

**Report  
Expanded Phase I  
Environmental Site Assessment  
Proposed Home Depot Property  
Wenatchee, Washington**

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Prepared for

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## 1.0 INTRODUCTION

At the request of Home Depot U.S.A., Inc. (Home Depot), Landau Associates conducted an expanded Phase I environmental site assessment (ESA) of a proposed Home Depot property (subject property) located southwest of the intersection of Maiden Lane and Wenatchee Avenue North in Wenatchee, Washington (Figure 1). The subject property is in Sections 28 and 33, T23 N, R20E, East Willamette Meridian, Chelan County, State of Washington.

The purpose of the ESA was to assess the potential for hazardous substances or wastes to exist at the subject property to the extent that they represent a significant liability to a prospective purchaser. The scope of services performed, as established in our proposal dated April 3, 2002 and in subsequent Work Order No. 02-03 dated April 16, 2002, consisted of a review of property history and agency information, an interview with the current owner, observations of current land use activities and environmental conditions, and supplemental investigations, as described below.

This Phase I ESA was conducted in general accordance with the guidelines of the American Society for Testing & Materials (ASTM) as identified in their *Standard Practice for Environmental Site Assessment Process*, E 1527, as annotated to meet Home Depot's specific objectives. Compliance with this standard is recognized as generally meeting the due diligence requirements of the federal statute [Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) 42 U.S.C. 9601(35) (B)] and the Washington State Model Toxics Control Act (MTCA) (RCW 70.105D.040) at the time this report was prepared. As requested by Home Depot, a completed Environmental Compliance Certificate is provided as Appendix A.

Based on the current and historic operation of the subject property as an orchard, Home Depot requested supplemental investigations at the property. As described in Section 8.0, the additional investigations consisted of an investigation of the chemical quality of shallow soil beneath the subject property. The results of the supplemental investigation are described in Section 8.0.



## 2.0 SITE DESCRIPTION AND SETTING

Based on the site survey performed by Taylor Engineers, the subject property is approximately 12.96 acres in size. Rogers Street crosses the property from north to south. The portion of the subject property east of Rogers Street is operated as an orchard and includes a residence and adjacent mobile home near the southern property boundary and the Rogers residence with a swimming pool in the central portion. The portion of the subject property west of Rogers Street consists of residential property in the south and orchard property in the north. Except for Rogers Street, the site buildings, and driveways adjacent to the residences, the subject property is unpaved, and covered primarily by grass and fruit trees. The features of the subject property are included on Figure 2.

The subject property is bordered on the west by residential property, on the north by Maiden Lane then commercial property, on the east by a drainage ditch then commercial property and Wenatchee Avenue North, and on the south by Walnut Street then residential property. The surrounding area consists of residential property to the west and south, and a mix of commercial, retail, and light industrial property to the west and north.

The subject property is relatively level on the west and adjacent to Rogers Street, but the eastern portion of the property is terraced and slopes to the east. According to a U.S. Geological Survey (USGS) map and a topographic map of the property provided by Home Depot, the elevation of the subject property from east to west ranges from about 675 to 710 ft above mean sea level. In the general vicinity of the subject property, the land slopes gently toward the Columbia River, approximately ½ mile to the east.

### 3.0 SITE GEOLOGY/HYDROGEOLOGY

The City of Wenatchee and the subject property are located within the southern portion of a broad northwest-trending, pull-apart graben valley, referred to as the Chiwaukum graben (Gresens 1983). The Chiwaukum graben is bounded along the western edge by the Leavenworth Fault and along the east by the Entiat Fault. The Columbia River runs predominantly north to south through the area. The Leavenworth fault zone is apparent in surface exposures at many locations in the area; however, glacial flood deposits and alluvial sediments from the Columbia River have covered surface exposures of the Entiat Fault near the City of Wenatchee.

A geologic map of the Wenatchee area indicates that the subject property is underlain by terrace gravel deposits (USGS 1982). Based on the drilling conducted for this assessment, the subject property is underlain by very loose to medium dense sand with varying amounts of silt to a depth of 17 to 23 ft. The sand material is underlain by sandy gravel with cobbles to at least the maximum exploration depth of 25 ft. Groundwater was not encountered at any of the boring locations.

The subject site is located approximately ½ mile west of the Columbia River, which is a regional point of groundwater discharge. The elevation of the river near the subject property is approximately 600 ft mean sea level (USGS 1978). Based on local topography and the river elevation, the depth to groundwater at the subject property is anticipated to be greater than 50 ft, with groundwater flow to the east toward the Columbia River.

## **4.0 HISTORICAL INFORMATION**

A variety of resources were reviewed to develop the history of the subject property and adjacent properties in order to assess the potential for environmental impact to the subject property. These resources included the following:

- Aerial photographs (Chelan County Soil Conservation Service and Farm Service Agency, 1965, 1983, 1990; USGS, 1998)
- Topographic maps (USGS, 1966, photo revised 1978, 1987)
- City directories (Wenatchee Public Library, Polk Directories, 1956, 1960, 1965, 1969/70)
- Fire insurance maps (no map coverage is available for the subject property).

### **4.1 AERIAL PHOTOGRAPHS**

Historical aerial photographs were reviewed to help identify prior use of the subject and adjacent properties for the purpose of identifying prior uses that could potentially result in environmental impact to the subject property. Aerial photographs for the years 1965, 1983, and 1990 were reviewed at the Chelan County Soil Conservation Service and Farm Service Agency offices in Wenatchee, Washington. The 1998 USGS photograph was reviewed from Landau Associates' project file. Information from the aerial photograph review is summarized in Table 1, and discussed below.

In summary, the photographs show that the property has been used as an orchard since the 1960s, and that the site has had its current configuration since at least that time. The current structures were present on the subject property by the 1980s.

Overall, the aerial photograph review did not provide any obvious indication of environmental impacts to the subject property or adjacent properties or of uses that would be expected to result in an environmental impact. The photographs support information from the owner of the subject property that the property has historically been operated as an orchard.

### **4.2 USGS TOPOGRAPHIC MAPS**

Landau Associates reviewed the USGS 7.5-minute Wenatchee, Washington Quadrangle topographic map for the year 1966 (photo revised 1978 and 1987). The 1966 map shows Rogers Street crossing the property from north to south, two small structures near the central portion of the subject property, and one small structure near southern boundary of the property along Walnut Street. The map also shows the portion of the subject property east of Rogers Street and the northwest portion of the property west of Rogers Street as orchard land. The surrounding adjacent properties include orchard land



to the north across Maiden Lane, small structures that appear to be residences on the property to the west and south, and structures anticipated to be for commercial or retail use to the east.

The 1978 and 1987 maps show no significant changes to the subject or adjacent properties from the conditions shown on the 1966 map. The 1987 map shows that several of the smaller structures on the property to the east have been replaced by a larger structure, and that there has been additional development along Wenatchee Avenue North.

No conditions of potential environmental concern were apparent for the subject property from the topographic map review except the historic orchard operations.

### **4.3 CITY DIRECTORIES**

Landau Associates reviewed Polk's City directories for the City of Wenatchee for the years identified in Section 4.0. The 1956 directory did not include listings for Rogers Street, Maiden Lane, or Walnut Street. The directories for 1960, 1965, and 1969/70 included residential listings for Rogers Street including 1814, 1818, and 1823, which are residences located on the subject property. The names of the current property owners/ residents (L. Cockrum and R. Rogers) are listed as occupants of the addresses at 1818 and 1823 Rogers Street in the 1960, 1965, and 1969/70 directories. The review provides information that the subject property has been in its current configuration since the 1960s. No potential sources of environmental impact were identified based on the review of the Polk directories.

### **4.4 SANBORN FIRE INSURANCE MAPS**

Landau Associates requested a search for Sanborn Fire Insurance Maps of the subject property through Environmental Data Resources, Inc. (EDR). The EDR Sanborn Map Report stated that there is no map coverage for the subject property (Appendix B).

### **4.5 INTERVIEWS (HISTORICAL INFORMATION)**

Mr. Bob Rogers, the current owner of the subject property, was interviewed by Tim Syverson of Landau Associates on April 4, 2002 regarding the history of the subject property. Mr. Rogers provided the following information (Rogers, R., 4 April 2002, personal communication):

- The subject property has been owned by his family since the 1950s.
- Mr. Rogers' grandfather homesteaded on the land in about 1950-1951.
- Mr. Rogers' father bought the property in the mid-1960s.
- Mr. Rogers acquired the property from his father in 1984.

- No environmental investigations have been conducted to date at the property.



## 5.0 AGENCY AND CITY RECORDS REVIEW

### 5.1 ENVIRONMENTAL DATA RESOURCES, INC.

Environmental Data Resources, Inc. (EDR) was subcontracted to conduct a search (as prescribed by ASTM) of U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology) environmental databases that contain information regarding environmental conditions at and near the subject property. The search focused on information in the various lists maintained by the agencies of sites with known and potential environmental conditions that may represent a threat to human health and the environment. EDR conducted its search of listed information (which is keyed to a geographic mapping system) using the location of the subject property, and identified sites listed in the databases that are located within a 1¼-mile radius of the subject property boundaries. EDR then compiled the information into a summary report that identifies sites of potential environmental concern within the prescribed radii.

As is common to database searches keyed into a geographic mapping system, EDR reported that a number of sites were not mappable due to incomplete address or other identifying information. Based upon Landau Associates' review of the EDR report, 23 of the 27 unmapped sites are located outside their respective search radii from the subject property. Therefore, these 23 unmapped sites are not expected to represent a significant environmental concern for the subject property. Two of the remaining four sites are located southeast of the subject property and hydraulically downgradient. Due to their locations and area groundwater flow patterns, these sites do not represent an environmental concern for the subject property. The remaining two sites could not be located with the available information; however, they both are identified as the Community Technology Center, but with different addresses. These two properties are likely the same site. Based on their listing on the WA ICR (Ecology Independent Cleanup Reports) database, some cleanup action has been initiated, so the potential for impact to the subject property from these sites is considered to be low. Based on our property reconnaissance (Section 6), the sites are not adjacent to the subject property.

Table 2 provides a summary of the regulatory database search results. All but one of the sites identified in the database search are located either crossgradient or downgradient of the subject property and are therefore assumed to not have the potential to impact the subject property. None of the crossgradient or downgradient sites identified is immediately adjacent to the subject property. Several of the downgradient sites identified in the database search are located along Wenatchee Avenue North, and just to the east of the subject property. However, all of these properties are located topographically lower than the subject property, and are not considered to be of concern to the subject property.

Only one site was identified in the databases that is upgradient of the subject property based on available information. The Wenatchee Middle School Property is approximately 400 ft west-southwest of the subject property. The EDR database report indicates that metals and pesticides have been confirmed in site soil at concentrations greater than MTCA cleanup levels, and the status is listed as "Awaiting Remedial Action." Because the impacts are limited to soil, the potential for the Wenatchee Middle School site to impact the subject property is considered to be low.

## **5.2 CITY OF WENATCHEE AND CHELAN COUNTY FIRE DEPARTMENTS**

The City of Wenatchee and Chelan County fire departments were contacted by telephone regarding fire and potential hazardous materials incidents related to the subject property. The fire chief of the Wenatchee Fire Department responded that in the 28 years that he has been with their department, he does not recall any incidents on Rogers Street (Tibbs, G., 30 April 2002, personal communication). He stated that to his knowledge the property has always been an orchard. He also stated the area including the subject property was annexed by the City of Wenatchee in the 1980s, and that the Chelan County Fire Department should be contacted for records prior to annexation. The Chelan County fire chief responded that in the 30 years that he has been with their department, he does not recall any incidents on Rogers Street (Mathews, D., 30 April 2002, personal communication).



## **6.0 PROPERTY RECONNAISSANCE**

On April 4, 2002, Mr. Tim Syverson of Landau Associates conducted a reconnaissance of the subject property and adjacent properties to visually assess current land use activities and environmental conditions. During the site reconnaissance, Mr. Syverson was accompanied by Mr. Bob Rogers, the current owner of the subject property. The reconnaissance was documented with notes and photographs, which are retained in the project file.

### **6.1 THE PROPOSED HOME DEPOT PROPERTY**

This section presents information on environmental conditions observed at the subject property during the property reconnaissance. The focus of the reconnaissance was to identify conditions that have the potential to cause adverse environmental conditions at the property that could pose a risk of environmental liability to a potential purchaser or current owner of the property. Table 3 presents the results of the site reconnaissance checklist. Conditions inside the four residential structures and the one mobile home located on the property were not observed during the site reconnaissance.

The subject property contains two general areas separated by Rogers Street, which extends north-south across the property. The portion of the subject property east of Rogers Street, which is primarily orchard land, includes the Rogers residence near the central portion and a residence and mobile home near the southern boundary. The portion of the subject property west of Rogers Street includes two residences, orchard land, and the fuel and chemical storage areas for the orchard operations (Figure 2). A fence separates the subject property from the residences to the west, but the south, east and north boundaries of the property are unfenced. The Gunn Ditch runs along the eastern boundary of the subject property.

Terraced orchard land dominates the eastern portion of the property, and extends from Maiden Lane on the north to Walnut Street on the south, and from Rogers Street on the west to the eastern property boundary. The site surface, except in the driveways and walkways around the buildings, is primarily covered in grass. The area around the Rogers residence includes a driveway on the south; a swimming pool and a flat, grass-covered area to the east of the pool; a flat, grass-covered area to the northeast of the residence; and an asphalt parking area to the north of the residence. To the east of the pool and flat grass area, the property slopes down. Near the base of the slope to the south is an outhouse used by orchard workers. To the north is a sinkhole that Mr. Rogers stated was the result of a leak in the irrigation lines. Mr. Rogers stated that the flat, grass-covered area east of the pool is the location of a former concrete fish pond that has been filled in. According to Mr. Rogers, prior to backfilling the pond was used to burn trees and refuse, including pesticide containers.

During the site reconnaissance, the grass-covered area to the northeast of the residence was being used for loading of pesticide spray for application to the orchard. No evidence of stressed vegetation was apparent in the area where the spray was being loaded.

Mr. Rogers identified an area at the south end of the driveway at his residence that was formerly used for loading/mixing of pesticide spray for the orchard. Mr. Rogers also identified the location of the heating oil underground storage tank (UST) for his residence. The UST is located on the north edge of the driveway, and just west of the garage. Mr. Rogers stated that the tank was empty and no longer in use.

The septic tanks for the Rogers residence are located near the southwest corner of the building, and the drain field is to the east and on the north side of the pool.

The mobile home and residence in the south portion of the property have a septic tank and drain field located on the south side of the mobile home. The tank and drain field serve both buildings. An old septic tank and drain field, which is no longer in use, is also located at the east end of the residence. The residence and mobile home have electric heat and do not have heating oil USTs.

The area to the north of the Rogers residence is generally level orchard ground, and includes the remnants of a former driveway that circles east from the residence then back west to join Rogers Street. The presence of the orchard, the pesticide loading areas, septic tanks, and heating oil UST were the only areas of potential environmental concern apparent on the eastern portion of the property.

The western portion of the subject property east of Rogers Street includes orchard land, the fuel and pesticide storage shed, two residences, and an open grass-covered area. The fuel and pesticide storage shed is located on the western boundary of the subject property. A gravel road leads from Rogers Street to the shed. A gasoline aboveground storage tank (AST) is stored inside the southern end of the shed. According to Mr. Rogers, the tank has not been used for a few years and is nearly empty. Fueling was done on the gravel and grass surface on the east side of the shed near the tank. At the time of the site reconnaissance, no staining was visible on the ground in the former fueling area. Pesticides for the orchard are stored in the north portion of the shed. A water faucet is located on the north end of the shed; this is another primary loading/mixing area for the pesticide spray used in the orchard. At the time of the site reconnaissance, the gravel and grass surface in this area was wet from the day's pesticide loading and mixing activities.

Two residences are located adjacent to the west side of Rogers Street. Both have a paved driveway, a detached garage, and grass lawn. The Cockrum residence has a heating oil UST located on the west end of the north side of the residence. According to Mr. Rogers, the tank is still in use and likely contains product. The septic tank and drain field for the residence are located in the backyard just west of the northwest corner of the building.



