA-8021 | MTBE by EPA-8021 ☐ EPA-8260 ☐ | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐ | 1,2 Dichloroethene (EDC) by EPA-8260 | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐ | PCB ☐ Pesticides ☐ by EPA 8081/8082 | Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ | Metals Other (Specify) | TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ | OTHER (Specify) | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B-33 | 2/24/06 | 0900 | GW | | | X | X | | | | X | | | | | | | | | | 6 | |
| 2. B-34 | 2/24/06 | 1000 | GW | | | X | X | | | | X | | | | | | | | | | 5 | |
| 3. | | | | | | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | | | | |

REPORT COPY

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: FPI 2/24/06 1400
Received By: CCIAL 2/24/06 2:30
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: ~~10~~ Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: ~~5~~ Standard | 3 | 1 | SAME DAY

OTHER: Specify:

* Turnaround request less than standard may incur Rush Charges