The residence at 1814 Rogers Street has a heating oil UST located on the south side of the residence just east of the steps to the side door. According to Mr. Rogers, the tank is still in use and likely contains product. The septic tank and drain field for the residence are located in the backyard just west of the northwest corner of the building.

The area to the west-southwest of the residences and along the western property boundary is open grass lawn. The presence of the orchard, former fish pond, the fuel and pesticide storage and loading areas, septic tanks, and heating oil USTs were the only areas of potential environmental concern apparent on the eastern portion of the property.

Any surface runoff at the subject property infiltrates in gravel or grass-covered areas. No pole-mounted or pad-mounted transformers were observed on the property.

The identification of potential asbestos-containing material (ACM) and lead-based paint was beyond the scope of this Phase I ESA. However, based upon the age of the site buildings, building materials present at the site, including floor tile and insulation, may contain ACM. Lead-based paint may also be present. According to Mr. Rogers, their residence has no floor tile, but does have insulation that has the potential to be ACM. He had no knowledge of the presence of ACM or lead-based paint in the other site structures.

## **6.2 ADJACENT PROPERTIES**

As part of the property reconnaissance, Landau Associates also examined the following adjacent properties from public rights-of-way or the subject property to assess current land use activities and environmental conditions:

- North adjacent properties: Maiden Lane, then Wal-Mart, which is located on former orchard property
- East adjacent property: Commercial property (including restaurant, recreational vehicle dealer, swimming pool sales) then Wenatchee Avenue North
- South adjacent properties: Walnut Lane than residential property
- West adjacent properties: Residential property.

Table 4 presents the results of the checklist for the adjacent properties based on observations made at the time of the subject property visit. Conditions observed on the adjacent properties are not expected to represent a significant environmental concern for the subject property.



## 7.0 INTERVIEWS

Landau Associates interviewed Mr. Bob Rogers, current owner of the subject property, during the site reconnaissance on April 4, 2002. The following information was obtained from this interview (Rogers, R., 4 April 2002, personal communication):

- Mr. Rogers was not aware of any environmental violations or liens associated with the subject property.
- Mr. Rogers was not aware of any environmental regulation violations or chemical releases on the subject property.
- Storage, handling, and application of pesticides related to orchard operations is the only use of potentially hazardous material (other than the petroleum products used for heating and tractor fuel) associated with the property.
- Two current areas (east of the Rogers residence and near the northeast corner of the storage shed) and one historical area (south end of Rogers residence driveway) have been used for mixing/loading of pesticide spray for the orchard.
- Pesticides are stored in the storage shed located along the western property boundary.
- Mr. Rogers did not know the specific pesticides historically used on the orchard, but provided a list of possible products used on orchards in the Wenatchee area. The product list was provided by his chemical supplier and a copy is included as Table 5.
- Three heating oil USTs are located at the property including one at the Rogers residence, and one each at the two residences on the portion of the subject property west of Rogers Street.
- One gasoline AST is located inside the south end of the storage shed on the western property boundary.
- The fish pond east of the swimming pool was about 4 to 6 ft deep. The pond has been filled in and covered with grass, but the concrete lining of the pond remains in place. Prior to backfilling, trees and refuse, including pesticide containers, were burned in the former fish pond.
- The irrigation system for the orchard is fed by the main water line located along the west property boundary. The lines are buried at about 3 ft below grade throughout the property and are made of wood with metal binders or steel pipe. One sink hole related to an ongoing leak is located east of the swimming pool in the central portion of the property.
- No monitoring wells are located on the subject property.
- Five septic tank/drain field areas are located on the subject property including one at each of the residences in the central portion of the subject property, and one active and one inactive area near the southern property boundary east of Rogers Street.

- Mr. Rogers was not aware of any known ACM or lead-based paint in the onsite buildings. His residence has mostly wood floors, but he stated that the insulation in his residence may be ACM.
- Mr. Rogers did not know of any previous property use other than orchard operations that would have resulted in environmental impairment of the property.

## 8.0 SOIL INVESTIGATION

As a follow-up to the Phase I ESA activities, and as requested by Home Depot, Landau Associates conducted a focused shallow soil investigation to assess potential environmental impacts related to historical or current operations at the site. Property use of potential concern includes commercial orchard operations, burning refuse in the former fish pond, and private residences with heating oil USTs.

The soil investigation was conducted from April 9 through April 16, 2002 and consisted of exploring subsurface conditions with 51 borings to support environmental and geotechnical evaluations. The results of the geotechnical investigation are provided in a separate report. The soil borings were drilled using a low-clearance, rubber tired, hollow-stem auger drilling rig operated by Crisman Drilling of Portland, Oregon. The soil borings ranged in depth from 10 to 25 ft below ground surface (BGS).

Field explorations were coordinated and monitored by a Landau Associates geologist who maintained detailed records of the subsurface soil conditions, obtained representative samples for field and laboratory analysis, described the soil based on visual and textural examination, and conducted field screening for environmental impacts. Field screening was performed using visual methods (e.g., soil discoloration, sheen on soil), sheen testing in small containers, olfactory screening techniques, and a photoionization detector (PID) portable meter with a 10.6 eV lamp (capable of detecting most common aromatic and aliphatic hydrocarbon compounds). All soil samples collected from the borings, whether designated for geotechnical or environmental analysis, were field screened for signs of contamination.

Relatively undisturbed samples of the soil encountered during drilling were obtained at frequent intervals (Table 6). Soil samples were collected using both a 1.5-inch inside-diameter (ID) and a 2.42-inch ID split-spoon sampler driven into undisturbed soil. Soil samples collected above the first sampling interval of 2 ft BGS were collected using hand grab sampling techniques including a hand auger, shovel, and/or stainless steel spoon.

The borings where soil samples were collected for chemical analysis as part of the ESA were a subset of the borings identified for the geotechnical investigation (30 of the 51 locations) selected based on current and historic operations at the subject property. The locations of the 51 total soil borings drilled at the subject property are shown on Figure 3, with the 22 boring locations highlighted where samples were collected for chemical analysis as part of the ESA. The specific ESA boring locations include:

- Three borings (B-1 through B-3) placed near residential heating oil USTs
- One boring (B-4) in the fueling area near the AST, and southeast of the equipment shed
- Three borings (B-5, B-6, and B-7) located near current or historical mixing, loading, and/or wash areas for pesticides used for the orchard



- Fifteen borings areally distributed throughout the site.

Drilling and sampling were not conducted in the former fish pond at the request of Mr. Rogers. The lawn area was saturated due to watering and the drilling work would have damaged the grass. Mr. Rogers asked that the work in the fish pond area be done during drier conditions.

Due to the current and historic use of the subject property, the primary analytes of concern are agricultural chemicals, including those containing organic pesticides and metals (arsenic and lead), associated with orchard operations. In addition, petroleum hydrocarbons are of concern in the UST (heating oil-range) and fueling (gasoline-range) areas. Soil samples collected at the subject property were submitted to Analytical Resources, Inc. (ARI) of Seattle, Washington for analysis. As discussed below, selected samples were submitted for analysis of lead and arsenic by EPA method 6010/7000 series (GFAA for arsenic, ICP for lead); chlorinated herbicides by EPA method 8151; organochlorine (OC) pesticides by EPA method 8081; organophosphorous pesticides by EPA method 8141; and gasoline-range, and/or oil-range petroleum hydrocarbons by Ecology methods NWTPH-Gx and NWTPH-Dx.

Based on Landau Associates' work with other orchard properties, and guidance under development by the Ecology Area-Wide Contamination Project, soil samples for metals and pesticide analysis were collected from 0.2 to 0.5 and 1 to 1.5 ft BGS. Deeper samples, except as noted below, were held by the laboratory for possible analysis pending the results for the shallow samples. Except for the samples from B-40, B-41, B-42, B-43, and B-45 discussed below, analysis was not requested for any of the held samples.

The samples collected from 4 to 4.5 ft BGS in the three spray mixing/wash areas were analyzed for OC pesticides. Based on the spray use at the property and the findings at other orchard properties in the Wenatchee area, OC pesticides (including DDT) are the pesticides of primary concern for the property due to their high toxicity, common usage, and persistence. The deeper samples from five orchard locations were extracted by the laboratory for possible OC pesticide analysis to meet the 14-day holding time, but were not analyzed based on the results for the shallow samples.

One shallow sample (0.2 to 0.5 ft) collected from each of the three spray mixing/wash areas was also analyzed for chlorinated herbicides and organophosphorous pesticides, which also may have been used at the subject property, but are generally less persistent than the OC pesticides. In the fueling area, the sample collected from 1 to 1.5 ft BGS was also analyzed for gasoline-range petroleum hydrocarbons. The deeper samples from the UST areas were collected from approximately 5 to 6 ft BGS near the elevation of the bottom of the tanks, and analyzed for oil-range petroleum hydrocarbons.

Analytical results for metals and petroleum hydrocarbon compounds are summarized in Table 6 and analytical results for pesticides and herbicides are summarized in Table 7. The analytical results for arsenic and lead are also shown on Figure 3.

The concentrations detected in soil at the subject property were evaluated based on Ecology MTCA cleanup levels. The MTCA Method A soil cleanup levels for unrestricted land were used as preliminary screening levels to assess the concentrations detected in soil. For compounds where there are no Method A cleanup levels, Method B cleanup levels for unrestricted land use based on direct contact were used. Based on the depth to groundwater in the area of greater than 50 ft and, as discussed below, the general decrease in the detected concentrations with increasing depth, Method B cleanup levels based on protection of groundwater were not calculated. The preliminary screening levels are included in Tables 6 and 7 for the analytes detected in soil. The results of the soil analyses include:

- Petroleum hydrocarbon compounds were above the detection limit in only one of the four samples analyzed. Sample B-1 from 5 to 6.5 ft indicated a concentration of motor oil-range hydrocarbons above the detection limit, but well below the preliminary screening level.
- Of the 42 samples analyzed for total arsenic, 18 samples indicated concentrations greater than the preliminary screening level (20 mg/kg). The highest concentration of arsenic (610 mg/kg) was reported at sample location B-42 in the sample from 1 to 1.5 ft BGS.
- Of the 42 samples analyzed, 7 samples indicated total lead concentrations greater than the preliminary screening level (250 mg/kg). Sample B-42 from 1 to 1.5 ft had the highest lead concentration at 2,250 mg/kg.
- Of the 21 samples that were analyzed for OC pesticides, 19 samples indicated concentrations of the analytes dieldrin, 4,4-DDE, endosulfan sulfate, and/or 4,4-DDT greater than the detection limit. DDE and DDT were detected in 19 and 16 samples, respectively. The other detected analytes were detected in only one or two samples. All of the detected OC pesticide concentrations were below the respective preliminary screening levels. Based on the results of the analysis of the shallow samples, no additional deeper samples were analyzed.
- No herbicides or organophosphorous pesticides were detected in the three samples analyzed.

Based on our review of the analytical data, the soil samples collected at the site indicate the presence of analytes associated with current and/or historic orchard operations. Concentrations of the metals arsenic and/or lead greater than the preliminary screening levels are present in shallow soil in numerous areas on the subject property. With the exception of location B-42, the arsenic concentrations do not show a clear trend, which may indicate that the concentrations detected are naturally occurring. The concentration detected at location B-49 in the 1 to 1.5 ft sample is an order of magnitude greater than the next highest concentration detected at the subject property.

At all but three locations (B-20, B-42, and B-49), the lead concentrations decrease rapidly with depth. At these other three locations, the lead concentrations increase by an order of magnitude with depth. As noted above, the maximum lead concentration detected at the subject property was in the sample collected at location B-42 from a depth of 1 to 1.5 ft. The detected concentration of 2,250 mg/kg was nearly an order of magnitude greater than the preliminary screening level of 250 mg/kg. However, a



deeper sample from this location (5 to 6.5 ft) indicated a lead concentration (4 mg/kg) well below the preliminary screening level.

Samples from adjacent borings B-41, B-43, and B-45 all indicated lead concentrations well below the preliminary screening levels, suggesting that the areal extent of the concentrations detected in the shallow samples from B-42 is limited.

The results for samples collected from the three borings located near the existing heating oil USTs and the single boring in the fueling area do not indicate contamination by petroleum hydrocarbons.

The results of the pesticide analysis for soil samples collected in both the former and current spray loading/mixing areas and in numerous other locations on the subject property show widespread low concentrations of a few persistent OC pesticides. None of the detected pesticide concentrations were greater than the preliminary screening levels.

Arsenic and lead were detected in shallow soil from numerous locations on the site at concentrations greater than the preliminary screening levels. Only one location (B-42) indicated an order of magnitude increase in the concentrations of both arsenic and lead between the 0.2 to 0.5 ft and 1 to 1.5 ft samples. Location B-42 is in the southeastern portion of the subject property along the eastern property boundary. This area is at the base of the slope and the elevated metals concentrations may be the result of runoff from the orchard. The results of the analysis of samples from adjacent borings suggest that the extent of the arsenic and lead impacts in this area of the property is limited.

Overall, the results of the soils investigation confirmed the impact of orchard operations on soil at the subject property. However, based on the intended future use of the property for commercial purposes, and that site soils will be contained beneath site buildings, parking areas, or driveways, the concentrations detected are not considered to pose a potential long-term threat to human health or the environment. During any site construction activities, procedures should be implemented to control dust and minimize potential inhalation risks for site workers and area residents.

## 9.0 SUMMARY AND CONCLUSIONS

Landau Associates has performed an expanded Phase I ESA of the proposed Home Depot property located southwest of the intersection of Maiden Lane and Wenatchee Avenue North in Wenatchee, Washington, in conformance with the scope and limitations of the ASTM Phase I practice, as annotated and supplemented by Home Depot (see Appendix E). This assessment has revealed no evidence of significant adverse environmental conditions in connection with the subject property, except for the following:

- The results of soil sampling and analysis indicate that shallow soils across much of the subject property contain metals and pesticides at varying concentrations related to historic orchard operations. The findings of the soils investigation include:
  - Concentrations of the metals arsenic and/or lead greater than the preliminary screening levels, which are based on Ecology MTCA cleanup levels, are present in the shallow soil in numerous areas on the subject property, but only one area (near B-42) was identified with concentrations several times greater than the preliminary screening levels. The results for samples collected from adjacent borings suggest that this area of elevated concentrations is localized.
  - The results of the pesticide analysis show low concentrations of a few persistent OC pesticides across much of the property, but no concentrations greater than the preliminary screening levels.
  - Where they are found, the concentrations of metals and pesticides are generally highest from the surface to about 3 ft, and then decrease with depth. Based on the shallow depth of impact, the soils are not considered to pose a threat to groundwater, which is present at a depth of greater than 50 ft.
  - If contained beneath site structures as part of site development, the soils with detected concentrations of metals and pesticides are not anticipated to pose a potential threat to human health or the environment.
- Three heating oil USTs are located on the subject property, and at least one likely contains product. The soil sampling and analysis found no evidence of soil contamination related to the USTs.
- One gasoline AST is located on the subject property. The soil sampling and analysis found no evidence of soil contamination related to the AST.
- A concrete-lined fish pond approximately 4 to 6 ft in depth is located east of the swimming pool on the subject property. The pond has been backfilled and exists as a lawn area, but the concrete liner is still in place. According to the property owner, refuse including pesticide containers, was burned in the pond prior to backfilling. Due to owner requests to minimize property damage until the property transaction was further along, drilling and sampling of material in the former fish pond were not included in the expanded Phase I ESA and will be addressed in a separate report.



- Septic tanks and associated drain fields remain in four areas of the subject property. These tanks do not likely present an environmental concern, but they should be pumped out and demolished, per industry practice, as part of construction activities.
- Irrigation lines are buried about 3 ft below grade throughout the subject property. These lines will need to be disconnected from the main supply line and removed as part of preparation for site development.
- The owner was not aware of any ACM or lead-based paint in the buildings on the subject property. However, due to the age of the buildings, materials in the buildings should be assessed for the presence of ACM and lead-based paint content before any demolition activities occur.

Based on the results of this Phase I ESA, the following additional work is recommended with respect to identification and characterization of potential environmental conditions at the subject property during or prior to site redevelopment.

- The contents of the fish pond, where refuse including pesticide containers is reported to have been burned, should be evaluated prior to completion of environmental due diligence for acquisition of the subject property.

In addition, based on the findings of the ESA, Landau Associates recommends the following considerations regarding site development activities:

- Inspection, testing, and documentation of the quantities of suspect ACM and lead-based paint in the site buildings, if present. Sampling and evaluation should be conducted of suspect building materials and painted surfaces to assess disposal options for these materials and to identify appropriate worker protection considerations prior to demolition.
- Implementation of procedures for appropriate notification and worker protection during excavation/grading activities to address potential exposure via direct contact with metals present in site soil. The construction bid package should include a requirement that bidders include, as part of their scope of work, the preparation of a Project Health and Safety Plan (HSP) outlining provisions, under applicable Occupational Safety and Health Administration regulations, that will be implemented as part of any site activities where workers could contact potentially impacted site media. A key element of the HSP will be provisions for control of dust to minimize inhalation risks to site workers and area residents.
- Implementation of procedures during site stripping and grading to prevent dispersion of potentially contaminated soil to uncontaminated areas through physical movement, water runoff, or dispersion as dust in the air.
- Implementation of procedures to minimize the depth of stripping (1 ft maximum) of topsoil and organic materials (roots, mulch, etc.) that, due to organic content, is not suitable for use as construction fill. Due to the potential presence of arsenic and lead at concentrations greater than the preliminary screening levels, the stripped material should be placed in discrete stockpiles for sampling and laboratory analysis to assess appropriate disposition. No organic material or soils generated during site stripping should be removed from the site without approval from the Home Depot Environmental Team.

- Topsoil that does not exceed the preliminary cleanup levels can and should, wherever possible, remain onsite for use in necessary landscape operations. The topsoil shall be free of roots, stumps, debris, or other deleterious materials, and as discussed in the Construction Specifications.
- Soils suitable for use as construction fill that contain arsenic and/or lead concentrations greater than the preliminary screening levels (i.e., impacted soil) shall either be: 1) excavated and placed as fill in areas that will be covered by a minimum of 3 ft of non-impacted soil; 2) left in place and covered by at least 3 ft of non-impacted soil; or 3) covered by asphalt, concrete, or site structures.
- Additional excavation and grading will be required in many areas to achieve a minimum of 3 ft of non-impacted soil cover. Such areas may include, but are not limited to, planters and landscaped areas near the zero cut/fill line, and areas of minimal planned grading, such as near site boundaries. In landscaped areas to be backfilled with non-impacted soil, a geotextile separator shall be placed between the backfill and the underlying soil.
- No demolition or grading work should be performed at the former fish pond until additional investigative work has been conducted by the Project Environmental Team.
- Coordination of heating oil UST and gasoline AST decommissioning/removal activities between the contractor and the Project Environmental Team. The Project Environmental Team will work with the contractor, as appropriate, to coordinate appropriate removal and disposal of the tanks and any associated impacted media in accordance with applicable Ecology regulations. The contractor will be responsible for providing copies of all documentation related to disposal activities to the Project Environmental Team.
- Coordination of the septic tank and drain field removal activities between the contractor and the Project Environmental Team. The septic tanks will need to be pumped out, the contents disposed appropriately, and the tanks removed. Landau Associates recommends that a knowledgeable observer be present during removal to assess and document site conditions and the potential presence of impacts to the surrounding soil from the septic tanks (e.g., in case non-sanitary wastes were discharged to the systems).
- Following completion of the construction activities at the site, the Project Environmental Team will document final site conditions and the disposal of any impacted demolition material or media for the project files and for Ecology, if appropriate.

If further evidence of contamination (e.g., staining or unusual odors) is detected during grading or excavation in any area of the subject property, the Home Depot Project Manager should notify the Project Environmental Team so that impacts can be evaluated to assess the need for further investigation, if appropriate, and the appropriate handling of any impacted media.



## 10.0 USE OF THIS REPORT

This Phase I ESA was undertaken and this report prepared for the exclusive use of Home Depot, their legal representatives, and their lenders (authorized users) for specific application to the subject property. It is intended to provide the authorized users with an understanding of the potential environmental liabilities associated with the property evaluated in this report. Reliance on this report by third parties or others who do not have a contractual relationship with Landau Associates on this project is at their sole risk.

This report is based on observations and information obtained during one visit to the subject property and is based solely on the condition of the property on that day, supplemented with information obtained by Landau Associates and described herein. In evaluating the subject property, Landau Associates has relied, in good faith, on representations and information abstracted from sources noted in this report to the extent they have not been contradicted by observations during the property reconnaissance or data obtained from other sources. Accordingly, Landau Associates accepts no responsibility for any deficiency, misstatements, omissions, or misrepresentations in the information provided to us.

Determining whether environmental conditions defined in this report indicate the presence of contamination at levels of concern is a matter of judgment. Liabilities associated with contaminated sites are defined in part by CERCLA. The findings and conclusions of this report are based on our evaluation of information obtained and reviewed for this project and reflect our professional judgment with respect to that information.

Landau Associates has performed the services and made the findings in accordance with generally accepted practices for Phase I ESAs in effect at the time the services were performed. This warranty stands in lieu of all other warranties, express or implied. While this report can be used as a guide, it is neither a rejection nor an endorsement of the property. It must also be understood that changing circumstances in the environment and use of the property can alter the conclusions and findings contained in this report.

LANDAU ASSOCIATES, INC.



Timothy L. Syverson, P.G.  
Senior Geologist

TLS/ccy



## 11.0 REFERENCES

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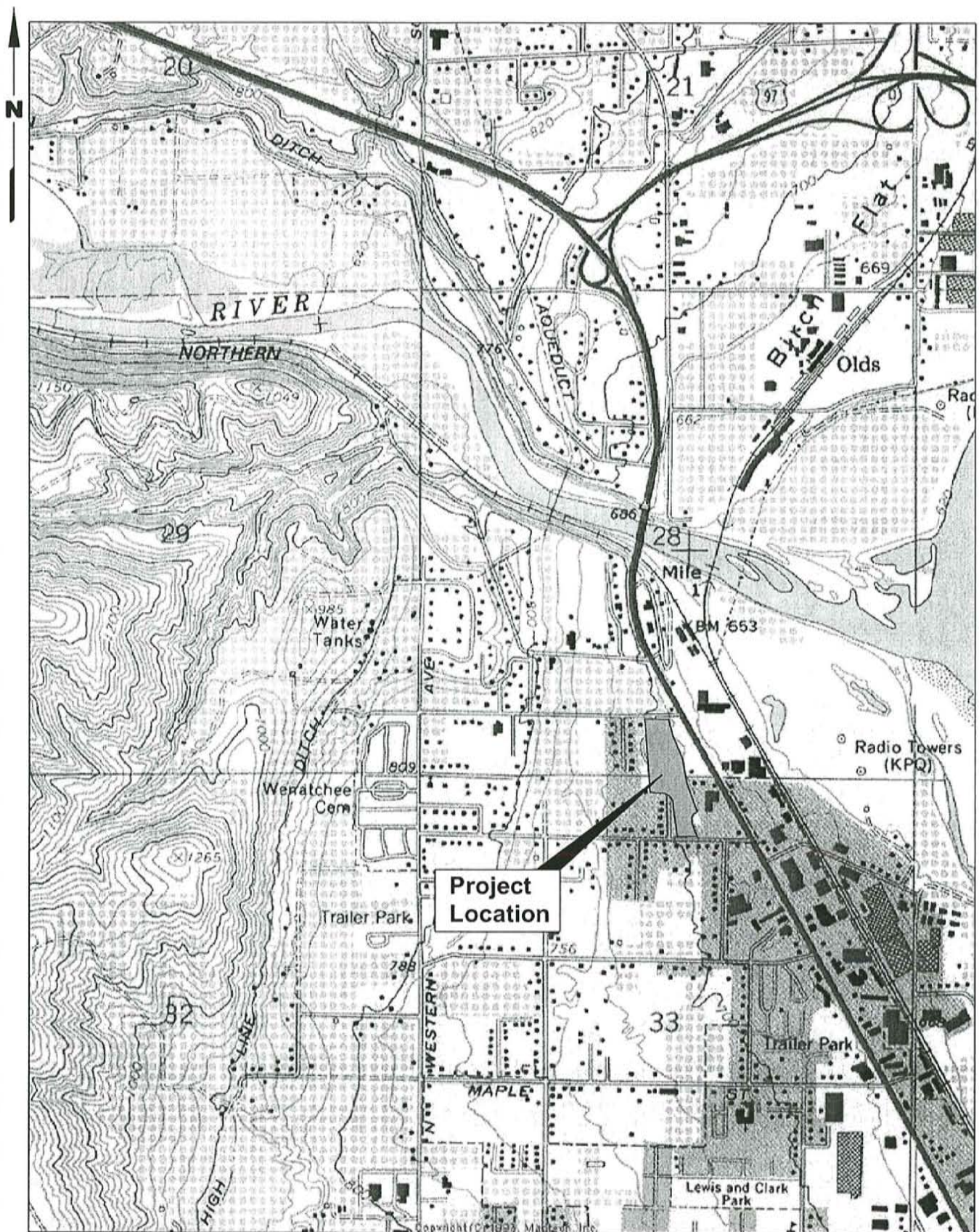
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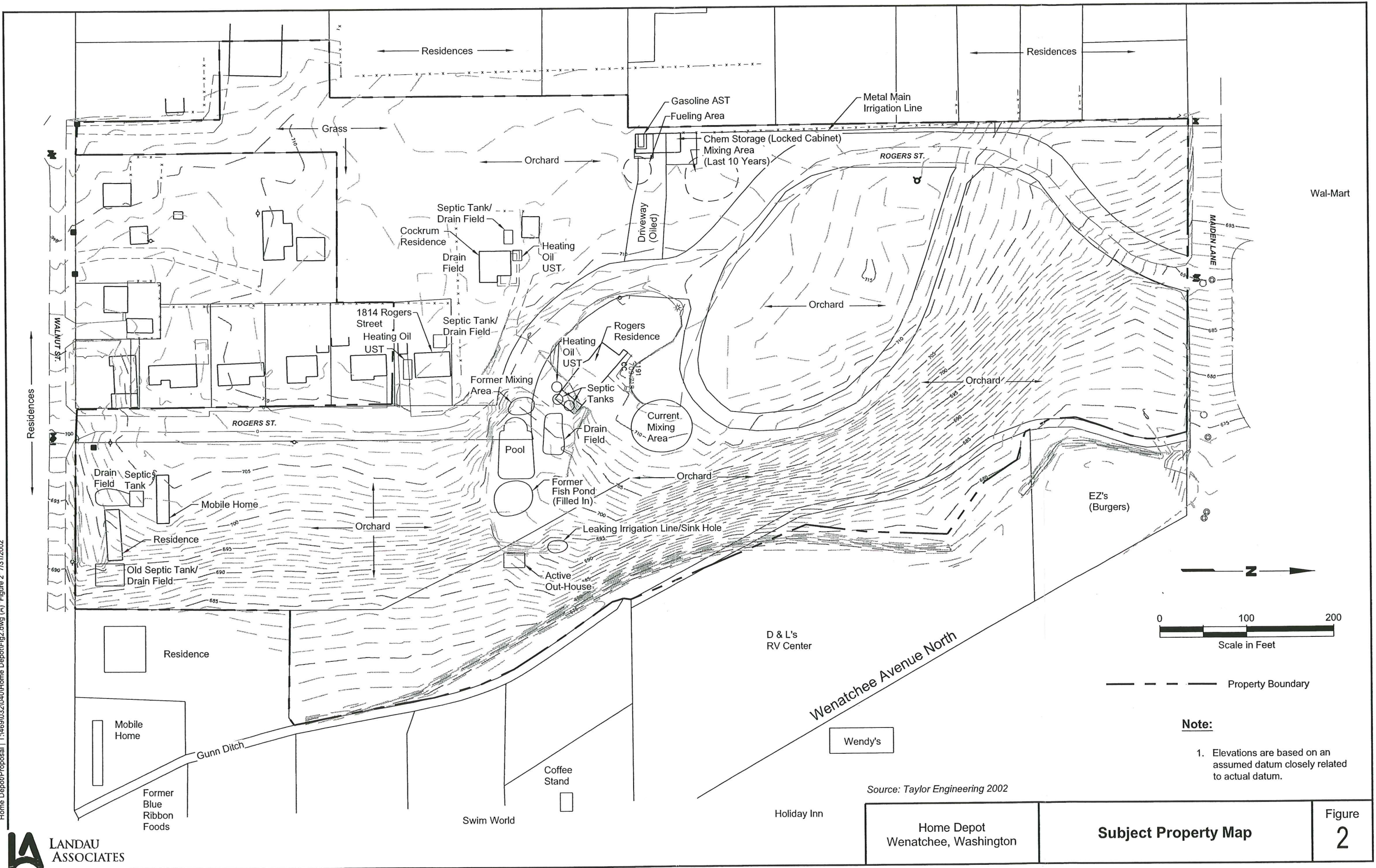
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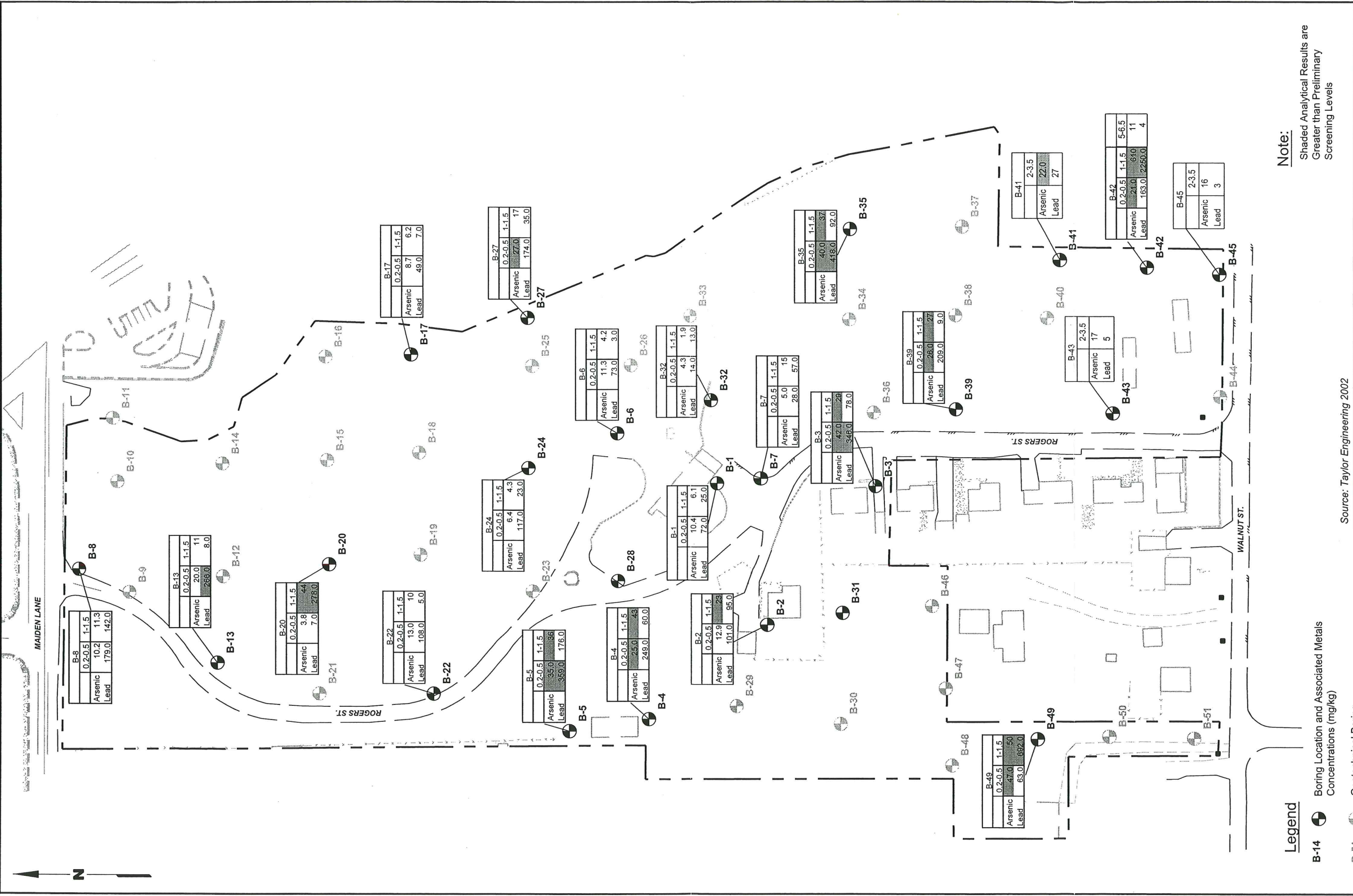


Source: Maptech Terrain Navigator, 1998









**TABLE 1**  
**SUMMARY OF AERIAL PHOTOGRAPHS REVIEWED**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Page 1 of 1

Year	Observations
1965	The subject property appears as orchard property. Rogers Street is visible crossing the property. The residences in the west and central portions of the property are visible. No structures are visible on the south portion of the subject property. Orchard property is visible north of Maiden Lane. Residential property is present to the west of the subject property and to the south of Walnut Street. Orchard property is visible to the southwest across Walnut Street. The property to the east is cleared and being developed.
1983	Conditions on the subject property and adjacent properties appear generally similar to those in the 1965 photograph. The residence and mobile home are visible on the south end of the subject property northeast of the intersection of Walnut Street and Rogers Street. More development is visible on the property to the east on both sides of Wenatchee Avenue North.
1990	Conditions on the subject property and adjacent properties appear similar to those in the 1983 photograph. More development is visible on the property to the east on both sides of Wenatchee Avenue North.
1998	Conditions on the subject property and adjacent properties appear similar to those in the 1990 photograph, and to current conditions.

**TABLE 2**  
**SUMMARY OF REGULATORY DATABASE SEARCH RESULTS**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Page 1 of 1

Database	Search Radius (Miles)	Number of Sites Identified
NPL	1¼	None
CORRACTS (TSD)	1¼	None
CSCSL	1¼	5
TSD	¾	None
LUST	¾	4
SWLF	¾	None
WA ICR	¾	6
UST	½	13
CERCLIS/NFRAP	½	None
LG GEN	½	1
SM GEN	½	8
ERNS	Subject Property	None
<hr/>		
NPL	EPA – National Priorities List	
CORRACTS (TSD)	EPA – Resource Conservation and Recovery Act Corrective Actions and associated treatment, storage, disposal facilities	
CSCSL	Confirmed and Suspected Contaminated Sites List (state equivalent CERCLIS list)	
LUST	Leaking Underground Storage Tank database	
SWLF	Solid Waste Landfill Facilities List – permitted as solid waste landfills, incinerators, or transfer stations	
UST	Underground Storage Tank database	
CERCLIS/NFRAP	Comprehensive Environmental Response, Compensation, and Liability Information System/No Further Remedial Action Planned sites – site currently or formerly under review by EPA	
WA ICR	Washington State Department of Ecology Independent Cleanup Reports database	
LG GEN	RCRA registered large generators of hazardous waste	
SM GEN	RCRA registered small generators of hazardous waste	
ERNS	EPA – Emergency Response Notification System of spills or releases	



**TABLE 3**  
**SITE RECONNAISSANCE CHECKLIST**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Page 1 of 1

Checklist Items	Present	Not Observed	Remarks
Chemical Storage	√		Pesticides used in orchard operations are stored, mixed and applied at the subject property. No hazardous wastes identified.
Hazardous Waste			
Solid Waste		√	
Evidence of Dumping		√	
Use of Fill Material		√	
Soil or Groundwater Contamination		√	
Underground Storage Tanks	√		Heating oil USTs are present at three residences on the property. One UST is out of service and empty, one is in use and likely full. The status of the third UST is unknown.
Aboveground Storage Tanks	√		One gasoline AST is present in the storage shed along the western property boundary. The AST is reported by the property owner to be empty, but likely contains some residual fuel. The AST was formerly used for fueling the tractor used in the orchard.
Electrical Transformers/PCBs		√	
Stormdrains, Catch Basins		√	
Pits, Ponds, and Lagoons	√		A former fish pond is located on the subject property. Due to reported burning in the fish pond prior to backfilling, further investigation is warranted.
Groundwater Supply or Monitoring Wells		√	

**TABLE 4**  
**ADJACENT PROPERTIES CHECKLIST**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Page 1 of 1

Checklist Item	Present	Not Observed	Remarks
Chemical Storage Areas		√	
Solid Waste	√		Most of the businesses on adjacent properties to the east have dumpsters to collect solid waste for offsite disposal.
Hazardous Waste		√	
Evidence of Dumping		√	
Use of Fill Material		√	
Soil or Groundwater Contamination		√	
Underground Storage Tanks		√	Heating oil USTs may be present at residences to the south and west of the subject property. No specific evidence of USTs was observed.
Aboveground Storage Tanks		√	
Pits, Ponds, and Lagoons		√	

**TABLE 5**  
**PESTICIDES COMMONLY USED IN**  
**ORCHARDS IN THE WENATCHEE VALLEY AREA**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Accomplish 20-20-20	Nutra Phos 24
Amid Thin W	Nutri Cal
Amine 4 2,4-D	Oil Bulk Clean Crop
Apogee	Oil CD Supreme Spray
Azinphos Methyl 50 WSP	Oil Clean Crop Supreme
Azinphos-M 50W	Oil Omni Supreme
B-52 Buffer	Oil Volk Supreme
Borosol 10%	Ortho Bar 17
Calcium Chloride CAL Q	PennCap-M
Calcium Chloride COR-CL	Pinene-S
Calcium Chloride MOR-C	Pit Stop
Calcium Chloride PIT S	Probor-17
Calcium COR-CLEAR	Procure 50WS
Calcium Nitrate	Provado 1.6
Captan 50WP	Rally 40W
Carbaryl 50WP	Regulaid
Carzol SP	Rubigan EC
Chlorpyrifos 4E	Sevin 4F
Dacamine 4-D	Sevin 4L
Dimethoate 25W	Sevin 80-WSP
Dithane 75 DF	Sevin WP
Ethephon 2EC	Sevin XLR Plus
Ethrel	Sil-Cote 2000
Flint	Silwet L-77
Foam Buster	Sniper 50W PVA
Fruit Fix 200	Sniper 50WP
Guthion 50 WP	Solu Spray
Guthion 50 WP PVA	Sorba Spray MG 1
Hy-Stop	Success
Imidan 70-WSB	Sulfur Microthiol
Isomate-C	Thiocal 0-0-06CA-10S
Lorsban 4E	Thiodan 50WP
Lorsban 50WSP	Zinc 10%
Microphos-24	Zinc 9%
Mor-Bor 17	Zinc 9% SEQ
Nomate CM	Zinc LZN 8.50
Nufilm-17	

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Source: Roger Crest Farms



**TABLE 6**  
**SOIL ANALYTICAL RESULTS FOR METALS AND PETROLEUM HYDROCARBONS**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Revised Identification:	B-1	B-1	B-1	B-2	B-2	B-2	B-3	B-3	B-3	B-4	B-4	B-5
Field Location:	B-1	B-1	B-1	B-2	B-2	B-2	B-3	B-3	B-3	B-4	B-4	B-5
Depth:	0.2-0.5	1-1.5	5-6.5	0.2-0.5	1-1.5	5-6	0.2-0.5	1-1.5	5-6.5	0.2-0.5	1-1.5	0.2-0.5
Lab ID:	EH29N	EH29O	EH30I	EH21K	EH21L	EH21M	EH29I	EH29J	EH29K	EH29R	EH29S	EH21B
<b>METALS (mg/kg)</b>												
Arsenic	10.4	6.1	NA	12.9	23	NA	42	29	NA	25	43	35
Lead	72	25	NA	101	95	NA	346	78	NA	249	60	359
<b>TOTAL PETROLEUM HYDROCARBONS (mg/kg)</b>												
(NWTPH-Gx)												
Gasoline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5 U	NA
<b>TOTAL PETROLEUM HYDROCARBONS (mg/kg)</b>												
(NWTPH-dx)												
Diesel Range	NA	NA	5.0 U	NA	NA	5.0 U	NA	NA	5.0 U	NA	NA	NA
Motor Oil Range	NA	NA	11.0	NA	NA	10.0 U	NA	NA	10.0 U	NA	NA	NA

**TABLE 6**  
**SOIL ANALYTICAL RESULTS FOR METALS AND PETROLEUM HYDROCARBONS**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Revised Identification: Field Location: Depth: Lab ID:	B-5 B-5 1-1.5 EH29T	B-6 B-6 0.2-0.5 EH21C	B-6 B-6 1-1.5 EH29U	B-7 B-7 0.2-0.5 EH21A	B-7 B-7 1-1.5 EH29L	B-8 B-8 0.2-0.5 EH29P	B-8 B-8 1-1.5 EH29Q	B-13 B-13 0.2-0.5 EH30A	B-13 B-13 1-1.5 EH30B	B-17 B-18 0.2-0.5 EH21N	B-17 B-18 1-1.5 EH21O
<b>METALS (mg/kg)</b>											
Arsenic	20	11.3	4.2	5	15	10.2	11.3	20	11	8.7	6.2
Lead	250	73	3	28	57	179	142	266	8	49	7
<b>TOTAL PETROLEUM HYDROCARBONS (mg/kg)</b>											
(NWTPH-Gx) Gasoline	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>TOTAL PETROLEUM HYDROCARBONS (mg/kg)</b>											
(NWTPH-dx) Diesel Range	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Motor Oil Range	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 6**  
**SOIL ANALYTICAL RESULTS FOR METALS AND PETROLEUM HYDROCARBONS**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Revised Identification:	B-20	B-20	B-22	B-22	B-24	B-24	B-27	B-27	B-32	B-32	B-35	B-35
Field Location:	B-21	B-21	B-23	B-23	B-26	B-26	B-30	B-30	B-37	B-37	B-40	B-40
Depth:	0.2-0.5	1-1.5	0.2-0.5	0.2-0.5	1-1.5	1-1.5	0.2-0.5	0.2-0.5	1-1.5	1-1.5	0.2-0.5	1-1.5
Lab ID:	EH21H	EH21I	EH30G	EH30H	EH21E	EH21F	EH21Q	EH21R	EH30N	EH30O	EH29A	EH29B
METALS (mg/kg)	3.8	44	13	10	6.4	4.3	27	17	4.3	1.9	40	37
	7	278	108	5	117	23	174	35	14	13	418	92
TOTAL PETROLEUM												
HYDROCARBONS (mg/kg)												
(NWTPH-Gx)												
Gasoline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM												
HYDROCARBONS (mg/kg)												
(NWTPH-dx)												
Diesel Range	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Motor Oil Range	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA



**TABLE 6**  
**SOIL ANALYTICAL RESULTS FOR METALS AND PETROLEUM HYDROCARBONS**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Revised Identification: Field Location: Depth: Lab ID:	Preliminary Screening Level (a)	B-39 B-44 0.2-0.5 EH29D	B-39 B-44 1-1.5 EH29E	B-41 B-46 2-3.5 EI75B	B-42 B-47 0.2-0.5 EH30J	B-42 B-47 1-1.5 EH30K	B-42 B-47 5-6.5 EI75A	B-43 B-48 2-3.5 EI75C	B-45 B-50 2-3.5 EI75D	B-49 B-54 0.2-0.5 EH30C	B-49 B-54 1-1.5 EH30D
<b>METALS (mg/kg)</b>											
Arsenic	20	26	27	22.0	21	610	11	17	16	47	50
Lead	250	209	9	27.0	163	2250	4	5	3	63	692
<b>TOTAL PETROLEUM HYDROCARBONS (mg/kg)</b>											
(NWTPH-Gx)											
Gasoline	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>TOTAL PETROLEUM HYDROCARBONS (mg/kg)</b>											
(NWTPH-dx)											
Diesel Range	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Motor Oil Range	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not analyzed.

U = Not detected.

= Results greater than preliminary screening levels.

(a) Model Toxics Control Act Method A cleanup levels for unrestricted land use.

**TABLE 7**  
**ANALYTICAL RESULTS FOR PESTICIDES AND HERBICIDES**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Pesticides (µg/kg)	Revised Identification:		Field Location:		B-2		B-2		B-3		B-3		B-5		B-5		B-6		B-6		B-7		B-7	
	Depth:	Screening	Lab ID:	Level (a)	B-2	B-2	B-2	B-2	B-3	B-3	B-3	B-3	B-5	B-5	B-5	B-5	B-6	B-6	B-6	B-6	B-7	B-7	B-7	B-7
					62.5 (b)	2940 (b)																		
alpha-BHC					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
beta-BHC					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
delta-BHC					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
gamma-BHC (Lindane)					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
Heptachlor					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
Aldrin					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
Heptachlor Epoxide					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
Endosulfan I					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
Endosulfan II					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
Dieldrin					55	4.3	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.7 U	3.7 U	3.6 U	3.6 U	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.5 U	3.7 U	3.7 U
4,4'-DDE					440	35	140	140	140	140	140	140	550	550	290	290	21	21	3.7 U	3.7 U	66	66	3.7 U	3.7 U
Endrin					3.6 U	3.7 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.7 U	3.7 U	3.6 U	3.6 U	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.5 U	3.7 U	3.7 U
Endosulfan II					3.6 U	3.7 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.7 U	3.7 U	3.6 U	3.6 U	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.5 U	3.7 U	3.7 U
4,4'-DDD					3.6 U	3.7 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.7 U	3.7 U	3.6 U	3.6 U	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.5 U	3.7 U	3.7 U
Endosulfan Sulfate					3.6 U	3.7 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.7 U	3.7 U	3.6 U	3.6 U	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.5 U	3.7 U	3.7 U
4,4'-DDT					130	7.8	8.1	8.1	8.1	8.1	8.1	8.1	460	460	190	190	12	12	3.7 U	3.7 U	50	50	3.7 U	3.7 U
Methoxychlor					18 U	19 U	18 U	18 U	18 U	18 U	18 U	18 U	19 U	19 U	18 U	18 U	17 U	17 U	19 U	19 U	18 U	18 U	18 U	18 U
Endrin Ketone					3.6 U	3.7 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.7 U	3.7 U	3.6 U	3.6 U	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.5 U	3.7 U	3.7 U
Endrin Aldehyde					3.6 U	3.7 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.7 U	3.7 U	3.6 U	3.6 U	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.5 U	3.7 U	3.7 U
gamma Chlordane					1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
alpha Chlordane					2.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
Toxaphene					180 U	190 U	180 U	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	180 U	170 U	170 U	190 U	190 U	180 U	180 U	180 U	180 U
<b>Organophosphorous Pesticides (µg/kg)</b>																								
Azinphos methyl					NA	NA	NA	NA	NA	NA	NA	NA	40 U	40 U	NA	NA	40 U	40 U	NA	NA	40 U	40 U	NA	NA
Bolstar					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Chlorpyrifos					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Coumaphos					NA	NA	NA	NA	NA	NA	NA	NA	40 U	40 U	NA	NA	40 U	40 U	NA	NA	40 U	40 U	NA	NA
Demeton					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Diazinon					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Dichlorvos					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Dimethoate					NA	NA	NA	NA	NA	NA	NA	NA	40 U	40 U	NA	NA	40 U	40 U	NA	NA	40 U	40 U	NA	NA
Disulfoton					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Ethion					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Ethoprop					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
EPN					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Fensulfthion					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Fenthion					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Malathion					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA
Merphos					NA	NA	NA	NA	NA	NA	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA

**TABLE 7**  
**ANALYTICAL RESULTS FOR PESTICIDES AND HERBICIDES**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Revised Identification: Field Location: Depth: Lab ID:	Preliminary Screening Level (a)												
		B-2 B-2 0.2-0.5 EH21K	B-2 B-2 1-1.5 EH21L	B-3 B-3 0.2-0.5 EH29I	B-3 B-3 1-1.5 EH29J	B-5 B-5 0.2-0.5 EH21B	B-5 B-5 1-1.5 EH29T	B-6 B-6 0.2-0.5 EH21C	B-6 B-6 1-1.5 EH29U	B-7 B-7 0.2-0.5 EH21A	B-7 B-7 1-1.5 EH29L		
Mevinphos		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Monocrotophos		NA	NA	NA	NA	100 U	NA	100 U	NA	100 U	NA		
Naled		NA	NA	NA	NA	40 U	NA	40 U	NA	40 U	NA		
Parathion-ethyl		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Parathion-methyl		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Phorate		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Ronnel		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Stirophos		NA	NA	NA	NA	40 U	NA	40 U	NA	40 U	NA		
Sulfotep		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Thionazin		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Tokuthion (Prothiofos)		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Trichloronate		NA	NA	NA	NA	20 U	NA	20 U	NA	20 U	NA		
Herbicides (µg/kg)													
2,4,5-TP (Silvex)		NA	NA	NA	NA	9.5 U	NA	8.8 U	NA	9 U	NA		
2,4,5-T		NA	NA	NA	NA	19 U	NA	18 U	NA	18 U	NA		
Dinoseb		NA	NA	NA	NA	19 U	NA	18 U	NA	18 U	NA		
Dicamba		NA	NA	NA	NA	22 U	NA	21 U	NA	21 U	NA		
2,4-D		NA	NA	NA	NA	37 U	NA	34 U	NA	35 U	NA		
2,4-DB		NA	NA	NA	NA	190 U	NA	180 U	NA	180 U	NA		
Dalapon		NA	NA	NA	NA	100 U	NA	93 U	NA	96 U	NA		
MCPA		NA	NA	NA	NA	47000 U	NA	43000 U	NA	45000 U	NA		
Dichloroprop		NA	NA	NA	NA	37 U	NA	34 U	NA	35 U	NA		



**TABLE 7**  
**ANALYTICAL RESULTS FOR PESTICIDES AND HERBICIDES**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Revised Identification:	Field Location:	Preliminary	B-17	B-17	B-22	B-22	B-24	B-32	B-32	B-42	B-42	B-49	B-49
Depth:	Lab ID:	Screening	B-18	B-18	B-23	B-23	B-26	B-37	B-37	B-47	B-47	B-54	B-54
Lab ID:	Level (a)	Level (a)	EH21N	EH21O	EH30G	EH30H	EH21E	EH30N	EH30O	EH30J	EH30K	EH30C	EH30D
<b>Pesticides (µg/kg)</b>													
alpha-BHC			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
beta-BHC			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
delta-BHC			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
gamma-BHC (Lindane)			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
Heptachlor			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
Aldrin			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
Heptachlor Epoxide			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
Endosulfan I			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
Endosulfan II			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U
Dieldrin			3.5 U	3.5 U	3.4 U	3.5 U	3.8 U	3.9 U	3.8 U	2.9 U	3.7 U	3.6 U	3.5 U
4,4'-DDE	62.5 (b)		170	55	330	18	150	14	22	300	73	3.7	53
Endrin	2940 (b)		3.5 U	3.5 U	3.4 U	3.5 U	3.8 U	3.9 U	3.8 U	6.9 U	3.7 U	3.6 U	3.5 U
Endosulfan II			3.5 U	3.5 U	3.4 U	3.5 U	3.8 U	3.9 U	3.8 U	3.6 U	3.7 U	3.6 U	3.5 U
4,4'-DDD			3.5 U	3.5 U	3.4 U	3.5 U	3.8 U	3.9 U	3.8 U	3.6 U	3.7 U	3.6 U	3.5 U
Endosulfan Sulfate			3.5 U	3.5 U	3.4 U	3.5 U	3.8 U	3.9 U	3.8 U	3.6 U	3.7 U	3.6 U	3.5 U
4,4'-DDT	480000 (b)		150	4.3	140	5.6	75	15	3.8 U	250	32	3.6 U	22
Methoxychlor	3,000		18 U	17 U	17 U	18 U	19 U	19 U	19 U	18 U	18 U	18 U	17 U
Endrin Ketone			3.5 U	3.5 U	3.4 U	3.5 U	3.8 U	3.9 U	3.8 U	3.7 U	3.7 U	3.6 U	3.5 U
Endrin Aldehyde			3.5 U	3.5 U	3.4 U	3.5 U	3.8 U	3.9 U	3.8 U	21 U	3.7 U	3.6 U	3.5 U
gamma Chlordane			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	18 U	1.8 U	1.8 U	1.7 U
alpha Chlordane			1.8 U	1.7 U	1.7 U	1.8 U	1.9 U	1.9 U	1.9 U	2.6 U	1.8 U	1.8 U	1.7 U
Toxaphene			180 U	170 U	170 U	180 U	190 U	190 U	190 U	620 U	180 U	180 U	170 U
<b>Organophosphorous Pesticides (µg/kg)</b>													
Azinphos methyl			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bolstar			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorpyrifos			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coumaphos			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Demeton			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diazinon			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorvos			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethoate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Disulfoton			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethion			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethoprop			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPN			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fensulfthion			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fenitrothion			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Malathion			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Merphos			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 7**  
**ANALYTICAL RESULTS FOR PESTICIDES AND HERBICIDES**  
**PROPOSED HOME DEPOT – WENATCHEE, WASHINGTON**

Revised Identification: Field Location: Depth: Lab ID:	Preliminary Screening Level (a)	B-17 B-18 0.2-0.5 EH21N	B-17 B-18 1-1.5 EH21O	B-22 B-23 0.2-0.5 EH30G	B-22 B-23 1-1.5 EH30H	B-24 B-26 0.2-0.5 EH21E	B-32 B-37 0.2-0.5 EH30N	B-32 B-37 1-1.5 EH30O	B-42 B-47 0.2-0.5 EH30J	B-42 B-47 1-1.5 EH30K	B-49 B-54 0.2-0.5 EH30C	B-49 B-54 1-1.5 EH30D
Mevinphos		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Monocrotophos		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naled		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Parathion-ethyl		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Parathion-methyl		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phorate		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ronnel		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stirophos		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfotep		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thionazin		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tokuthion (Prothiofos)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloronate		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Herbicides (µg/kg)</b>												
2,4,5-TP (Silvex)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dicamba		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DB		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dalapon		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCPA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

U = Not detected.

NA = Not analyzed.

E = Analyte detected outside of calibration range, sample will be reanalyzed.

(a) Model Toxics Control Act Method A cleanup levels for unrestricted land use.

(b) MTCA Method B soil cleanup level for unrestricted land use.

APPENDIX A

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## Environmental Compliance Certificate



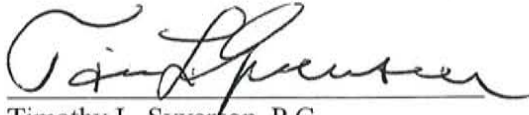
**APPENDIX A**  
**ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Consultant has completed an assessment and report on the subject property (the "Report") to determine the possibility that Hazardous Substances are present on the property as of April 2002, and for the purpose of advising Home Depot U.S.A., Inc. in connection with a loan secured by the subject property. In the Consultant's professional judgment, the assessment included the tasks necessary to enable Consultant to make such determinations. The services provided by Consultant satisfy the standards of care, skill, and diligence ordinarily provided by professionals performing similar services as of the time the services were performed. Except as stated in the Report, Consultant did not observe any evidence of contamination by hazardous substances.

Except as specified otherwise in the Report, Consultant has not investigated the presence of hazardous substances incorporated into buildings, equipment, or other improvements on the property, nor has Consultant investigated conditions that were only observable by intrusive means such as excavation or boring, or penetrating a structure, except where conditions observable by surficial examination suggested the need for intrusive investigation. Any area to which Consultant was denied access is mentioned in the Report.

As used herein, Hazardous Substances includes, without limitation, Hazardous Substances listed in 40 CFR Part 302, Extremely Hazardous Substances listed in 40 CFR Part 355, Toxic Chemicals listed in 40 CFR Part 372, and all other substances that are subject to federal, state, or local authorities, including asbestos, petroleum, or any fraction thereof, and radon.

Landau Associates, Inc.  
Consultant

By:   
Timothy L. Syverson, P.G.

Title: Senior Geologist

Date: 3/18/03

# **Environmental Data Resources EDR-Radius Map With GeoCheck<sup>®</sup> and Sanborn<sup>™</sup> Map Report**



## **The EDR Radius Map with GeoCheck®**

**Wenatchee Ave.  
Maiden Lane/Wenatchee Ave  
Wenatchee, WA 98801**

**Inquiry Number: 750083.3s**

**March 25, 2002**

## ***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](http://www.edrnet.com)**



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***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 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

MAIDEN LANE/WENATCHEE AVE  
WENATCHEE, WA 98801

#### COORDINATES

Latitude (North): 47.451300 - 47° 27' 4.7"  
Longitude (West): 120.334700 - 120° 20' 4.9"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 700918.6  
UTM Y (Meters): 5258542.5

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2447120-D3 WENATCHEE, WA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ( "reasonably ascertainable " ) government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

### FEDERAL ASTM STANDARD

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned  
CORRACTS..... Corrective Action Report  
RCRIS-TSD..... Resource Conservation and Recovery Information System  
ERNS..... Emergency Response Notification System

### STATE ASTM STANDARD

HSL..... Hazardous Sites List  
SWF/LF..... Solid Waste Facility Database

### FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees

## EXECUTIVE SUMMARY

**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 06/21/2000 has revealed that there are 8 RCRIS-SQG sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LLOYDS AUTO TRUCK INC	1842 N WENATCHEE AVE	1/8 - 1/4ESE	B3	6
VAN DOREN SALES INC WENATCHEE	2001 N WENATCHEE AVE	1/8 - 1/4N	C4	6
ELF ATOCHEM NORTH AMERICA	1105 HAWLEY ST	1/4 - 1/2ESE	E12	15
STERI SEAL OF WASHINGTON INC	1649 N WENATCHEE AVE	1/4 - 1/2SE	H18	18
WENATCHEE JEEP EAGLE SUBARU	1643 N WENATCHEE AVE	1/4 - 1/2SE	H20	19
VITA GREEN	1630 N WENATCHEE AVE	1/4 - 1/2SE	H21	20
NORTHWEST WHOLESALE INC WENATC	1567 N WENATCHEE AVE	1/4 - 1/2SE	I22	20
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WA PARKS EASTERN REGIONAL HQ	2201 N DUNCAN DR	1/4 - 1/2N	G16	17

### STATE ASTM STANDARD

**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 5 CSCSL sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WENTACHEE MIDDLE SCHOOL PROPO	1400 MAPLE ST	1/2 - 1 S	26	25
DVORAK LIVING TRUST	1444 N WENATCHEE AVE	1/2 - 1 SE	27	26
UPS WENATCHEE	340 E PENNY RD	1 - 2 NNE	29	27
AG SUPPLY COMPANY OF WENATCHEE	1115 N WENATCHEE AVE	1 - 2 SSE	30	28
WSU TREE FRUIT RES EXT CTR	1100 N WESTERN AVE	1 - 2 SSW	31	29

**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 12/07/2001 has revealed that there are 4 LUST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FLYING J SERVICE 01110	1920 NORTH WENATCHEE AV	0 - 1/8 ENE	A1	5
JACKPOT 091	1754 NORTH WENATCHEE AV	1/8 - 1/4SE	D8	10
WENATCHEE DISTRICT SITE	1551 N WENATCHEE AVE	1/2 - 1 SE	I24	23
WENATCHEE CEMETARY	1804 N WESTERN ST	1/2 - 1 W	25	24

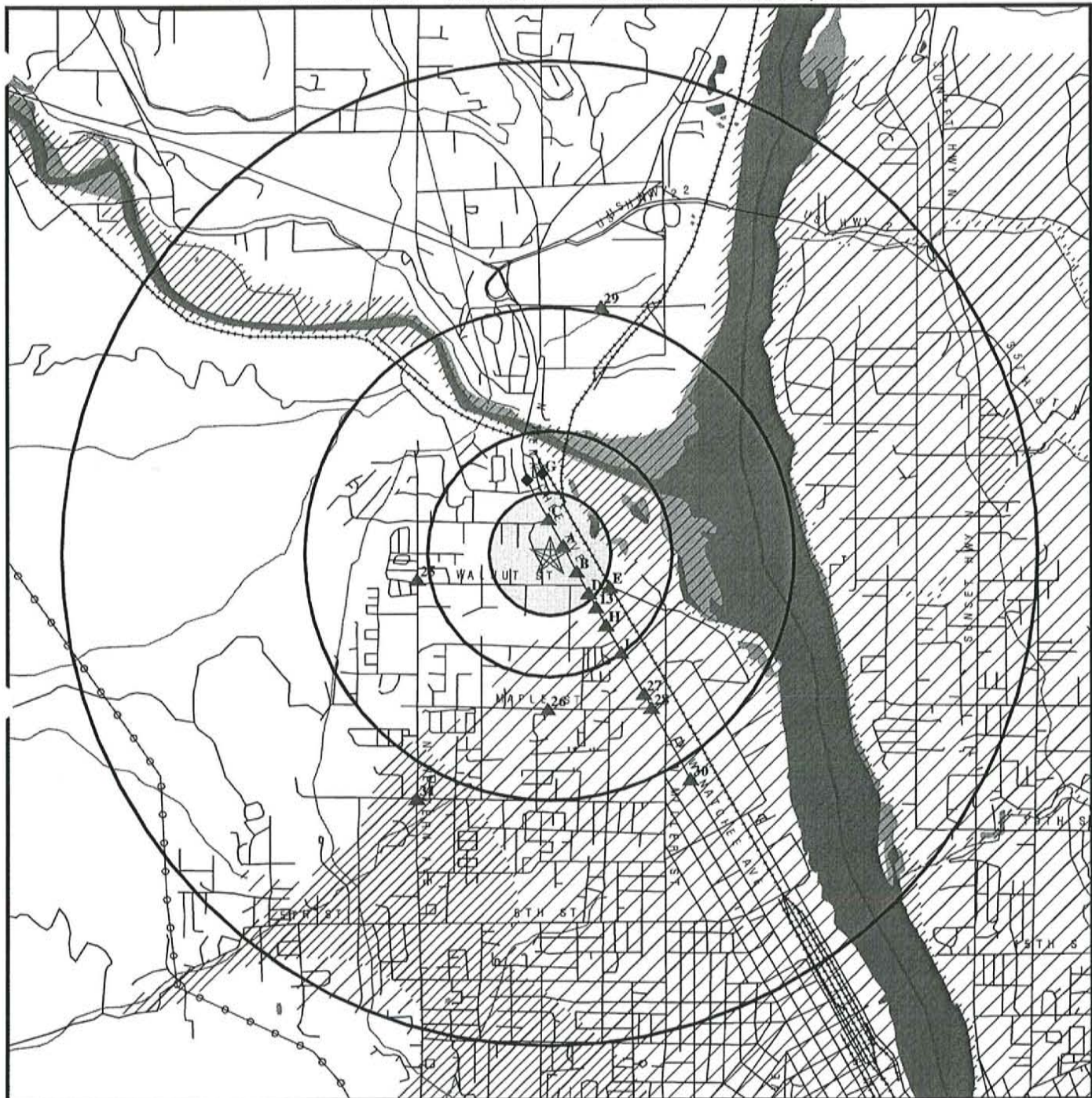


## EXECUTIVE SUMMARY

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

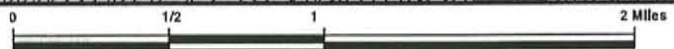
Site Name	Database(s)
DRYDEN LANDFILL	CSCSL
PROPOSED EASTMONT JUNIOR HIGH	CSCSL
PANGBORN FIELD	CSCSL
PROPOSED TOWN TOYOTA	CSCSL
GREATER WENATCHEE REGIONAL LANDFIL	CSCSL
UNOCAL BK PLT 0853	CSCSL
COMMUNITY TECHNOLOGY CENTER	CSCSL
UNOCAL SVS STA 4942	CSCSL
CHELAN CO DRYDEN LDFL	CERC-NFRAP
CHELAN CO S WENATCHEE AV LDFL	CERC-NFRAP
WENATCHEE TRANSFER STATION	SWF/LF
HAWLEY STREET SHOP	UST, LUST, WA ICR
LAKE WENATCHEE CENTRAL OFFICE (482	UST
WENATCHEE PETROLEUM CO.	UST
WENATCHEE RIVER COUNTY PARK	UST
PHILLIPS 66 COMPANY SS#073069	UST
WASTE MANAGEMENT GREATER WENATCH	UST
AUTO WORKS WENATCHEE	RCRIS-SQG, FINDS
WA AGR M WENATCHEE 2	RCRIS-SQG, FINDS
OLD WENATCHEE HOSPITAL	PADS
COLUMBIA RIVER 6 MILES NORTH OF WE	ERNS
OLD WENATCHEE HOSPITAL	FINDS
7-ELEVEN #2301 20481J	WA ICR
COMMUNITY TECHNOLOGY CENTER	WA ICR
CHELAN COUNTY HELIPORT	WA ICR
BALLARD SERVICES	WA ICR
DOVEX FRUIT EUCLID AVE	CSCSL NFA

# OVERVIEW MAP - 750083.3s - Landau Associates, 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
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Wetlands

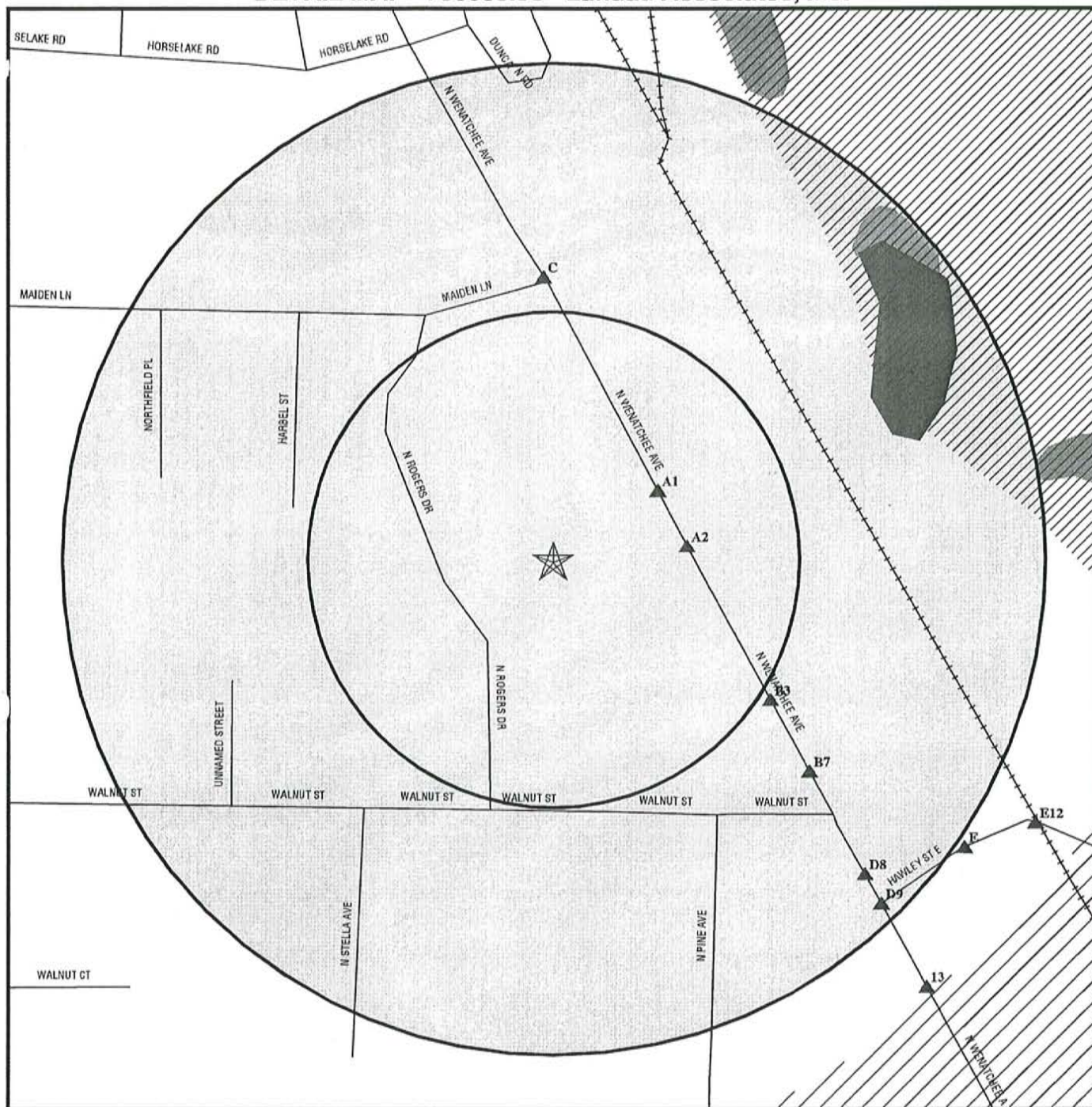


TARGET PROPERTY: Wenatchee Ave.  
 ADDRESS: Maiden Lane/Wenatchee Ave  
 CITY/STATE/ZIP: Wenatchee WA 98801  
 LAT/LONG: 47.4513 / 120.3347

CUSTOMER: Landau Associates, Inc.  
 CONTACT: Tim Syverson  
 INQUIRY #: 750083.3s  
 DATE: March 25, 2002 8:12 pm



# DETAIL MAP - 750083.3s - Landau Associates, 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
- ⬆ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Wetlands

TARGET PROPERTY: Wenatchee Ave.  
 ADDRESS: Maiden Lane/Wenatchee Ave  
 CITY/STATE/ZIP: Wenatchee WA 98801  
 LAT/LONG: 47.4513 / 120.3347

CUSTOMER: Landau Associates, Inc.  
 CONTACT: Tim Syverson  
 INQUIRY #: 750083.3s  
 DATE: March 25, 2002 8:12 pm



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRIS-TSD		0.750	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.500	0	0	1	NR	NR	1
RCRIS Sm. Quan. Gen.		0.500	0	2	6	NR	NR	8
ERNS		0.250	0	0	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
CSCSL		1.250	0	0	0	2	3	5
HSL		1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	0	0	NR	0
LUST		0.750	1	1	0	2	NR	4
UST		0.500	1	5	7	NR	NR	13
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
WA ICR		0.750	1	1	1	3	NR	6
CSCSL NFA	TP		NR	NR	NR	NR	NR	0
WA Emissions	TP		NR	NR	NR	NR	NR	0
<b><u>EDR PROPRIETARY HISTORICAL DATABASES</u></b>								
Coal Gas		1.000	0	0	0	0	NR	0
AQIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

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

A1  
ENE  
< 1/8  
337  
Higher

FLYING J SERVICE 01110  
1920 NORTH WENATCHEE AVE  
WENATCHEE, WA 98801

UST U003024872  
LUST N/A

Site 1 of 2 in cluster A

LUST:

Facility ID:	100584	Ecology Region:	Central
Release ID:	3396	Release Date:	10/08/1991
Release Status:	CLEANUP STARTED	Status Date:	10/08/1991
Alternate Name:	Not reported		
Affected Media:	SOIL		

Facility ID:	100584	Ecology Region:	Central
Release ID:	3396	Release Date:	10/08/1991
Release Status:	REPORTED CLEANED UP	Status Date:	06/01/1995
Alternate Name:	Not reported		
Affected Media:	SOIL		

UST:

Facility ID:	100584
Install Date:	12/31/1964
Capacity:	Not reported
Status:	REMOVED
Tank Name:	1
Tank Material:	Not reported
Substance:	LEADED GASOLINE
Compartment #:	1
Ecology Region:	Central

Facility ID:	100584
Install Date:	12/31/1964
Capacity:	Not reported
Status:	REMOVED
Tank Name:	2
Tank Material:	Not reported
Substance:	UNLEADED GASOLINE
Compartment #:	1
Ecology Region:	Central

Facility ID:	100584
Install Date:	12/31/1964
Capacity:	Not reported
Status:	REMOVED
Tank Name:	3
Tank Material:	Not reported
Substance:	UNLEADED GASOLINE
Compartment #:	1
Ecology Region:	Central

A2  
East  
< 1/8  
361  
Higher

FLYING J  
1900 N. WENATCHEE AVE.  
WENATCHEE, WA 98801

WA ICR S104486785  
N/A

Site 2 of 2 in cluster A

WA ICR:

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

FLYING J (Continued)

S104486785

Date Ecology Received Report: 12/06/1991  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 92-13  
County Code: 4  
Contact: Not reported  
Report Title: Not reported

B3  
ESE  
1/8-1/4  
692  
Higher

LLOYDS AUTO TRUCK INC  
1842 N WENATCHEE AVE  
WENATCHEE, WA 98801

RCRIS-SQG 1000659695  
FINDS WAD988493714

Site 1 of 2 in cluster B

RCRIS:

Owner: BRODLEY ENT INC DBA LLOYDS AUTO & TRUCK  
(509) 662-2694

Contact: BOB DAVIS  
(509) 662-2694

Record Date: 12/31/1999  
Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

C4  
North  
1/8-1/4  
742  
Higher

VAN DOREN SALES INC WENATCHEE  
2001 N WENATCHEE AVE  
WENATCHEE, WA 98801

RCRIS-SQG 1000111004  
FINDS WAD009259227  
CA HAZNET

Site 1 of 3 in cluster C

RCRIS:

Owner: VAN DOREN SALES INC  
(509) 662-6197

Contact: JIM MCGARVIN  
(509) 886-1837

Record Date: 12/31/1996  
Classification: Not reported  
Used Oil Recyc: No

Violation Status: No violations found



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**VAN DOREN SALES INC WENATCHEE (Continued)**

**1000111004**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

**HAZNET:**

Gepaid: WAD009259227  
Tepaid: CAD009452657  
Gen County: 99  
Tsd County: San Mateo  
Tons: .5715  
Category: Other organic solids  
Disposal Method: Disposal, Other  
Contact: VANDOREN SALES INC  
Telephone: (509) 663-6995  
Mailing Address: 2001 N WENATCHEE AVE  
WENATCHEE, WA 98801  
County 99

Gepaid: WAD009259227  
Tepaid: CAD009452657  
Gen County: 99  
Tsd County: San Mateo  
Tons: .3950  
Category: Other organic solids  
Disposal Method: Disposal, Other  
Contact: VANDOREN SALES INC  
Telephone: (509) 663-6995  
Mailing Address: 2001 N WENATCHEE AVE  
WENATCHEE, WA 98801  
County 99

Gepaid: WAD009259227  
Tepaid: CAD009452657  
Gen County: 99  
Tsd County: San Mateo  
Tons: .5500  
Category: Other organic solids  
Disposal Method: Recycler  
Contact: VANDOREN SALES INC  
Telephone: (509) 663-6995  
Mailing Address: 2001 N WENATCHEE AVE  
WENATCHEE, WA 98801  
County 99

Gepaid: WAD009259227  
Tepaid: CAD009452657  
Gen County: 99  
Tsd County: San Mateo  
Tons: .1875  
Category: Other organic solids  
Disposal Method: Not reported  
Contact: VANDOREN SALES INC  
Telephone: (509) 663-6995  
Mailing Address: 2001 N WENATCHEE AVE  
WENATCHEE, WA 98801  
County 99

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

VAN DOREN SALES INC WENATCHEE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000111004

Gepaid: WAD009259227  
Tepaid: CAD009452657  
Gen County: 99  
Tsd County: San Mateo  
Tons: 1.3450  
Category: Other organic solids  
Disposal Method: Recycler  
Contact: VANDOREN SALES INC  
Telephone: (509) 663-6995  
Mailing Address: 2001 N WENATCHEE AVE  
WENATCHEE, WA 98801  
County: 99

The CA HAZNET database contains 3 additional records for this site.  
Please contact your EDR Account Executive for more information.

C5  
North  
1/8-1/4  
744  
Higher

VAN DOREN SALES INC.  
2001 NORTH WENATCHEE AVE. PO BOX 17  
WENATCHEE, WA 98807

UST U003028313  
N/A

Site 2 of 3 in cluster C

UST:

Facility ID: 793  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: #2  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: Central

Facility ID: 793  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: #1  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

C6  
North  
1/8-1/4  
754  
Same

MIRASTAR  
2002 N WENATCHEE AVE  
WENATCHEE, WA 98801

UST U003765753  
N/A

Site 3 of 3 in cluster C

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

MIRASTAR (Continued)

U003765753

UST:

Facility ID: 567035  
Install Date: 3/16/2001  
Capacity: 10,000 TO 19,999 GALLONS  
Status: OPERATIONAL  
Tank Name: SUPER  
Tank Material: Fiberglass Reinforced Plastic  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 567035  
Install Date: 3/16/2001  
Capacity: 10,000 TO 19,999 GALLONS  
Status: OPERATIONAL  
Tank Name: UNLEADED  
Tank Material: Fiberglass Reinforced Plastic  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

B7  
SE  
1/8-1/4  
888  
Higher

NORTH AVENUE MARKET  
1816 N WENATCHEE AVE  
WENATCHEE, WA 98801

UST    U001128006  
N/A

Site 2 of 2 in cluster B

UST:

Facility ID: 100691  
Install Date: 11/3/1987  
Capacity: 5,000 TO 9,999 GALLONS  
Status: OPERATIONAL  
Tank Name: 1  
Tank Material: Coated Steel  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 100691  
Install Date: 11/3/1987  
Capacity: 5,000 TO 9,999 GALLONS  
Status: OPERATIONAL  
Tank Name: 2  
Tank Material: Coated Steel  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 100691  
Install Date: 11/3/1987  
Capacity: 5,000 TO 9,999 GALLONS  
Status: OPERATIONAL  
Tank Name: 3  
Tank Material: Coated Steel  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

D8 JACKPOT 091  
SE 1754 NORTH WENATCHEE AVENUE  
1/8-1/4 WENATCHEE, WA 98801  
1183  
Higher Site 1 of 2 in cluster D

Database(s) EDR ID Number  
EPA ID Number

UST U003026844  
LUST N/A  
WA ICR

LUST:

Facility ID: 4095 Ecology Region: Central  
Release ID: 412098 Release Date: 03/27/1997  
Release Status: CLEANUP STARTED Status Date: 11/30/1989  
Alternate Name: Not reported  
Affected Media: GROUND WATER

Facility ID: 4095 Ecology Region: Central  
Release ID: 412098 Release Date: 03/27/1997  
Release Status: MONITORING Status Date: 03/25/1997  
Alternate Name: Not reported  
Affected Media: GROUND WATER

Facility ID: 4095 Ecology Region: Central  
Release ID: 412098 Release Date: 03/27/1997  
Release Status: CLEANUP STARTED Status Date: 11/30/1989  
Alternate Name: Not reported  
Affected Media: SOIL

Facility ID: 4095 Ecology Region: Central  
Release ID: 412098 Release Date: 03/27/1997  
Release Status: MONITORING Status Date: 03/25/1997  
Alternate Name: Not reported  
Affected Media: SOIL

WA ICR:

Date Ecology Received Report: 09/11/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-07  
County Code: 4  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 12/15/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-14  
County Code: 4  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 05/06/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

JACKPOT 091 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003026844

Site Register Issue:	98-03
County Code:	4
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	09/24/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-08
County Code:	4
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	04/02/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-14
County Code:	4
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	07/09/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-17
County Code:	4
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	12/10/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	4
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	02/09/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-23
County Code:	4

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

JACKPOT 091 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003026844

Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/22/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-26
County Code:	4
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	03/27/1997
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-52
County Code:	4
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	09/29/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-29
County Code:	4
Contact:	Not reported
Report Title:	Ground Water Monitoring Event - April 2000
Date Ecology Received Report:	09/29/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-29
County Code:	4
Contact:	Not reported
Report Title:	Ground Water Monitoring Event - July 2000
Date Ecology Received Report:	12/28/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	4
Contact:	Not reported
Report Title:	October 2000 Ground Water Monitoring Report



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

JACKPOT 091 (Continued)

Database(s)  
EDR ID Number  
EPA ID Number

U003026844

Date Ecology Received Report: 03/08/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-34  
County Code: 4  
Contact: Not reported  
Report Title: Ground Water Monitoring Event January 2001

Date Ecology Received Report: 07/30/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-39  
County Code: 4  
Contact: Not reported  
Report Title: Ground Water Monitoring Event - April 2001

Date Ecology Received Report: 07/30/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-39  
County Code: 4  
Contact: Not reported  
Report Title: Corrective Action Plan

Date Ecology Received Report: 10/31/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-42  
County Code: 4  
Contact: Not reported  
Report Title: July 2001 Ground Water Monitoring Report

Date Ecology Received Report: 12/19/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-44  
County Code: 4  
Contact: Not reported  
Report Title: Ground Water Monitoring Event - October 2001

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

JACKPOT 091 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003026844

UST:

Facility ID: 4095  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 318  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 4095  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 597  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 4095  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 317  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

D9  
SE  
1/8-1/4  
1270  
Higher

AMERICAN MOBIL HOMES  
1730 NORTH WENATCHEE AVE  
WENATCHEE, WA 98801

UST U003026174  
N/A

Site 2 of 2 in cluster D

UST:

Facility ID: 1942  
Install Date: 12/31/1964  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 1  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

E10  
SE  
1/4-1/2  
1343  
Higher

CHELAN COUNTY PUD  
1150 HAWLEY ST.  
WENATCHEE, WA 98801

WA ICR S104486178  
N/A

Site 1 of 3 in cluster E

WA ICR:

Date Ecology Received Report: 12/08/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CHELAN COUNTY PUD (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S104486178

Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 93-28  
County Code: 4  
Contact: Not reported  
Report Title: Not reported

E11 CHELAN CNTY PUD 1 HAWLEY ST SHOP  
SE 1150 HAWLEY ST  
1/4-1/2 WENATCHEE, WA 98801  
1343  
Higher Site 2 of 3 in cluster E

PADS 1000276580  
FINDS WAD980982680  
RCRIS-LQG

RCRIS:  
Owner: CHELAN CNTY PUD NO 1  
(509) 663-8121  
Contact: ROB SALTER  
(509) 663-8121  
Record Date: 12/31/1998  
Classification: Large Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
PCB Handler Activity Data System (PADS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

E12 ELF ATOCHEM NORTH AMERICA  
ESE 1105 HAWLEY ST  
1/4-1/2 WENATCHEE, WA 98801  
1471  
Higher Site 3 of 3 in cluster E

RCRIS-SQG 1001204072  
FINDS WAR000011775

RCRIS:  
Owner: ELF ATOCHEM NORTH AMERICA INC  
(360) 555-1212  
Contact: DANIEL SWANSON  
(610) 878-6498  
Record Date: 10/18/1999  
Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

13 COLUMBIA & OKANOGAN NURSERY COMPANY  
SE 1700 N WENATCHEE AVE  
1/4-1/2 WENATCHEE, WA 98801  
1516  
Higher

Database(s) EDR ID Number  
EPA ID Number

UST U003028396  
N/A

UST:

Facility ID: 82  
Install Date: 8/1/1980  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 1  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 82  
Install Date: 8/1/1980  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 2  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

F14 N AVE EXXON #5837  
NNW 2115 N WENATCHEE AVE  
1/4-1/2 WENATCHEE, WA 98801  
1535  
Lower

UST U001123064  
N/A

Site 1 of 2 in cluster F

UST:

Facility ID: 3182  
Install Date: 12/15/1973  
Capacity: 1,101 TO 2,000 GALLONS  
Status: OPERATIONAL  
Tank Name: 1  
Tank Material: STEEL  
Substance: DIESEL  
Compartment #: 1  
Ecology Region: Central

Facility ID: 3182  
Install Date: 12/15/1973  
Capacity: 2,001 TO 4,999 GALLONS  
Status: OPERATIONAL  
Tank Name: 3  
Tank Material: STEEL  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

N AVE EXXON #5837 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U001123064

Facility ID: 3182  
Install Date: 12/15/1973  
Capacity: 2,001 TO 4,999 GALLONS  
Status: OPERATIONAL  
Tank Name: 2  
Tank Material: STEEL  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 3182  
Install Date: 12/15/1973  
Capacity: 2,001 TO 4,999 GALLONS  
Status: OPERATIONAL  
Tank Name: 5  
Tank Material: STEEL  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 3182  
Install Date: 10/15/1985  
Capacity: 10,000 TO 19,999 GALLONS  
Status: OPERATIONAL  
Tank Name: 4  
Tank Material: STEEL  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

F15 AMERIGAS PROPANE LP  
NNW 2131 N WENATCHEE AVE  
1/4-1/2 WENATCHEE, WA 98801  
1666  
Lower Site 2 of 2 in cluster F

UST U003604964  
N/A

UST:  
Facility ID: 503125  
Install Date: Not reported  
Capacity: Not reported  
Status: CLOSED IN PLACE  
Tank Name: 1  
Tank Material: Not reported  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

G16 WA PARKS EASTERN REGIONAL HQ  
North 2201 N DUNCAN DR  
1/4-1/2 WENATCHEE, WA 98801  
1726  
Lower Site 1 of 2 in cluster G

RCRIS-SQG 1001031529  
FINDS WAR000002345

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WA PARKS EASTERN REGIONAL HQ (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1001031529

RCRIS:

Owner: WA PARKS EASTERN REGIONAL HQ

Contact: DAVE JAQUISH  
(360) 663-9730

Record Date: 12/31/1999

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Biennial Reporting System (BRS)

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

G17  
North  
1/4-1/2  
1726  
Lower

REGION 3 HEADQUARTERS  
2201 NORTH DUNCAN  
WENATCHEE, WA 98801

UST U000799923  
N/A

Site 2 of 2 in cluster G

UST:

Facility ID: 6312  
Install Date: 1/1/1978  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: #1  
Tank Material: Not reported  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

H18  
SE  
1/4-1/2  
1946  
Higher

STERI SEAL OF WASHINGTON INC  
1649 N WENATCHEE AVE  
WENATCHEE, WA 98801

RCRIS-SQG 1000358133  
FINDS WAD980977458

Site 1 of 4 in cluster H

RCRIS:

Owner: STERI SEAL OF WASHINGTON INC  
(360) 555-1212

Contact: MAURICE SMITH  
(509) 663-6212

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

STERI SEAL OF WASHINGTON INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000358133

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

H19  
SE  
1/4-1/2  
1995  
Higher

WENATCHEE AMC JEEP INC.  
1643 N. WENATCHEE AVE  
WENATCHEE, WA 98801

UST U003026070  
N/A

Site 2 of 4 in cluster H

UST:

Facility ID: 1682  
Install Date: 12/31/1964  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 1  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 1682  
Install Date: 12/31/1964  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 2  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 1682  
Install Date: 12/31/1964  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 3  
Tank Material: Steel-Unprotected  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: Central

H20  
SE  
1/4-1/2  
1995  
Higher

WENATCHEE JEEP EAGLE SUBARU  
1643 N WENATCHEE AVE  
WENATCHEE, WA 98801

RCRIS-SQG 1000659116  
FINDS WAD988487815

Site 3 of 4 in cluster H

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

WENATCHEE JEEP EAGLE SUBARU (Continued)

1000659116

RCRIS:

Owner: WENATCHEE JEEP EAGLE SUBARU  
(360) 555-1212

Contact: JOHN CRUICKSHANK  
(509) 663-0011

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

H21  
SE  
1/4-1/2  
2096  
Higher

VITA GREEN  
1630 N WENATCHEE AVE  
WENATCHEE, WA 98801

RCRIS-SQG 1000659736  
FINDS WAD988494126

Site 4 of 4 in cluster H

RCRIS:

Owner: VITA GREEN

Contact: JIM PEARSON  
(509) 558-7142

Record Date: 09/24/1991

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

I22  
SE  
1/4-1/2  
2611  
Higher

NORTHWEST WHOLESALE INC WENATCHEE  
1567 N WENATCHEE AVE  
WENATCHEE, WA 98801

RCRIS-SQG 1000411108  
FINDS WAD008958548  
UST

Site 1 of 3 in cluster I

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**NORTHWEST WHOLESALE INC WENATCHEE (Continued)**

**1000411108**

**RCRIS:**

Owner:            NORTHWEST WHOLESALE INC  
(509) 662-2141

Contact:          AL THOMPSON  
(509) 662-2141

Record Date:    02/20/1996

Classification:   Not reported

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:            Not reported  
Area of Violation:               Generator-All Requirements  
Date Violation Determined:    02/14/1992  
Priority of Violation:            Low  
Schedule Date to Achieve Compliance:   Not reported  
Actual Date Achieved Compliance:   07/22/1992

Enforcement Action:            Verbal Informal  
Enforcement Action Date:       02/13/1992  
Proposed Monetary Penalty:    Not reported  
Final Monetary Penalty:        Not reported

Regulation Violated:            Not reported  
Area of Violation:               Generator-All Requirements  
Date Violation Determined:    02/14/1992  
Priority of Violation:            Low  
Schedule Date to Achieve Compliance:   Not reported  
Actual Date Achieved Compliance:   07/22/1992

Enforcement Action:            Verbal Informal  
Enforcement Action Date:       02/13/1992  
Proposed Monetary Penalty:    Not reported  
Final Monetary Penalty:        Not reported

There are 2 violation record(s) reported at this site:

Evaluation  
Compliance Evaluation Inspection (CEI)

Area of Violation  
Generator-All Requirements  
Generator-All Requirements

Date of Compliance  
07/22/1992  
07/22/1992

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Section Seven Tracking System (SSTS)

**UST:**

Facility ID:        3619  
Install Date:       12/31/1964  
Capacity:           Not reported  
Status:             REMOVED  
Tank Name:         2  
Tank Material:     Steel-Unprotected  
Substance:         Not reported  
Compartment #:    1  
Ecology Region:   Central



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

NORTHWEST WHOLESALE INC WENATCHEE (Continued)

1000411108

Facility ID: 3619  
Install Date: 12/31/1964  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 1  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

I23  
SE  
1/4-1/2  
2611  
Higher

CHEVRON 98630  
1566 N WENATCHEE  
WENATCHEE, WA 98801  
Site 2 of 3 in cluster I

UST U001123955  
N/A

UST:

Facility ID: 5251  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 2  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 5251  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 1  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 5251  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 3  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

Facility ID: 5251  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 5  
Tank Material: Steel-Unprotected  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: Central

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CHEVRON 98630 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U001123955

Facility ID: 5251  
Install Date: 12/31/1964  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 4  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: Central

I24  
SE  
1/2-1  
2740  
Higher

WENATCHEE DISTRICT SITE  
1551 N WENATCHEE AVE  
WENATCHEE, WA 98801

UST U001127130  
LUST N/A  
WA ICR

Site 3 of 3 in cluster I

LUST:

Facility ID:	12255	Ecology Region:	Central
Release ID:	425417	Release Date:	09/08/1997
Release Status:	CLEANUP STARTED	Status Date:	06/02/1997
Alternate Name:	Not reported		
Affected Media:	SOIL		

Facility ID:	12255	Ecology Region:	Central
Release ID:	425417	Release Date:	09/08/1997
Release Status:	REPORTED CLEANED UP	Status Date:	09/08/1997
Alternate Name:	Not reported		
Affected Media:	SOIL		

WA ICR:

Date Ecology Received Report: 09/08/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-07  
County Code: 4  
Contact: Not reported  
Report Title: Not reported

UST:

Facility ID: 12255  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: REMOVED  
Tank Name: NRGEN  
Tank Material: Not reported  
Substance: DIESEL  
Compartment #: 1  
Ecology Region: Central

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

WENATCHEE DISTRICT SITE (Continued)

U001127130

Facility ID: 12255  
Install Date: 1/1/1983  
Capacity: 10,000 TO 19,999 GALLONS  
Status: REMOVED  
Tank Name: 66B02001  
Tank Material: Not reported  
Substance: DIESEL  
Compartment #: 1  
Ecology Region: Central

Facility ID: 12255  
Install Date: 12/31/1964  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 66B04001  
Tank Material: Steel-Unprotected  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: Central

Facility ID: 12255  
Install Date: 1/1/1983  
Capacity: 10,000 TO 19,999 GALLONS  
Status: REMOVED  
Tank Name: 66B02002  
Tank Material: Not reported  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

25  
West  
1/2-1  
2909  
Higher

WENATCHEE CEMETARY  
1804 N WESTERN ST  
WENATCHEE, WA 98801

UST U003604962  
LUST N/A  
WA ICR

LUST:

Facility ID:	502971	Ecology Region:	Central
Release ID:	509227	Release Date:	07/14/1999
Release Status:	CLEANUP STARTED	Status Date:	06/10/1999
Alternate Name:	Not reported		
Affected Media:	SOIL		

WA ICR:

Date Ecology Received Report:	07/14/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-17
County Code:	4
Contact:	Not reported
Report Title:	Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

WENATCHEE CEMETARY (Continued)

U003604962

UST:

Facility ID: 502971  
Install Date: Not reported  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 1  
Tank Material: Not reported  
Substance: DIESEL  
Compartment #: 1  
Ecology Region: Central

Facility ID: 502971  
Install Date: Not reported  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 2  
Tank Material: Not reported  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: Central

26  
South  
1/2-1  
3322  
Higher

WENTACHEE MIDDLE SCHOOL PROPO  
1400 MAPLE ST  
WENATCHEE, WA 98801

CSCSL S101703146  
N/A

SHWS:

Facility ID: 353  
Responsible Unit: CE  
Latitude: 47 26 34  
Longitude: 120 20 6

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: Soil

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)

Arsenic Code: Not reported

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 29

EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Confirmed above MTCA cleanup levels

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WENTACHEE MIDDLE SCHOOL PROPO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S101703146

Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Facility ID: 353  
Responsible Unit: CE  
Latitude: 47 26 34  
Longitude: 120 20 6  
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: Air  
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

Arsenic Code: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 29  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Suspected to be present  
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

27  
SE  
1/2-1  
3619  
Higher

DVORAK LIVING TRUST  
1444 N WENATCHEE AVE  
WENATCHEE, WA 98807

CSCSL S102845781  
N/A

SHWS:

Facility ID: 31885639  
Responsible Unit: CE  
Latitude: 47 26 35  
Longitude: 120 19 36  
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: Soil  
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)  
Arsenic Code: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

DVORAK LIVING TRUST (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102845781

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	29
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:	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

28  
SSE  
1/2-1  
3949  
Higher

ARCO #5794  
1405 N. WENATCHEE AVE.  
WENTACHEE, WA 98801

WA ICR 1003654934  
N/A

WA ICR:

Date Ecology Received Report:	04/02/2001
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	Central
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-41
County Code:	4
Contact:	Not reported
Report Title:	Results of Soil Sampling

29  
NNE  
> 1  
5429  
Higher

UPS WENATCHEE  
340 E PENNY RD  
WENATCHEE, WA 98801

FINDS 1000660008  
RCRIS-LQG WAD988496881  
CSCSL

RCRIS:

Owner:	UNITED PARCEL SERVICE INC (206) 621-6233
Contact:	ANDREW WATSON (206) 621-6233
Record Date:	12/31/1999
Classification:	Large Quantity Generator



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

UPS WENATCHEE (Continued)

1000660008

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 34429349

Responsible Unit: CE

Latitude: 47 27 57

Longitude: 120 19 43

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

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: Soil

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)

Arsenic Code: Not reported

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 29

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: 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

30  
SSE  
> 1  
5701  
Higher

AG SUPPLY COMPANY OF WENATCHEE  
1115 N WENATCHEE AVE  
WENATCHEE, WA 98801

CSCSL S104490840  
N/A

SHWS:

Facility ID: 16422326

Responsible Unit: CE

Latitude: 47 26 17

Longitude: 120 19 19

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

AG SUPPLY COMPANY OF WENATCHEE (Continued)

S104490840

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

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)

Arsenic Code: Not reported

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 29

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: 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

31  
SSW  
> 1  
5973  
Higher

WSU TREE FRUIT RES EXT CTR  
1100 N WESTERN AVE  
WENATCHEE, WA 98801

RCRIS-SQG 1000139946  
FINDS WAD980833156  
CERC-NFRAP  
CSCSL

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Non NPL Code: NFRAP

Ownership Status: Unknown

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Assessment: SITE INSPECTION

Completed: 02/05/1990

Completed: 07/26/1990

Completed: 06/16/1995

RCRIS:

Owner: OFFICE OF BUSINESS AFFAIRS  
(509) 335-5524

Contact: CRAIG ROOT  
(509) 663-8181

Record Date: 12/31/1999

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

WSU TREE FRUIT RES EXT CTR (Continued)

1000139946

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Biennial Reporting System (BRS)  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 344  
Responsible Unit: CE  
Latitude: 47 26 17  
Longitude: 120 20 51  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
3 - Moderate assessed risk to human health and to the environment  
Affected Media: Soil  
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)  
Arsenic Code: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 29  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Confirmed above MTCA cleanup levels  
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

Facility ID: 344  
Responsible Unit: CE  
Latitude: 47 26 17  
Longitude: 120 20 51  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
3 - Moderate assessed risk to human health and to the environment  
Affected Media: Ground Water  
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  
Arsenic Code: Not reported  
Base/Neutral/Acid Organics: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

WSU TREE FRUIT RES EXT CTR (Continued)

1000139946

Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Suspected to be present
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

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
DRYDEN	S101188417	DRYDEN LANDFILL	WENATCHEE	98801	CSCSL	336
EAST WENATCHEE	S105152357	PROPOSED EASTMONT JUNIOR HIGH	8TH NE / 10TH NE	98802	CSCSL	83426117
EAST WENATCHEE	S104959631	7-ELEVEN #2301 20481J	87 NE 9TH E.	98801	WA ICR	
EAST WENATCHEE	S103083874	PANGBORN FIELD	GRANT RD	98802	CSCSL	366
EAST WENATCHEE	S105152358	PROPOSED TOWN TOYOTA	3RD ST SE JUST E OF HIGHLINE D	98802	CSCSL	16758654
EAST WENATCHEE	S102845795	GREATER WENATCHEE REGIONAL LANDFIL	191 E WEBB RD	98802	CSCSL	368
WENATCHEE	S104971402	DOVEX FRUIT EUCLID AVE	2809 / 2833 EUCLID AVE	98801	CSCSL NFA	
WENATCHEE	S100484028	WENATCHEE TRANSFER STATION	PO BOX 1440	98801	SWFLF	CCW2
WENATCHEE	1000838815	AUTO WORKS WENATCHEE	3028 GS CENTER RD	98801	RCRIS-SQG, FINDS	
WENATCHEE	U003132582	LAKE WENATCHEE CENTRAL OFFICE (482	13714 CHIWAWA LOOP ROAD	98801	UST	12371
WENATCHEE	98462884	COLUMBIA RIVER 6 MILES NORTH OF WE	COLUMBIA RIVER 6 MILES NORTH O	98801	ERNS	10643
WENATCHEE	U000923636	HAWLEY STREET SHOP	HAWLEY ST	98801	UST, LUST, WA ICR	
WENATCHEE	1004614804	OLD WENATCHEE HOSPITAL	KITTITAS AND OKANOOGAN STREETS	98801	FINDS	
WENATCHEE	1001966309	OLD WENATCHEE HOSPITAL	KITTITAS AND OKANOOGAN STREETS	98801	PADS	
WENATCHEE	S104320292	UNOCAL BK PLT 0853	5TH ST N NO 6	98801	CSCSL	346
WENATCHEE	U003026920	WENATCHEE PETROLEUM CO.	601 E NORTH WENATCHEE AVE	98801	UST	4329
WENATCHEE	S105124702	COMMUNITY TECHNOLOGY CENTER	285 SELLAR LOOP ROAD	98801	WA ICR	
WENATCHEE	S105152329	COMMUNITY TECHNOLOGY CENTER	285 SELLAR LOOP RD	98801	CSCSL	
WENATCHEE	1000839166	WA AGR M WENATCHEE 2	SPRINGWATER ST W END 2 MI W OF	98801	RCRIS-SQG, FINDS	52595421
WENATCHEE	S103503445	CHELAN COUNTY HELIPORT	EAST ST.	98801	WA ICR	
WENATCHEE	U003732870	WENATCHEE RIVER COUNTY PARK	2924 STATE RD	98801	UST	527816
WENATCHEE	1003880370	CHELAN CO DRYDEN LDFL	12 MI W OF WENATCHEE	98801	CERC-NFRAP	
WENATCHEE	1003880368	CHELAN CO S WENATCHEE AV LDFL	S WENATCHEE S OF CRAWFORD	98801	CERC-NFRAP	
WENATCHEE	U000587904	PHILLIPS 66 COMPANY SS#073069	600 EN WENATCHEE	98801	UST	2793
WENATCHEE	U003026671	WASTE MANAGEMENT GREATER WENATCH	711A NORTH WENATCHEE AVE	98801	UST	3452
WENATCHEE	S103083854	UNOCAL SVS STA 4942	WENATCHEE AV / THORNTON ST	98801	CSCSL	347
WENATCHEE	S103505501	BALLARD SERVICES	1028 WENATCHEE AVE.	98801	WA ICR	

## 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 STANDARD RECORDS

#### **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) and regional EPA offices.

Date of Government Version: 01/29/02

Date Made Active at EDR: 02/25/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02

Elapsed ASTM days: 21

Date of Last EDR Contact: 02/04/02

#### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

#### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA

Telephone: N/A

Date of Government Version: 01/17/02

Date Made Active at EDR: 02/25/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02

Elapsed ASTM days: 21

Date of Last EDR Contact: 02/04/02

#### **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: 11/21/01

Date Made Active at EDR: 02/04/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01

Elapsed ASTM days: 40

Date of Last EDR Contact: 12/26/01

#### **CERCLIS-NFRAP: CERCLIS 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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/21/01  
Date Made Active at EDR: 02/04/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01  
Elapsed ASTM days: 40  
Date of Last EDR Contact: 12/16/01

### **CORRACTS:** Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01  
Date Made Active at EDR: 01/14/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01  
Elapsed ASTM days: 61  
Date of Last EDR Contact: 03/11/02

### **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: 06/21/00  
Date Made Active at EDR: 07/31/00  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/10/00  
Elapsed ASTM days: 21  
Date of Last EDR Contact: 01/14/02

### **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: 08/08/00  
Date Made Active at EDR: 09/06/00  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/11/00  
Elapsed ASTM days: 26  
Date of Last EDR Contact: 02/01/02

## **FEDERAL ASTM SUPPLEMENTAL 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: 12/31/99  
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/18/02  
Date of Next Scheduled EDR Contact: 06/17/02

### **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: N/A  
Database Release Frequency: Varies

Date of Last EDR Contact: N/A  
Date of Next Scheduled EDR Contact: N/A

### **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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **DELISTED NPL:** National Priority List 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: 01/29/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02  
Date of Next Scheduled EDR Contact: 05/06/02

### **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: 10/29/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **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: 09/30/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/21/02  
Date of Next Scheduled EDR Contact: 04/22/02

### **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: 10/25/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **MINES:** Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 12/14/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 04/01/02

### **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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/26/02  
Date of Next Scheduled EDR Contact: 05/27/02

### **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: 09/30/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 02/12/02  
Date of Next Scheduled EDR Contact: 05/13/02

### **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: 03/11/02  
Date of Next Scheduled EDR Contact: 06/10/02

### **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: 12/31/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/01  
Date of Next Scheduled EDR Contact: 03/25/02

### **TSCA:** Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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: 12/31/98  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 01/22/02  
Date of Next Scheduled EDR Contact: 04/22/02

### **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/01  
Date of Next Scheduled EDR Contact: 03/25/02

### **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 01/14/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/01  
Date of Next Scheduled EDR Contact: 03/25/02



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### STATE OF WASHINGTON ASTM STANDARD RECORDS

#### **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: 11/26/01  
Date Made Active at EDR: 01/09/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/11/01  
Elapsed ASTM days: 29  
Date of Last EDR Contact: 02/22/02

#### **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: 08/28/01  
Date Made Active at EDR: 10/03/01  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/10/01  
Elapsed ASTM days: 23  
Date of Last EDR Contact: 03/11/02

#### **SWF/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: 12/01/01  
Date Made Active at EDR: 12/19/01  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 12/04/01  
Elapsed ASTM days: 15  
Date of Last EDR Contact: 01/07/02

#### **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: 12/07/01  
Date Made Active at EDR: 12/19/01  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/10/01  
Elapsed ASTM days: 9  
Date of Last EDR Contact: 03/18/02

#### **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: 12/07/01  
Date Made Active at EDR: 12/20/01  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/10/01  
Elapsed ASTM days: 10  
Date of Last EDR Contact: 03/18/02

### STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS

#### **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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/18/02  
Date of Next Scheduled EDR Contact: 05/20/02

### **CSCSL NFA: Confirmed & Contaminated Sites - No Further Action**

Source: Department of Ecology  
Telephone: 360-407-7170

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

Date of Government Version: 11/26/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/11/02  
Date of Next Scheduled EDR Contact: 02/18/02

### **EMI: Washington Emissions Data System**

Source: Department of Ecology  
Telephone: 360-407-6040

Date of Government Version: 12/31/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/22/02  
Date of Next Scheduled EDR Contact: 04/22/02

## **LOCAL RECORDS**

### **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

### **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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### SNOHOMISH COUNTY:

#### Solid Waste Sites of Record at Snohomish Health District

Source: Snohomish Health District  
Telephone: 206-339-5250

Date of Government Version: 01/17/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/22/02  
Date of Next Scheduled EDR Contact: 04/22/02

### 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

### EDR PROPRIETARY HISTORICAL DATABASES

**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.

### 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.

**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.

**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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

WENATCHEE AVE.  
MAIDEN LANE/WENATCHEE AVE  
WENATCHEE, WA 98801

### TARGET PROPERTY COORDINATES

Latitude (North):	47.451302 - 47° 27' 4.7"
Longitude (West):	120.334702 - 120° 20' 4.9"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	700918.6
UTM Y (Meters):	5258542.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW DIRECTION 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, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE**

Target Property: 2447120-D3 WENATCHEE, WA  
Source: USGS 7.5 min quad index

### **GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY**

Target Property: General ENE

Source: General Topographic Gradient has 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.

### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### **FEMA FLOOD ZONE**

Target Property County  
CHELAN, WA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 5300200005C / CBPP

Additional Panels in search area: 5300150625C / CBPP  
5300360535A / CBPP

### **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
WENATCHEE

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

### **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Site-Specific Hydrogeological Data\*:

Search Radius: 2.0 miles  
Status: Not found

### AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

#### GEOLOGIC AGE IDENTIFICATION

Era:	Cenozoic	Category: Continental Deposits
System:	Tertiary	
Series:	Paleocene	
Code:	Txc (decoded above as Era, System & Series)	

Geologic Age and Rock Stratigraphic Unit 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).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

\* ©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.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Component Name: BURCH

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	8 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.60
2	8 inches	60 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.60

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinator soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam  
loam  
gravelly - sandy loam  
gravelly - fine sandy loam

Surficial Soil Types: sandy loam  
loam  
gravelly - sandy loam  
gravelly - fine sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: very gravelly - loamy sand  
loamy fine sand  
very cobbly - sand

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	472702120202601	1/4 - 1/2 Mile West
2	472724120195101	1/4 - 1/2 Mile NNE
3	472642120195801	1/4 - 1/2 Mile South
A4	472647120192301	1/2 - 1 Mile SE
5	472735120194301	1/2 - 1 Mile NNE
B6	472737120200801	1/2 - 1 Mile North
A8	472645120191501	1/2 - 1 Mile ESE
10	472635120191201	1/2 - 1 Mile SE

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B7	WAGRP0000004021	1/2 - 1 Mile NNW
9	WAGRP0000007242	1/2 - 1 Mile NNE



# PHYSICAL SETTING SOURCE MAP - 750083.3s



- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data



TARGET PROPERTY: Wenatchee Ave.  
 ADDRESS: Maiden Lane/Wenatchee Ave  
 CITY/STATE/ZIP: Wenatchee WA 98801  
 LAT/LONG: 47.4513 / 120.3347

CUSTOMER: Landau Associates, Inc.  
 CONTACT: Tim Syverson  
 INQUIRY #: 750083.3s  
 DATE: March 25, 2002 8:13 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**1**  
**West**  
**1/4 - 1/2 Mile**  
**Higher**  
**FED USGS 472702120202601**

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1945	County:	Not Reported
Altitude:	800.00 ft.	State:	Not Reported
Well Depth:	54.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	36.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Industrial

**2**  
**NNE**  
**1/4 - 1/2 Mile**  
**Lower**  
**FED USGS 472724120195101**

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1921	County:	Not Reported
Altitude:	653.00 ft.	State:	Not Reported
Well Depth:	30.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	24.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Public supply

**3**  
**South**  
**1/4 - 1/2 Mile**  
**Higher**  
**FED USGS 472642120195801**

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1930	County:	Not Reported
Altitude:	820.00 ft.	State:	Not Reported
Well Depth:	32.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	20.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	01011940	Prim. Use of Water:	Irrigation

**A4**  
**SE**  
**1/2 - 1 Mile**  
**Lower**  
**FED USGS 472647120192301**

## BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1965	County:	Not Reported
Altitude:	668.00 ft.	State:	Not Reported
Well Depth:	Not Reported	Topographic Setting:	Not Reported
Depth to Water Table:	80.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	09091965	Prim. Use of Water:	Industrial



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

5  
NNE  
1/2 - 1 Mile  
Lower

FED USGS 472735120194301

### BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1947	County:	Not Reported
Altitude:	800.00 ft.	State:	Not Reported
Well Depth:	81.75 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	58.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

B6  
North  
1/2 - 1 Mile  
Lower

FED USGS 472737120200801

### BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	686.00 ft.	State:	Not Reported
Well Depth:	80.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Public supply

B7  
NNW  
1/2 - 1 Mile  
Lower

WA WELLS WAGRP0000004021



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Source Name:	NORTH BANK WELLS 1&2	Range:	20E
Township:	23	Section:	28
QTR Section:	SENW	Source Type:	W
Source Use:	E	SP X:	2040360
SP Y:	775848	PWS Name:	CHELAN CO PUD - #1
PWS ID:	12284	Source:	01
Key ID:	1228401		

A8  
ESE  
1/2 - 1 Mile  
Lower

FED USGS 472645120191501

### BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1958	County:	Not Reported
Altitude:	790.00 ft.	State:	Not Reported
Well Depth:	46.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	26.00 ft.	Prim. Use of Site:	Not Reported
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

9  
NNE  
1/2 - 1 Mile  
Lower

WA WELLS WAGRP0000007242

Source Name:	#12284J-CHELAN CO	Range:	20E
Township:	23	Section:	28
QTR Section:	NESE	Source Type:	PT
Source Use:	P	SP X:	2043010
SP Y:	775845	PWS Name:	CONFLUENCE STATE PARK
PWS ID:	SP172	Source:	01
Key ID:	SP17201		

10  
SE  
1/2 - 1 Mile  
Lower

FED USGS 472635120191201

### BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1922	County:	Not Reported
Altitude:	640.00 ft.	State:	Not Reported
Well Depth:	36.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	30.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	09011945	Prim. Use of Water:	Domestic

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

Federal EPA Radon Zone for CHELAN 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: 98801

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.267 pCi/L	67%	33%	0%

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### HYDROLOGIC INFORMATION

**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 1999 from the U.S. Fish and Wildlife Service.

### HYDROGEOLOGIC INFORMATION

#### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### GEOLOGIC INFORMATION

#### **Geologic Age and Rock Stratigraphic Unit**

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).

#### **STATSGO: State Soil Geographic Database**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

#### **FEDERAL WATER WELLS**

##### **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 (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**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.



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STATE RECORDS

#### Water Wells

Source: Department of Transportation  
Telephone: 360-705-7444  
Group A well location points in Washington State.

#### Kitsap County Water Wells in Washington

Source: Public Utility District No. 1 of Kitsap County  
Telephone: 206-779-7656

### RADON

**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.

### OTHER

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration